

Bibliography from ADS file: bahcall.bib
September 14, 2022

- Achterberg, A., Ackermann, M., Adams, J., et al., "The Search for Muon Neutrinos from Northern Hemisphere Gamma-Ray Bursts with AMANDA", 2008ApJ...674..357A ADS
- IceCube Collaboration, Achterberg, A., Ackermann, M., et al., "IceCube contributions to the XIV International Symposium on Very High Energy Cosmic Ray Interactions (ISVHECRI 2006)", 2008NuPhS.175..407I ADS
- Achterberg, A., Ackermann, M., Adams, J., et al., "Search for Neutrino-induced Cascades from Gamma-Ray Bursts with AMANDA", 2007ApJ...664..397A ADS
- Achterberg, A., Ackermann, M., Adams, J., et al., "Five years of searches for point sources of astrophysical neutrinos with the AMANDA-II neutrino telescope", 2007PhRvD..75j2001A ADS
- Achterberg, A., Ackermann, M., Adams, J., et al., "VizieR Online Data Catalog: AGN neutrino source candidates (Achterberg+, 2006)", 2007yCatp030002601A ADS
- Achterberg, A., Ackermann, M., Adams, J., et al., "Limits on the High-Energy Gamma and Neutrino Fluxes from the SGR 1806-20 Giant Flare of 27 December 2004 with the AMANDA-II Detector", 2006PhRvL..97v1101A ADS
- Achterberg, A., Ackermann, M., Adams, J., et al., "On the selection of AGN neutrino source candidates for a source stacking analysis with neutrino telescopes", 2006APh...26..282A ADS
- IceCube Collaboration, Achterberg, A., Ackermann, M., et al., "First year performance of the IceCube neutrino telescope", 2006APh...26..155I ADS
- Achterberg, A., Ackermann, M., Adams, J., et al., "Limits on the muon flux from neutralino annihilations at the center of the Earth with AMANDA", 2006APh...26..129A ADS
- Bahcall, J. N., Serenelli, A. M., & Basu, S., "10,000 Standard Solar Models: A Monte Carlo Simulation", 2006ApJS..165..400B ADS
- Fan, X., Strauss, M. A., Richards, G. T., et al., "A Survey of $z > 5.7$ Quasars in the Sloan Digital Sky Survey. IV. Discovery of Seven Additional Quasars", 2006AJ...131.1203F ADS
- Bahcall, J. N. & Salpeter, E. E., "Stellar Energy Generation and Solar Neutrinos", in G. E. Brown and C.-H. Lee (Eds.), Hans Bethe and his Physics, 147 2006hpb...book..147B ADS
- Bahcall, J. N., Basu, S., & Serenelli, A. M., "What Is the Neon Abundance of the Sun?", 2005ApJ...631.1281B ADS
- Grillmair, C. J., Dionatos, O., Bahcall, J., et al.: 2005, Mapping Globular Cluster Tidal Streams, NOAO Proposal ID 2005B-0111 2005noao.prop..111G ADS
- Bahcall, J. N. & Serenelli, A. M., "How Do Uncertainties in the Surface Chemical Composition of the Sun Affect the Predicted Solar Neutrino Fluxes?", 2005ApJ...626..530B ADS
- Majewski, S. R., Bahcall, J. N., Geisler, D., et al., "Probing Galactic Dark Matter With SIM Observations of Tidal Tails", 2005AAS...206.1413M ADS
- Bahcall, J. N., Serenelli, A. M., & Basu, S., "New Solar Opacities, Abundances, Helioseismology, and Neutrino Fluxes", 2005ApJ...621L..85B ADS
- Bahcall, J. N. & Salpeter, E. E., "Stellar Energy Generation and Solar Neutrinos", 2005PhT...58j..44B ADS
- Bahcall, J. N., "Solar Models and Solar Neutrinos", 2005PhST..121...46B ADS
- Desiati, P., Achterberg, A., Ackermann, M., et al., "Neutrino Astronomy and Cosmic Rays at the South Pole: Latest Results from AMANDA and Perspectives for Icecube", 2005IJMPA..20.6919D ADS
- Bahcall, J. N., Basu, S., Pinsonneault, M., & Serenelli, A. M., "Helioseismological Implications of Recent Solar Abundance Determinations", 2005ApJ...618.1049B ADS
- Bahcall, J. N., "Solar Neutrinos: A Popular Account", 2004physics..11190B ADS
- Serenelli, A. M., Bahcall, J. N., Basu, S., & Pinsonneault, M. H., "Helioseismological Implications of Recent Solar Abundance Determinations", 2004ESASP.559..623S ADS
- Bahcall, J. N., Serenelli, A. M., & Pinsonneault, M., "How Accurately Can We Calculate the Depth of the Solar Convective Zone?", 2004ApJ...614..464B ADS
- Bahcall, J. N., Murayama, H., & Peña-Garay, C., "What can we learn from neutrinoless double beta decay experiments?", 2004PhRvD..70c3012B ADS
- Bahcall, J. N., Gonzalez-García, M. C., & Peña-Garay, C., "Solar Neutrinos Before and After Neutrino 2004", 2004JHEP...08..016B ADS
- Bahcall, J., "Solving the Mystery of the Missing Neutrinos", 2004physics..6040B ADS
- Bahcall, J. N. & Peña-Garay, C., "Solar models and solar neutrino oscillations", 2004NJPh...6...63B ADS
- Ahrens, J., Bahcall, J. N., Bai, X., et al., "Status of the IceCube Neutrino Observatory", 2004NewAR..48..519A ADS
- Bahcall, J. N. & Pinsonneault, M. H., "What Do We (Not) Know Theoretically about Solar Neutrino Fluxes?", 2004PhRvL..92l1301B ADS
- Ahrens, J., Bahcall, J. N., Bai, X., et al., "Sensitivity of the IceCube detector to astrophysical sources of high energy muon neutrinos", 2004APh...20..507A ADS
- Bahcall, J. N. & Casertano, S., "Some Possible Regularities in Missing Mass", in J. Bahcall, T. Piran, and S. Weinberg (Eds.), Dark Matter in the Universe, 25-33 2004dmu...book...25B ADS
- van Albada, T. S., Begeman, K., Sancisi, R., & Bahcall, J. N., "Distribution of Dark Matter in the Spiral Galaxy NGC 3198", in J. Bahcall, T. Piran, and S. Weinberg (Eds.), Dark Matter in the Universe, 7-23 2004dmu...book...7V ADS
- Bahcall, J. N., "Introduction", in J. Bahcall, T. Piran, and S. Weinberg (Eds.), Dark Matter in the Universe, 1-5 2004dmu...book...1B ADS
- Bahcall, J., Piran, T., & Weinberg, S.: 2004, Dark Matter in the Universe (Second Edition) - 4th Jerusalem Winter School for Theoretical Physics Lectures 2004dmu...book...B ADS
- Zheng, Z., Flynn, C., Gould, A., Bahcall, J. N., & Salim, S., "M Dwarfs from Hubble Space Telescope Star Counts. V. The I-Band Luminosity Function", 2004ApJ...601..500Z ADS
- Bahcall, J. N., Steinhardt, C. L., & Schlegel, D., "Does the Fine-Structure Constant Vary with Cosmological Epoch?", 2004ApJ...600..520B ADS
- Crane, J. D., Majewski, S. R., Patterson, R. J., et al., "Exploring Galactic Structure with the Fan Mountain Observatory Bench Spectrograph", 2003AAS...20311206C ADS
- Bahcall, J. N. & Peña-Garay, C., "A road map to solar neutrino fluxes, neutrino oscillation parameters, and tests for new physics", 2003JHEP...11..004B ADS
- Bahcall, J. N., "Solar Models and Solar Neutrinos", 2003phco.conf...31B ADS
- Bahcall, J. N., Gonzalez-García, M. C., & Peña-Garay, C., "Does the Sun Shine by pp or CNO Fusion Reactions?", 2003PhRvL..90m1301B ADS
- Karle, A., Ahrens, J., Bahcall, J. N., et al., "IceCube - the next generation neutrino telescope at the South Pole", 2003NuPhS.118..388K ADS
- Bahcall, J. N., "Solar models: An historical overview", 2003NuPhS.118...77B ADS
- Bahcall, J. N. & Waxman, E., "Has the GZK suppression been discovered?", 2003PhLB..556...1B ADS
- Grillmair, C. J., Bahcall, J., Geisler, D., et al.: 2003, Mapping Globular Cluster Tidal Streams, NOAO Proposal ID 2003A-0215 2003noao.prop..215G ADS
- Bahcall, J. N., Concepcion Gonzalez-García, M., & na-Garay, C. P., "Solar Neutrinos Before and After KamLAND", 2003JHEP...02..009B ADS
- Bahcall, J. N., Basu, S., & Pinsonneault, M. H., "Solar models: structure, neutrinos, and helioseismological properties", in B. N. Dwivedi and F. b. E. N. Parker (Eds.), Dynamic Sun, 8-35 2003dysu.book...8B ADS
- Bahcall, J. N., "Astrophysical Neutrinos: 20<LC>th</LC> Century and Beyond", 2002nmgm.meet..190B ADS
- Bahcall, J. N., "The Birth of the HST Snapshot Programs", 2002astro.ph.11193B ADS
- Bahcall, J. N., Gonzalez-García, M. C., & Peña-Garay, C., "If sterile neutrinos exist, how can one determine the total solar neutrino fluxes?", 2002PhRvC..66c5802B ADS
- Bahcall, J. N., Gonzalez-García, C. M., & Pena-Garay, C., "Before and After: How has the SNO NC measurement changed things?", 2002JHEP...07..054B ADS
- Bahcall, J. N., Brown, L. S., Gruzinov, A., & Sawyer, R. F., "Erratum: The Salpeter plasma corrections for solar fusion reactions", 2002A&A...388..660B ADS
- Bahcall, J. N., Barger, V., & Marfatia, D., "How accurately can one test CPT conservation with reactor and solar neutrino experiments?", 2002PhLB..534..120B ADS
- Bahcall, J. N., Concepcion Gonzalez-García, M., & Peña-Garay, C., "Robust signatures of solar neutrino oscillation solutions", 2002JHEP...04..007B ADS
- Crane, J. D., Majewski, S. R., Bahcall, J. N., & Patterson, R. J.: 2002, Measuring Local Dark Matter with K giants at the North Galactic Pole, NOAO Proposal ID 2002A-0302 2002noao.prop..302C ADS
- Bahcall, J. N., "The luminosity constraint on solar neutrino fluxes", 2002PhRvC..65b5801B ADS
- Majewski, S. R., Bahcall, J. N., Geisler, D., et al., "Taking Measure of the Milky Way", 2002swsi.conf...15M ADS
- Bahcall, J. N., "Astrophysical Neutrinos: 20th Century and Beyond", 2002spod.conf...6B ADS
- Bahcall, J. N., "Solar Neutrinos: An Overview", in B. N. Kursunoglu, S. L. Mintz, and A. Perlmutter (Eds.), Confluence of Cosmology, Massive Neutrinos, Elementary Particles, and Gravitation, 37 2002cocm.book...37B ADS

- Bahcall, J. N., "Astrophysical Neutrinos", 2002IJMPA..17S...6B ADS
- Bahcall, J. N., Brown, L. S., Guzinov, A., & Sawyer, R. F., "The Salpeter plasma correction for solar fusion reactions", 2002A&A...383..291B ADS
- Bahcall, J. N., "How many σ 's is the solar neutrino effect?", 2001PhRvC..65a5802B ADS
- Bahcall, J., "How the Sun Shines", 2001Mercu..30e..30B ADS
- Bahcall, J. N., Concha Gonzalez-García, M., & Peña-Garay, C., "Global analysis of solar neutrino oscillations including SNO CC measurement", 2001JHEP...08..014B ADS
- Bahcall, J. & Waxman, E., "High energy astrophysical neutrinos: The upper bound is robust", 2001PhRvD..64b3002B ADS
- Bahcall, J. N., "High-energy physics: Neutrinos reveal split personalities", 2001Natur.412...29B ADS
- Bahcall, J. N., Pinsonneault, M. H., & Basu, S., "Solar Models: Current Epoch and Time Dependences, Neutrinos, and Helioseismological Properties", 2001ApJ...555..990B ADS
- Zheng, Z., Flynn, C., Gould, A., Bahcall, J. N., & Salim, S., "M Dwarfs from Hubble Space Telescope Star Counts. IV.", 2001ApJ...555..393Z ADS
- Bahcall, J. N., "Astrophysical neutrinos", 2001NuPhS.100...5B ADS
- Bahcall, J. N., Krastev, P. I., & Smirnov, A. Y., "Solar neutrinos: global analysis and implications for SNO", 2001JHEP...05..015B ADS
- Majewski, S. R., Bahcall, J. N., Geisler, D., et al., "Taking Measure of the Milky Way", 2001AAS...198.6213M ADS
- Bahcall, J. N., "Astrophysical Neutrinos: 20th Century and Beyond", 2001neph.conf...56B ADS
- , "Neutrino Physics Its Impact on Particle Physics, Astrophysics and Cosmology", 2001neph.conf....B ADS
- Bahcall, J. N., "Solar Neutrinos: an Overview", 2001ppu..conf...63B ADS
- Bahcall, J. N., Krastev, P. I., & Smirnov, A. Y., "Correlations of solar neutrino observables for SNO", 2001PhRvD..63e3012B ADS
- Bahcall, J. N. & Avignone, F. T.: 2001, *Proceedings of the Carolina Symposium on Neutrino Physics : its impact on particle physics, astrophysics and cosmology : University of South Carolina, 10-12 March 2000* 2001nppip.book....B ADS
- Bahcall, J. N., "Why do Solar Neutrino Experiments Below 1 Mev?", 2001esn.conf...172B ADS
- Bahcall, J. N., "Astrophysical Neutrinos: 20th Century and Beyond", 2001NuPhS..91...9B ADS
- Bahcall, J. N., "Astrophysical Neutrinos", 2001IJMPA..16.4955B ADS
- Bahcall, J., "Astronomy: The Big Bang is bang on", 2000Natur.408..916B ADS
- Bahcall, J. N., "How the Sun Shines", 2000JRASC..94..219B ADS
- Bahcall, J., "Solar Interior: Neutrinos", in P. Murdin (Ed.), *Encyclopedia of Astronomy and Astrophysics*, 2072 2000eaa..bookE2072B ADS
- Bahcall, J. N., Krastev, P. I., & Smirnov, A. Y., "SNO: Predictions for ten measurable quantities", 2000PhRvD..62i3004B ADS
- Bahcall, J. N. & Waxman, E., "Ultra-High-Energy Cosmic Rays May Come from Clustered Sources", 2000ApJ...542..542B ADS
- Waxman, E. & Bahcall, J. N., "Neutrino Afterglow from Gamma-Ray Bursts: 10^{18} EV", 2000ApJ...541..707W ADS
- Bahcall, J. N. & Mészáros, P., "5-10 GeV Neutrinos from Gamma-Ray Burst Fireballs", 2000PhRvL..85.1362B ADS
- Bahcall, J. N., "Solar neutrinos: an overview", 2000PhR...333...47B ADS
- Savage, B. D., Wakker, B., Jannuzi, B. T., et al., "The Hubble Space Telescope Quasar Absorption Line Key Project. XV. Milky Way Absorption Lines", 2000ApJS..129..563S ADS
- Bahcall, J. N., "Solar neutrinos", 2000AIPC..533...91B ADS
- Kirhakos, S., Sargent, W. L. W., Schneider, D. P., et al., "VizieR Online Data Catalog: HST quasar absorption-line key project. VIII. (Kirhakos+, 1994)", 2000yCat...61060646K ADS
- Bahcall, J. N. & Davis, Raymond, J., "The Evolution of Neutrino Astronomy", 2000PASP..112..429B ADS
- Bahcall, J. N., Krastev, P. I., & Smirnov, A. Y., "What will the first year of SNO show?", 2000PhLb..477..401B ADS
- Basu, S., Pinsonneault, M. H., & Bahcall, J. N., "How Much Do Helioseismological Inferences Depend on the Assumed Reference Model?", 2000ApJ...529.1084B ADS
- Bahcall, J. N., "Solar neutrinos", 2000upse.conf..126B ADS
- Bahcall, J. N., "Solar Neutrinos: an Overview", 2000PhST...85...63B ADS
- Bahcall, J. N., "Solar neutrinos: An overview", 1999CSci...77.1487B ADS
- Bahcall, J. N., Krastev, P. I., & Smirnov, A. Y., "Is a large mixing angle MSW effect the solution of the solar neutrino problems?", 1999PhRvD..60i3001B ADS
- Bahcall, J., "Ulrich's Explanation for the Solar Five Minute Oscillations", 1999ApJ...525C1199B ADS
- Kirhakos, S., Bahcall, J. N., Schneider, D. P., & Kristian, J., "The Host Galaxies of Three Radio-loud Quasars: 3C 48, 3C 345, and B2 1425+267", 1999ApJ...520...67K ADS
- Bahcall, J. N., "Standard solar models", 1999NuPhS..77...64B ADS
- Bahcall, J. N., "What can we learn from past discoveries?", 1999AAS...194.9501B ADS
- Basu, S., Pinsonneault, M. H., & Bahcall, J. N., "How much do helioseismological inferences depend upon the assumed reference model?", 1999AAS...194.5603B ADS
- Bahcall, J. N., "How does the sun shine?", 1999AAS...194.2701B ADS
- Bahcall, J. N.: 1999b, *BSGMODEL: The Bahcall-Soneira Galaxy Model*, Astrophysics Source Code Library, record ascl:9904.001 1999ascl.soft04001B ADS
- Bahcall, J., "Solar Neutrinos: Where We Are", 1999psc..conf....2B ADS
- Bahcall, J. N., "Solar Neutrinos", 1999nwap.conf...28B ADS
- Bahcall, J. N., "Standard Solar Models", 1999nemp.conf...77B ADS
- Bahcall, J. N., "Solar Neutrinos: An Overview", 1999ccmn.conf...37B ADS
- Bahcall, J. N., "Prioritizing Science: A Story of the Decade Survey for the 1990s", in D. H. DeVorkin (Ed.), *The American Astronomical Society's first century*, 289 1999aasf.book..289B ADS
- Flynn, C., Gould, A., & Bahcall, J., "Faint Star Counts with HST", 1999ASPC..165..387F ADS
- Waxman, E. & Bahcall, J. N., "An upper bound to the high-energy neutrino flux from astrophysical sources", 1998tx19.confE.618W ADS
- Waxman, E. & Bahcall, J., "High energy neutrinos from astrophysical sources: An upper bound", 1998PhRvD..59b3002W ADS
- Odehahn, S. C., Djorgovski, S. G., Kulkarni, S. R., et al., "The Host Galaxy of the Gamma-Ray Burst 971214", 1998ApJ...509L...50 ADS
- Bahcall, J. N., Krastev, P. I., & Smirnov, A. Y., "Where do we stand with solar neutrino oscillations?", 1998PhRvD..58i6016B ADS
- Adelberger, E. G., Austin, S. M., Bahcall, J. N., et al., "Solar fusion cross sections", 1998RvMP...70.1265A ADS
- Weymann, R. J., Jannuzi, B. T., Lu, L., et al., "The Hubble Space Telescope Quasar Absorption Line Key Project. XIV. The Evolution of Ly α Absorption Lines in the Redshift Interval $z = 0-1.5$ ", 1998ApJ...506...1W ADS
- Guhathakurta, P., Webster, Z. T., Yanny, B., Schneider, D. P., & Bahcall, J. N., "Globular Cluster Photometry with the Hubble Space Telescope. VII. Color Gradients and Blue Stragglers in the Central Region of M30 from Wide Field Planetary Camera 2 Observations", 1998AJ...116.1757G ADS
- Bahcall, J. N. & Krastev, P. I., "Do hep neutrinos affect the solar neutrino energy spectrum?", 1998PhLb..436..243B ADS
- Jannuzi, B. T., Bahcall, J. N., Bergeron, J., et al., "The Hubble Space Telescope Quasar Absorption Line Key Project. XIII. A Census of Absorption-Line Systems at Low Redshift", 1998ApJS..118...1J ADS
- Guzinov, A. V. & Bahcall, J. N., "Screening in Thermonuclear Reaction Rates in the Sun", 1998ApJ...504..996G ADS
- Gould, A., Flynn, C., & Bahcall, J. N., "Spheroidal Luminosity and Mass Functions from Hubble Space Telescope Star Counts", 1998ApJ...503..798G ADS
- Bahcall, J. N., Chen, X., & Kamionkowski, M., "Electron-screening correction for the proton-proton reaction", 1998PhRvC..57.2756B ADS
- Bahcall, J., "Hans Bethe Prize Recipient: Solar Neutrinos: from Darwin to Bethe to Superkamiokande and SNO", 1998APS..APR..I104B ADS
- Bahcall, J., "Solar neutrinos: where we are, what we need", 1998NuPhA.631...29B ADS
- Bahcall, J., "Solar Neutrinos: Where We Are", 1998tsra.conf...99B ADS
- Bahcall, J. N., Basu, S., & Pinsonneault, M. H., "How uncertain are solar neutrino predictions?", 1998PhLb..433...1B ADS
- Bahcall, J., "The Standard Solar Model", 1997snms.conf...1B ADS
- , "Solar Neutrinos: News About SNUs", 1997snms.conf....B ADS
- Bahcall, J. N., "Gallium solar neutrino experiments: Absorption cross sections, neutrino spectra, and predicted event rates", 1997PhRvC..56.3391B ADS
- Bahcall, J., "What Have We Learned from the Decade Survey for the 1990s?", 1997AAS...191.6101B ADS
- Bahcall, J., "Gallium solar neutrino experiments", 1997AAS...191.2601B ADS
- Bahcall, J. N., "Space Interferometry: the Next Frontier?", 1997AAS...191.2301B ADS
- Bahcall, J., "An Introduction To Solar Neutrino Research", 1997hep.ph...11358B ADS
- Bahcall, J. N. & Krastev, P. I., "Does the Sun appear brighter at night in neutrinos?", 1997PhRvC..56.2839B ADS
- Guzinov, A. V. & Bahcall, J. N., "The ^7Be Electron Capture Rate in the Sun", 1997ApJ...490..437G ADS
- Bahcall, J. N. & Ostriker, J. P., "Obituaries: Lyman Spitzer, Jr.", 1997PhT...50j.123B ADS
- Bahcall, J. N., "8B Solar Neutrinos", 1997APS..DNP..BB01B ADS

- Bahcall, J. N., Basu, S., & Kumar, P., "Localized Helioseismic Constraints on Solar Structure", 1997ApJ...485L..91B ADS
- Gould, A., Bahcall, J. N., & Flynn, C., "M Dwarf Stars from Hubble Space Telescope Star Counts. III. The Groth Strip", 1997ApJ...482..913G ADS
- Bahcall, J. N., "Prioritizing Science: A Story of the Decade Survey for the 1990s", 1997astro.ph..4255B ADS
- Bahcall, J. N., Kirhakos, S., Saxe, D. H., & Schneider, D. P., "Hubble Space Telescope Images of a Sample of 20 Nearby Luminous Quasars", 1997ApJ...479..642B ADS
- Bahcall, J., "Recent Highlights of Hubble Space Telescope Observations", 1997APS...APR..C601B ADS
- Waxman, E. & Bahcall, J., "High Energy Neutrinos from Cosmological Gamma-Ray Burst Fireballs", 1997PhRvL...78.2292W ADS
- Bahcall, J. N. & Krastev, P. I., "What can be learned by measuring the fluxes of the ${}^7\text{Be}$ and the pep solar neutrino lines?", 1997PhRvC...55..929B ADS
- Bahcall, J. N. & Kamionkowski, M., "The proton-proton reaction, solar neutrinos, and a relativistic field theoretic model of the deuteron", 1997NuPhA.625..893B ADS
- Cohen, R. L., Guhathakurta, P., Yanny, B., Schneider, D. P., & Bahcall, J. N., "Globular Cluster Photometry with the Hubble Space Telescope. VI. WF/PC-I Observations of the Stellar Populations in the Core of M13 (NGC 6205)", 1997AJ...113..669C ADS
- Bahcall, J. N., "Solar neutrinos: solved and unsolved problems.", 1997upa...conf..195B ADS
- , "Unsolved Problems in Astrophysics", 1997upa...conf....B ADS
- Bahcall, J. N., Kirhakos, S., & Schneider, D. P., "HST Images of Twenty Nearby Luminous Quasars", 1997quho.conf...37B ADS
- Bahcall, J. N., Kirhakos, S., Saxe, D. H., & Schneider, D. P., "Hubble Space Telescope Images of a Sample of Twenty Nearby Luminous Quasars", 1997hsth.conf...387B ADS
- Bahcall, J. N., Pinsonneault, M. H., Basu, S., & Christensen-Dalsgaard, J., "Are Standard Solar Models Reliable?", 1997PhRvL...78..171B ADS
- Bahcall, J. N., Krastev, P. I., & Lisi, E., "Neutrino oscillations and moments of electron spectra", 1997PhRvC...55..494B ADS
- Bahcall, J. N., "How well do standard solar models describe the results of solar neutrino experiments?", 1997MmSAI...68..361B ADS
- Bahcall, J. N., "Is H0 Well Defined?", 1996PASP...108.1097B ADS
- Bahcall, J. N. & Pinsonneault, M. H., "Helioseismology, Solar Models, and Solar Neutrinos", 1996AAS...189.5601B ADS
- Bahcall, J. N. & Lisi, E., "Tests of electron flavor conservation with the Sudbury Neutrino Observatory", 1996PhRvD...54.5417B ADS
- Bahcall, J. N. & Pinsonneault, M. H., "Status of Solar Models", 1996hep.ph...10542B ADS
- Jannuzi, B. T., Hartig, G. F., Kirhakos, S., et al., "The Hubble Space Telescope Quasar Absorption Line Key Project: The Unusual Absorption-Line System in the Spectrum of PG 2302+029—Ejected or Intervening?", 1996ApJ...470L..11J ADS
- Bahcall, J. & Halzen, F., "Neutrino astronomy: the Sun and beyond.", 1996PhyW...9...41B ADS
- Fisher, K. B., Bahcall, J. N., Kirhakos, S., & Schneider, D. P., "Galaxy Clustering around Nearby Luminous Quasars", 1996ApJ...468..469F ADS
- Bahcall, J. N., "Solar Neutrinos: Where We Are, Where We Are Going", 1996ApJ...467..475B ADS
- Flynn, C., Gould, A., & Bahcall, J. N., "Hubble Deep Field Constraint on Baryonic Dark Matter", 1996ApJ...466L..55F ADS
- Bahcall, J. N., Calaprice, F., McDonald, A. B., & Totsuka, Y., "Solar neutrino experiments: The next generation", 1996PhT...49g..30B ADS
- Bahcall, J. N., Lisi, E., Alburger, D. E., et al., "Standard neutrino spectrum from ${}^8\text{B}$ decay", 1996PhRvC...54..411B ADS
- Gould, A., Bahcall, J. N., & Flynn, C., "Disk M Dwarf Luminosity Function from Hubble Space Telescope Star Counts", 1996ApJ...465..759G ADS
- Bahcall, J. N., "Solar Neutrinos: Where We Are, Where We Are Going", 1996NuPhS...48..309B ADS
- Bahcall, J. N. & Krastev, P. I., "How well do we (and will we) know solar neutrino fluxes and oscillation parameterstextbackslash?", 1996PhRvD...53.4211B ADS
- Bahcall, J. N. & Ulmer, A., "Temperature dependence of solar neutrino fluxes", 1996PhRvD...53.4202B ADS
- Norman, E. B., Bahcall, J. N., & Goldhaber, M., "Improved limit on charge conservation derived from ${}^{71}\text{Ga}$ solar neutrino experiments", 1996PhRvD...53.4086N ADS
- Bahcall, J. N., Fukugita, M., & Krastev, P. I., "How does the sun shine?", 1996PhLB...374...1B ADS
- Kumar, P., Quataert, E. J., & Bahcall, J. N., "Observational Searches for Solar g-Modes: Some Theoretical Considerations", 1996ApJ...458L..83K ADS
- Bahcall, J. N., Kirhakos, S., & Schneider, D. P., "The Apparently Normal Galaxy Hosts for Two Luminous Quasars", 1996ApJ...457..557B ADS
- Bahcall, J. N., "Solar interior and solar neutrinos.", 1996stsu.conf..279B ADS
- Shi, X., Schramm, D. N., & Bahcall, J. N., "Monte Carlo Exploration of Mikheyev-Smirnov-Wolfenstein Solutions to the Solar Neutrino Problem", in The Big Bang and Other Explosions in Nuclear and Particle Astrophysics. Edited by SCHRAMM DAVID N. Published by World Scientific Publishing Co. Pte. Ltd, 701-704 1996bboe.book..701S ADS
- Fisher, K. B., Bahcall, J. N., Kirhakos, S., & Schneider, D. P.: 1996, *Galaxy Clustering Around Nearby Luminous Quasars*, Technical Report, Institute for Advanced Study; Pennsylvania State Univ. Princeton, NJ United States; University Park, PA United States School of Natural Sciences.; Dept. of Astronomy and Astrophysics. 1996STIN...9621450F ADS
- Guhathakurta, P., Yanny, B., Bahcall, J. N., & Schneider, D. P., "Preliminary Study of the Stellar Populations and Density Profile of NGC 6624 Using LIST", 1996IAUS...174..333G ADS
- Guhathakurta, P., Yanny, B., Schneider, D. P., & Bahcall, J. N., "Hubble Space Telescope Studies of the Dense Central Regions of Globular Clusters", 1996IAUS...174...19G ADS
- Bahcall, J. N., Bergeron, J., Boksenberg, A., et al., "The Hubble Space Telescope Quasar Absorption Line Key Project. VII. Absorption Systems at $Z \leq 1.3$ ", 1996ApJ...457...19B ADS
- Guhathakurta, P., Yanny, B., Schneider, D. P., & Bahcall, J. N., "Globular Cluster Photometry With the Hubble Space Telescope. V. WFPC Study of M15's Central density Cusp", 1996AJ...111..267G ADS
- Bahcall, J. N., Kirhakos, S., & Schneider, D. P.: 1995a, *PKS 2349-014: A Luminous Quasar with Thin Wisps, a Large Off-Center Nebulosity, and a Close Companion Galaxy: Erratum*, Astrophysical Journal Letters v.454, p.L175 1995ApJ...454L.175B ADS
- Bahcall, J. N., Pinsonneault, M. H., & Wasserburg, G. J., "Solar models with helium and heavy-element diffusion", 1995RvMP...67..781B ADS
- Bahcall, J. N., Kirhakos, S., Schneider, D. P., et al., "Hubble Space Telescope and MERLIN Observations of the Jet in 3C 273", 1995ApJ...452L..91B ADS
- Bahcall, J. N., Kirhakos, S., & Schneider, D. P., "Hubble Space Telescope Images of Nearby Luminous Quasars. II. Results for Eight Quasars and Tests of the Detection Sensitivity", 1995ApJ...450..486B ADS
- Bahcall, J. N., Krastev, P. I., & Leung, C. N., "Solar neutrinos and the principle of equivalence", 1995PhRvD...52.1770B ADS
- Bahcall, J.: 1995, *Host Galaxies of Luminous Nearby Quasars*, HST Proposal ID 5849. Cycle 5 1995hst...prop.5849B ADS
- Laor, A., Bahcall, J. N., Jannuzi, B. T., Schneider, D. P., & Green, R. F., "The Ultraviolet Emission Properties of 13 Quasars", 1995ApJS...99...1L ADS
- Bahcall, J. N., Kirhakos, S., & Schneider, D. P., "PKS 2349-014: A Luminous Quasar with Thin Wisps, a Large Off-Center Nebulosity, and a Close Companion Galaxy", 1995ApJ...447L..1B ADS
- Bahcall, J. N., Kamionkowski, M., & Sirlin, A., "Solar neutrinos: Radiative corrections in neutrino-electron scattering experiments", 1995PhRvD...51.6146B ADS
- Bahcall, J. N., "Two solar neutrino problems", 1995NuPhS...43...41B ADS
- Bahcall, J. N., "What causes a quasar?", 1995STSI...12...1B ADS
- Bahcall, J. N., Lande, K., Lanou, R. E., et al., "Progress and prospects in neutrino astrophysics", 1995Natur...375...29B ADS
- Stengler-Larrea, E. A., Boksenberg, A., Steidel, C. C., et al., "The Hubble Space Telescope Quasar Absorption Line Key Project. V. Redshift Evolution of Lyman Limit Absorption in the Spectra of a Large Sample of Quasars", 1995ApJ...444...64S ADS
- Gould, A., Bahcall, J. N., Maoz, D., & Yanny, B., "Star Counts from the HST Snapshot Survey. II. Wide Binaries", 1995ApJ...441..200G ADS
- Bahcall, J. N., Krastev, P. I., & Lisi, E., "Limits on electron-neutrino oscillations from the GALLEX ${}^{51}\text{Cr}$ source experiment", 1995PhLB...348..121B ADS
- Maoz, D., Filippenko, A. V., Ho, L. C., et al., "Detection of Compact Ultraviolet Nuclear Emission in LINER Galaxies", 1995ApJ...440...91M ADS
- Bahcall, J. N. & et al., "Has a Standard Model Solution to the Solar Neutrino Problem been Found?", 1995somo.conf..121B ADS
- Bahcall, J. N., "Solar Neutrinos: Where we are, where we are going", 1995somo.conf....1B ADS
- , "Solar Modeling", 1995somo.conf....B ADS
- Bahcall, J. N., "How Many Solar Neutrino Experiments Are Wrong?", 1995psc...conf..271B ADS
- Bahcall, J. N., "Two Solar Neutrino Problems", 1995fras.conf..151B ADS
- Bahcall, J. N., "How Many Solar Neutrino Experiments Are Wrong?", 1995NuPhS...38...98B ADS
- Bahcall, J. N., "Solar neutrinos: what we have learned.", in I. W. Roxburgh and J.-L. Masnou (Eds.), Particle Physics and Astrophysics, Vol. 458, 19-36 1995LNP...458...19B ADS
- Bahcall, J. N. & Glasner, A., "Solar Neutrinos: Sensitivity to Pre-Main-Sequence Evolution and to the Depth of the Convective Zone", 1994ApJ...437..485B ADS

- Guhathakurta, P., Yanny, B., Schneider, D. P., & Bahcall, J. N., “*HST WFPC2 Study of the Density Profile and Stellar Populations in M15*”, 1994AAS...18510414G ADS
- Bahcall, J., “*What Have We Learned About Solar Neutrinos?*”, 1994AAS...18510001B ADS
- Bahcall, J., “*Host and Companion Galaxies of Luminous, Nearby Quasars*”, 1994AAS...185.9302B ADS
- Bergeron, J., Petitjean, P., Sargent, W. L. W., et al., “*The Hubble Space Telescope Quasar Absorption Line Key Project. VI. Properties of the Metal-rich Systems*”, 1994ApJ...436...33B ADS
- Yanny, B., Guhathakurta, P., Schneider, D. P., & Bahcall, J. N., “*WFPC2 Observations of the Globular Cluster M30*”, 1994ApJ...435L...59Y ADS
- Bahcall, J. N., Flynn, C., Gould, A., & Kirhakos, S., “*M Dwarfs, Microlensing, and the Mass Budget of the Galaxy*”, 1994ApJ...435L...51B ADS
- Bahcall, J. N., Kirhakos, S., & Schneider, D. P., “*HST Images of Nearby Luminous Quasars*”, 1994ApJ...435L...11B ADS
- Guhathakurta, P., Yanny, B., Bahcall, J. N., & Schneider, D. P., “*Globular Clusters Photometry With the Hubble Space Telescope. III. Blue Stragglers and Variable Stars in the Core of M3*”, 1994AJ...108.1786G ADS
- Bahcall, J. N., “*Two solar neutrino problems*”, 1994PhLB...338...276B ADS
- Bahcall, J. N. & Barnes, C. A.: 1994, *Has a standard model solution to the solar neutrino problem been found?* 1994ASTIN...9520490B ADS
- Kirhakos, S., Sargent, W. L. W., Schneider, D. P., et al., “*The HST Quasar Absorption Line Key Project VIII. CCD Imaging of Hubble Space Telescope Quasar Fields*”, 1994PASP...106...646K ADS
- Yanny, B., Guhathakurta, P., Bahcall, J. N., & Schneider, D. P., “*Globular Cluster Photometry With the Hubble Space Telescope. II. U,V, And I Measurements of M15*”, 1994AJ...107.1745Y ADS
- Bahcall, J. N., “*Solar Neutrinos: Where We Are, Where We Are Going*”, 1994astro.ph...4070B ADS
- Bahcall, J. N., “*Has A Standard Model Solution to the Solar Neutrino Problem Been Found?*”, 1994astro.ph...4002B ADS
- Bahcall, J. N., “*⁷Be solar neutrino line: A reflection of the central temperature distribution of the Sun*”, 1994PhRvD...49.3923B ADS
- Bahcall, J. N., “*Distantly detecting deuterium*”, 1994Natur.368..584B ADS
- Gould, A., Miralda-Escude, J., & Bahcall, J. N., “*Microlensing Events: Thin Disk, Thick Disk, or Halo?*”, 1994ApJ...423L.105G ADS
- Schneider, D. P., Bahcall, J. N., Saxe, D. H., et al., “*VizieR Online Data Catalog: Positions of high-redshift luminous quasars (Schneider+ 1992)*”, 1994yCat.7149...0S ADS
- Smirnov, A. Y., Spergel, D. N., & Bahcall, J. N., “*Is large lepton mixing excluded?*”, 1994PhRvD...49.1389S ADS
- Thoul, A. A., Bahcall, J. N., & Loeb, A., “*Element Diffusion in the Solar Interior*”, 1994ApJ...421...828T ADS
- Bahcall, J. N., Cabibbo, N., & Yahil, A., “*Are Neutrinos Stable Particles?*”, in J. N. Bahcall, J. Davis, R., P. Parker, A. Smirnov, and R. Ulrich (Eds.), Solar Neutrinos. The First Thirty Years, 285 1994snft.book...285B ADS
- Bahcall, J. N. & Frautschi, S. C., “*Lepton Non-Conservation and Solar Neutrinos*”, in J. N. Bahcall, J. Davis, R., P. Parker, A. Smirnov, and R. Ulrich (Eds.), Solar Neutrinos. The First Thirty Years, 277 1994snft.book...277B ADS
- Bahcall, J. N. & Moeller, C. P., “*The ⁷Be Electron-Capture Rate*”, in J. N. Bahcall, J. Davis, R., P. Parker, A. Smirnov, and R. Ulrich (Eds.), Solar Neutrinos. The First Thirty Years, 222 1994snft.book...222B ADS
- Bahcall, J. N. & May, R. M., “*The Rate of the Proton-Proton Reaction*”, in J. N. Bahcall, J. Davis, R., P. Parker, A. Smirnov, and R. Ulrich (Eds.), Solar Neutrinos. The First Thirty Years, 218 1994snft.book...218B ADS
- Parker, P. D., Bahcall, J. N., & Fowler, W. A., “*Termination of the Proton-Proton Chain in Stellar Interiors*”, in J. N. Bahcall, J. Davis, R., P. Parker, A. Smirnov, and R. Ulrich (Eds.), Solar Neutrinos. The First Thirty Years, 212 1994snft.book...212P ADS
- Bahcall, J. N., “*Electron Capture and Nuclear Matrix Elements of Be⁷*”, in J. N. Bahcall, J. Davis, R., P. Parker, A. Smirnov, and R. Ulrich (Eds.), Solar Neutrinos. The First Thirty Years, 198 1994snft.book...198B ADS
- Bahcall, J. N. & Davis, R., J., “*Solar Neutrinos: A Scientific Puzzle*”, in J. N. Bahcall, J. Davis, R., P. Parker, A. Smirnov, and R. Ulrich (Eds.), Solar Neutrinos. The First Thirty Years, 141 1994snft.book...141B ADS
- Bahcall, J. N., Baldo-Ceolin, M., Cline, D. B., & Rubbia, C., “*Predictions for a Liquid Argon Solar Neutrino Detector*”, in J. N. Bahcall, J. Davis, R., P. Parker, A. Smirnov, and R. Ulrich (Eds.), Solar Neutrinos. The First Thirty Years, 123 1994snft.book...123B ADS
- Bahcall, J. N., Cleveland, B. T., Davis, R., J., et al., “*Proposed Solar-Neutrino Experiment Using ⁷¹Ge*”, in J. N. Bahcall, J. Davis, R., P. Parker, A. Smirnov, and R. Ulrich (Eds.), Solar Neutrinos. The First Thirty Years, 116 1994snft.book...116B ADS
- Bahcall, J. N., “*Neutrino-Spectroscopy of the Solar Interior*”, in J. N. Bahcall, J. Davis, R., P. Parker, A. Smirnov, and R. Ulrich (Eds.), Solar Neutrinos. The First Thirty Years, 113 1994snft.book...113B ADS
- Bahcall, J. N. & Bethe, H. A., “*Do Solar-Neutrino Experiments Imply New Physics?*”, in J. N. Bahcall, J. Davis, R., P. Parker, A. Smirnov, and R. Ulrich (Eds.), Solar Neutrinos. The First Thirty Years, 65 1994snft.book...65B ADS
- Bahcall, J. N. & Pinsonneault, M. H., “*Standard Solar Models, With and Without Helium Diffusion, and the Solar Neutrino Problem*”, in J. N. Bahcall, J. Davis, R., P. Parker, A. Smirnov, and R. Ulrich (Eds.), Solar Neutrinos. The First Thirty Years, 60 1994snft.book...60B ADS
- Bahcall, J. N. & Ulrich, R. K., “*Solar Models, Neutrino Experiments, and Helioseismology*”, in J. N. Bahcall, J. Davis, R., P. Parker, A. Smirnov, and R. Ulrich (Eds.), Solar Neutrinos. The First Thirty Years, 58 1994snft.book...58B ADS
- Bahcall, J. N., Huebner, W. F., Lubow, S. H., Parker, P. D., & Ulrich, R. K., “*Standard Solar Models and the Uncertainties in Predicted Capture Rates of Solar Neutrinos*”, in J. N. Bahcall, J. Davis, R., P. Parker, A. Smirnov, and R. Ulrich (Eds.), Solar Neutrinos. The First Thirty Years, 57 1994snft.book...57B ADS
- Bahcall, J. N., Bahcall, N. A., & Ulrich, R. K., “*Sensitivity of the Solar-Neutrino Fluxes*”, in J. N. Bahcall, J. Davis, R., P. Parker, A. Smirnov, and R. Ulrich (Eds.), Solar Neutrinos. The First Thirty Years, 54 1994snft.book...54B ADS
- Bahcall, J. N., Bahcall, N. A., & Shaviv, G., “*Present Status of the Theoretical Predictions for the ³⁷Cl Solar-Neutrino Experiment*”, in J. N. Bahcall, J. Davis, R., P. Parker, A. Smirnov, and R. Ulrich (Eds.), Solar Neutrinos. The First Thirty Years, 45 1994snft.book...45B ADS
- Bahcall, J. N. & Davis, R., J., “*On the Problem of Detecting Solar Neutrinos*”, in J. N. Bahcall, J. Davis, R., P. Parker, A. Smirnov, and R. Ulrich (Eds.), Solar Neutrinos. The First Thirty Years, 42 1994snft.book...42B ADS
- Bahcall, J. N., Fowler, W. A., Iben, I., J., & Sears, R. L., “*Solar Neutrino Flux*”, in J. N. Bahcall, J. Davis, R., P. Parker, A. Smirnov, and R. Ulrich (Eds.), Solar Neutrinos. The First Thirty Years, 30 1994snft.book...30B ADS
- Bahcall, J. N., “*Solar Neutrino Experiments*”, in J. N. Bahcall, J. Davis, R., P. Parker, A. Smirnov, and R. Ulrich (Eds.), Solar Neutrinos. The First Thirty Years, 29 1994snft.book...29B ADS
- Bahcall, J. N., “*Solar Neutrinos*”, in J. N. Bahcall, J. Davis, R., P. Parker, A. Smirnov, and R. Ulrich (Eds.), Solar Neutrinos. The First Thirty Years, 23 1994snft.book...23B ADS
- Bahcall, J. N., “*Neutrino Opacity. I. Neutrino-Lepton Scattering*”, in J. N. Bahcall, J. Davis, R., P. Parker, A. Smirnov, and R. Ulrich (Eds.), Solar Neutrinos. The First Thirty Years, 18 1994snft.book...18B ADS
- Bahcall, J. N., “*Solar Neutrinos. I. Theoretical*”, in J. N. Bahcall, J. Davis, R., P. Parker, A. Smirnov, and R. Ulrich (Eds.), Solar Neutrinos. The First Thirty Years, 9 1994snft.book...9B ADS
- Bahcall, J. N., “*Standard Model Expectations: Introduction*”, in J. N. Bahcall, J. Davis, R., P. Parker, A. Smirnov, and R. Ulrich (Eds.), Solar Neutrinos. The First Thirty Years, 3 1994snft.book...3B ADS
- Bahcall, J. N., Davis, R., J., Parker, P., Smirnov, A., & Ulrich, R.: 1994, *Solar neutrinos. The first thirty years*, Vol. 92 1994snft.book...92B ADS
- Bahcall, J.: 1994a, *The Stellar Density Distributions in the Centers of Galactic Globular Clusters*, HST Proposal ID 5687. Cycle 4 1994hst.prop.5687B ADS
- Bahcall, J.: 1994b, *Quasar Absorption Line Survey - Cycle 4 High*, HST Proposal ID 5664. Cycle 4 1994hst.prop.5664B ADS
- Bahcall, J.: 1994c, *The Stellar Density Distributions in the Centers of Galactic Globular Clusters: Cycle 4 Observations*, HST Proposal ID 5603. Cycle 4 1994hst.prop.5603B ADS
- Bahcall, J.: 1994d, *WFC Imaging of Nearby Bright Quasars*, HST Proposal ID 5343. Cycle 4 1994hst.prop.5343B ADS
- Bahcall, J.: 1994e, *Imaging and Spectroscopy of a Complete Sample of Bright Nearby Quasars: I. Imaging*, HST Proposal ID 5099. Cycle 4 1994hst.prop.5099B ADS
- Kamionkowski, M. & Bahcall, J. N., “*Vacuum-polarization corrections to solar-fusion rates*”, 1994PhRvC...49...545K ADS
- Kamionkowski, M. & Bahcall, J. N., “*The Rate of the Proton-Proton Reaction*”, 1994ApJ...420...884K ADS
- Laor, A., Bahcall, J. N., Jannuzi, B. T., et al., “*The Ultraviolet Emission Properties of Five Low-Redshift Active Galactic Nuclei at High Signal-to-Noise Ratio and Spectral Resolution*”, 1994ApJ...420...110L ADS
- van Gorkom, J. H., Bahcall, J. N., Jannuzi, B. T., & Schneider, D. P., “*A Very Large Array Search for Emission From HI Associated With Nearby Lyman alpha Absorption*”, 1993AJ...106.2213V ADS
- Yanny, B., Guhathakurta, P., Schneider, D. P., & Bahcall, J., “*The centers of two very dense Globular Clusters*”, 1993AAS...183.2402Y ADS
- Guenther, D. B., Pinsonneault, M. H., & Bahcall, J. N., “*The Effects of Helium Diffusion on Solar p-Mode Frequencies*”, 1993ApJ...418...469G ADS
- Bahcall, J. N., “*Central temperature of the Sun can be measured via the ⁷Be solar neutrino line*”, 1993PhRvL...71.2369B ADS

- Gould, A., Bahcall, J. N., & Maoz, D., "Star Counts from the Hubble Space Telescope Snapshot Survey. I. Galactic Models", 1993ApJS...88...53G ADS
- Savage, B. D., Lu, L., Bahcall, J. N., et al., "The Hubble Space Telescope Quasar Absorption Line Key Project. III. First Observational Results on Milky Way Gas", 1993ApJ...413...116S ADS
- Schneider, D. P., Hartig, G. F., Jannuzi, B. T., et al., "The Hubble Space Telescope Quasar Absorption Line Key Project. II. Data Calibration and Absorption-Line Selection", 1993ApJS...87...45S ADS
- Bahcall, J. N., Bergeron, J., Bokserberg, A., et al., "The Hubble Space Telescope Quasar Absorption Line Key Project. I. First Observational Results, Including Lyman-Alpha and Lyman-Limit Systems", 1993ApJS...87...1B ADS
- Spinrad, H., Filippenko, A. V., Yee, H. K., et al., "Hydrogen and Metal Absorption Lines in PKS 0405-123 From the Halos of Low Redshift Galaxies", 1993AJ...106...1S ADS
- Bahcall, J. N. & Kumar, P., "G-Modes and the Solar Neutrino Problem", 1993ApJ...409L..73B ADS
- Maoz, D., Bahcall, J. N., Schneider, D. P., et al., "The Hubble Space Telescope Snapshot Survey. IV. A Summary of the Search for Gravitationally Lensed Quasars", 1993ApJ...409...28M ADS
- Bahcall, J. N., "Recent work on standard solar models", 1993NuPhS...31..125B ADS
- Guhathakurta, P., Yanny, B., Schneider, D. P., & Bahcall, J. N., "Erratum - Globular Cluster Photometry with the Hubble Space Telescope - Part One - Description of the Method and Analysis of the Core of 47-TUCANAE", 1993AJ...105.1607G ADS
- Bahcall, J. N., Jannuzi, B. T., Schneider, D. P., & Hartig, G. F., "The Ultraviolet Absorption Spectrum of the Quasar PKS 0405-12 and the Local Density of Lyman-Alpha Absorption Systems", 1993ApJ...405...491B ADS
- Bahcall, J. N. & Bethe, H. A., "Do solar-neutrino experiments imply new physics-textbackslash?", 1993PhRvD...47.1298B ADS
- Bahcall, J. N., "Uncertainties in the calculated solar neutrino fluxes", 1993paas.conf...63B ADS
- Maoz, D., Bahcall, J. N., Doxsey, R., et al., "The Hubble Space Telescope Snapshot Survey. III. Further Observations in Search of Gravitationally Lensed Quasars", 1993ApJ...402...69M ADS
- Guhathakurta, P., Yanny, B., Schneider, D. P., & Bahcall, J. N., "An HST Study of Blue Stragglers in 47 TUC and M15", 1993ASPC...53...60G ADS
- Guhathakurta, P., Yanny, B., Schneider, D. P., & Bahcall, J. N., "Stellar Photometry in the Core of 47-TUCANAE Using HST", 1993ASPC...50..303G ADS
- Yanny, B., Guhathakurta, P., Schneider, D. P., & Bahcall, J. N., "HST Observations of Globular Cluster Cores", 1993ASPC...50..275Y ADS
- Bahcall, J., "Summary Talk: International Symposium on Neutrino Astrophysics, Takayama/Kamioka (10/92)", 1992hep.ph...12262B ADS
- Bahcall, J. N., Hartig, G. F., Jannuzi, B. T., Maoz, D., & Schneider, D. P., "Faint Object Spectrograph Observations of the Large-Redshift Gravitational Lens Candidate 1208+1011", 1992ApJ...400L..51B ADS
- Yanny, B., Guhathakurta, P., Schneider, D. P., & Bahcall, J. N., "Radial Density Profiles in the Centers of 47 TUC and M15 from HST Images", 1992AAS...18110802Y ADS
- Thoul, A. A., Bahcall, J. N., & Loeb, A., "Element Diffusion in the Solar Interior", 1992AAS...181.8106T ADS
- Guhathakurta, P., Yanny, B., Schneider, D. P., & Bahcall, J. N., "Globular Cluster Photometry with HST: Color-Mag Diagrams in the Dense Cores of 47 TUC and M15", 1992AAS...181.4307G ADS
- Guhathakurta, P., Yanny, B., Schneider, D. P., & Bahcall, J. N., "Globular Cluster Photometry With the Hubble Space Telescope. I. Description of the Method and Analysis of the Core of 47 TUC", 1992AJ...104.1790G ADS
- Bahcall, J. N. & Pinsonneault, M. H., "Standard solar models, with and without helium diffusion, and the solar neutrino problem", 1992RvMP...64..885B ADS
- Bahcall, J. N., Jannuzi, B. T., Schneider, D. P., Hartig, G. F., & Jenkins, E. B., "The Near-Ultraviolet Spectrum of Markarian 205", 1992ApJ...398..495B ADS
- Bahcall, J. N., Jannuzi, B. T., Schneider, D. P., Hartig, G. F., & Green, R. F., "The Ultraviolet Absorption Spectrum of the Quasar H1821+643 (z = 0.297)", 1992ApJ...397...68B ADS
- Rix, H.-W., Schneider, D. P., & Bahcall, J. N., "Hubble Space Telescope Wide Field Camera Imaging of the Gravitational Lens 2237+0305", 1992AJ...104..959R ADS
- Gould, A., Bahcall, J. N., & Maoz, D., "Star Counts From The HST Snapshot Survey", 1992AAS...181.3809G ADS
- Shi, X., Schramm, D. N., & Bahcall, J. N., "Monte Carlo exploration of Mikheyev-Smirnov-Wolfenstein solutions to the solar neutrino problem", 1992PhRvL...69..717S ADS
- Schneider, D. P., Bahcall, J. N., Saxe, D. H., et al., "Accurate Positions and Finding Charts for 528 High-Redshift, Luminous Quasars", 1992PASP...104..678S ADS
- Bahcall, J. N. & Pinsonneault, M. H., "Helium Diffusion in the Sun", 1992ApJ...395L.119B ADS
- Maoz, D., Bahcall, J. N., Doxsey, R., et al., "Gravitational Lensing of Quasars as Seen by the Hubble Space Telescope Snapshot Survey", 1992ApJ...394...51M ADS
- Bahcall, J.: 1992a, Quasar Absorption Line Survey - Cycle 3 High - Part 3, HST Proposal ID 5225. Cycle 3 1992hst..prop.5225B ADS
- Bahcall, J.: 1992b, Quasar Absorption Line Survey - Cycle 3 High - Part 2, HST Proposal ID 5081. Cycle 3 1992hst..prop.5081B ADS
- Bahcall, J.: 1992c, Quasar Absorption Line Survey - Cycle 3 High, HST Proposal ID 4581. Cycle 3 1992hst..prop.4581B ADS
- Bahcall, J. N., Maoz, D., Schneider, D. P., Yanny, B., & Doxsey, R., "Hubble Space Telescope Imaging of the Large-Redshift Gravitational Lens Candidate 1208+1011", 1992ApJ...392L...1B ADS
- Bahcall, J. N., Flynn, C., & Gould, A., "Local Dark Matter from a Carefully Selected Sample", 1992ApJ...389..234B ADS
- Schneider, D. P., Bahcall, J. N., Gunn, J. E., & Dressler, A., "The Cluster of Galaxies Associated with the Low-Redshift Quasar H1821+643", 1992AJ...103.1047S ADS
- Bahcall, J. N., Maoz, D., Doxsey, R., et al., "The Snapshot Survey: A Search for Gravitationally Lensed Quasars with the Hubble Space Telescope", 1992ApJ...387...56B ADS
- Barlow, N., Cordova, F. A., Bahcall, J., et al., "Women in astronomy: a sampler of issues and ideas.", 1992Mercuri...21..27B ADS
- Maoz, D., Bahcall, J. N., Schneider, D. P., et al., "A Gravitational Lens Candidate Discovered with the Hubble Space Telescope", 1992ApJ...386L...1M ADS
- Bahcall, J. N., "What do solar models tell us about solar neutrino experiments?", 1992AIPC...272.1111B ADS
- Harrison, S. W., Zirin, H., & Bahcall, J. N., "An Issue of Neglect for Astronomy?", 1992PhT...45b.128H ADS
- Bethe, H. A. & Bahcall, J. N., "Solar neutrinos and the Mikheyev-Smirnov-Wolfenstein theory", 1991PhRvD...44.2962B ADS
- Bahcall, J. N., "Shapes of solar-neutrino spectra: Unconventional tests of the standard electroweak model", 1991PhRvD...44.1644B ADS
- Maoz, D., Bahcall, J. N., Schneider, D. P., et al., "The HST Snapshot Survey: A Progress Report on New Gravitational Lenses and Lensing Statistics", 1991BAAS...23.1352M ADS
- Bahcall, J. N., Jannuzi, B., Schneider, D. P., & Hartig, G., "Ultraviolet HST Spectra of Three Small Redshift Quasars", 1991BAAS...23.1344B ADS
- Bahcall, J. N., Jannuzi, B. T., Schneider, D. P., et al., "The Ultraviolet Absorption Spectrum of 3C 273", 1991ApJ...377L...5B ADS
- Bahcall, J.: 1991a, Quasar Absorption Line Survey: Cycle 2 Observations Observations of 3C249-1, HST Proposal ID 4939. Cycle 2 1991hst..prop.4939B ADS
- Bahcall, J.: 1991b, Quasar Absorption Line Survey: Cycle 2 Observations Observations of OJ287 and PG1718+481, HST Proposal ID 4817. Cycle 2 1991hst..prop.4817B ADS
- Bahcall, J.: 1991c, Quasar Absorption Line - for HOPR#0083, HST Proposal ID 4799. Cycle 2 1991hst..prop.4799B ADS
- Bahcall, J.: 1991d, Do Galaxies Produce Quasar Absorption Lines? : Cycle 2, HST Proposal ID 4118. Cycle 2 1991hst..prop.4118B ADS
- Bahcall, J.: 1991e, Do Rich Clusters of Galaxies Produce Quasar Absorption Lines : Cycle 2, HST Proposal ID 4117. Cycle 2 1991hst..prop.4117B ADS
- Bahcall, J.: 1991f, Imaging and Spectroscopy of a Complete Sample of Bright Nearby Quasars: II. Spectroscopy: Cycle 2, HST Proposal ID 4115. Cycle 2 1991hst..prop.4115B ADS
- Bahcall, J.: 1991g, Evolution of Lyman-Alpha and CIV Absorption Systems: Cycle 2, HST Proposal ID 4112. Cycle 2 1991hst..prop.4112B ADS
- Bahcall, J.: 1991h, Quasar Absorption Line Survey: Cycle 2 Observations, HST Proposal ID 3791. Cycle 2 1991hst..prop.3791B ADS
- Bahcall, J.: 1991i, Do Galaxies Produce Quasar Absorption Lines: Cycle 2 Augmentation, HST Proposal ID 3566. Cycle 2 1991hst..prop.3566B ADS
- Bahcall, J.: 1991j, The Stellar Density Distributions in the Centers of Galactic Globular Clusters: Cycle 2 Augmentation, HST Proposal ID 3565. Cycle 2 1991hst..prop.3565B ADS
- Bahcall, J.: 1991k, Imaging and Spectroscopy of a Complete Sample of Bright Nearby Quasars: II. Spectroscopy: Cycle 2 Baseline, HST Proposal ID 3222. Cycle 2 1991hst..prop.3222B ADS
- Bahcall, J. N., "U.S. Astronomy's Next Decade of Discovery", 1991S&T...81..584B ADS
- Bahcall, J. N., Jannuzi, B. T., Schneider, D. P., et al., "The Ultraviolet Absorption Spectrum of 3c 273", 1991BAAS...23R1270B ADS
- Bahcall, J. N., "The 1990s: The decade of discovery", 1991PhT...44d..24B ADS
- Bahcall, J. N., "Comments on an historic event", 1991NuPhS...19...94B ADS

- Bahcall, J. N. & Press, W. H., "Solar-Cycle Modulation of Event Rates in the Chlorine Solar Neutrino Experiment", 1991ApJ...370..730B ADS
- Bahcall, J. N., "Prioritizing Scientific Initiatives", 1991Sci...251.1412B ADS
- Bahcall, J. N., "The Decade of Discovery", 1991BAAS...23Q.904B ADS
- Bahcall, J. N., Beichman, C. A., Canizares, C., et al.: 1991, Working papers. Astronomy and astrophysics panel reports. 1991wpaa.book....B ADS
- Bahcall, J.: 1991, IUE/HST Observations of 3C273k, IUE Proposal ID OD82Y 1991iue..prop.4104B ADS
- Maoz, D., Bahcall, J. N., Doxsey, R., et al., "The Non-Proprietary Snapshot Survey - a Search for Gravitationally-Lensed Quasars Using the Hst/Hubble Space Telescope Planetary Camera", 1991fyho.conf..200M ADS
- Bahcall, J. N., Jannuzi, B. T., Schneider, D. P., et al., "FOS Observations of the Absorption Spectrum of 3C273", 1991fyho.conf..46B ADS
- Bahcall, J., Flynn, C., & Gould, A., "K Giants and the amount of Local Dark Matter", 1991dodg.conf..105B ADS
- Bahcall, J. N., "Solar neutrinos: new physics?", 1991NYASA.647...11B ADS
- Maoz, D., Bahcall, J. N., Doxsey, R., et al., "The HST Non-Proprietary Snapshot Survey", 1991BAAS...23..832M ADS
- Gould, A., Bahcall, J. N., & Flynn, C., "New Measurement of Missing Matter in the Galactic Disk", 1991BAAS...23..831G ADS
- Bahcall, J.: 1990a, Quasar Absorption Line - for HOPR#0037, HST Proposal ID 4044. Cycle 1 1990hst..prop.4044B ADS
- Bahcall, J.: 1990b, Non-Proprietary ("snapshot") Survey II Round 2, HST Proposal ID 4028. Cycle 1 1990hst..prop.4028B ADS
- Bahcall, J.: 1990c, Non-Proprietary ("snapshot") Survey I Round 2, HST Proposal ID 4027. Cycle 1 1990hst..prop.4027B ADS
- Bahcall, J.: 1990d, Non-Proprietary ("snapshot") Survey Repeat Exposures of 3156 3157 3158 3159, HST Proposal ID 4017. Cycle 1 1990hst..prop.4017B ADS
- Bahcall, J.: 1990e, Quasar Absorption Line - for HOPR#0025, HST Proposal ID 4000. Cycle 1 1990hst..prop.4000B ADS
- Bahcall, J.: 1990f, Gravitational Lens Candidate 1208+101: Spectroscopy, HST Proposal ID 3992. Cycle 1 1990hst..prop.3992B ADS
- Bahcall, J.: 1990g, Gravitational Lens Candidate 1208+101: Photometry, HST Proposal ID 3981. Cycle 1 1990hst..prop.3981B ADS
- Bahcall, J.: 1990h, Quasar Absorption Line Survey: Cycle I FOS Part II, HST Proposal ID 3418. Cycle 1 1990hst..prop.3418B ADS
- Bahcall, J.: 1990i, The Stellar Density Distributions in the Centers of Galactic Globular Clusters: Cycle I Observations, HST Proposal ID 3227. Cycle 1 1990hst..prop.3227B ADS
- Bahcall, J.: 1990j, Evolution of Lyman-Alpha and CIV Absorption Systems: Cycle I Observations, HST Proposal ID 3221. Cycle 1 1990hst..prop.3221B ADS
- Bahcall, J.: 1990k, Imaging and Spectroscopy of a Complete Sample of Bright Nearby Quasars: II. Spectroscopy: Cycle I Observations, HST Proposal ID 3220. Cycle 1 1990hst..prop.3220B ADS
- Bahcall, J.: 1990l, Quasar Absorption Line Survey: Cycle I Observations-Fos, HST Proposal ID 2424. Cycle 1 1990hst..prop.2424B ADS
- Bahcall, J. N. & Bethe, H. A., "Solution of the solar-neutrino problem", 1990PhRvL...65.2233B ADS
- Bahcall, J. N. & Haubold, H. J., "Book-Review - Neutrino Astrophysics", 1990AN...311R.421B ADS
- Bahcall, J. N. & Loeb, A., "Element Diffusion in Stellar Interiors", 1990ApJ...360..267B ADS
- Bahcall, J. N. & Wasserman, I., "Neutrino Astrophysics", 1990AmJPh...58..895B ADS
- Bahcall, J. N., "Das Rätsel der fehlenden Sonnenneutrinos.", 1990SpW...8...76B ADS
- Casertano, S., Ratnatunga, K. U., & Bahcall, J. N., "Kinematic Modelling of the Galaxy. II. Two Samples of High Proper-Motion Stars", 1990ApJ...357..435C ADS
- Klapdor, H. V. & Bahcall, J. N., "Book-Review - Neutrinos", 1990SoPh...127..209K ADS
- Bahcall, J. N. & Rosner, R., "Book reviews", 1990SoPh...127..209B ADS
- Bahcall, J. N., "The solar-neutrino problem", 1990SciAm.262e..54B ADS
- Bahcall, J. N., "The solar-neutrino problem.", 1990SciAm.262e..26B ADS
- Bahcall, J. N., "Line versus continuum solar neutrinos", 1990PhRvD...41.2964B ADS
- Bahcall, J. N., Guhathakurta, P., & Schneider, D. P., "What the Longest Exposures from the Hubble Space Telescope Will Reveal", 1990Sci...248..178B ADS
- Bahcall, J. N., "Neutrinos from the sun - an astronomical puzzle", 1990Mercu...19...53B ADS
- Bahcall, J. N., "Where are the solar neutrinos?", 1990Ast...18c..40B ADS
- Bahcall, J. N., "The solar neutrino mystery.", 1990AsNow...4...15B ADS
- Sienkiewicz, R., Bahcall, J. N., & Paczynski, B., "Mixing and the Solar Neutrino Problem", 1990ApJ...349..641S ADS
- Bahcall, J. N., "Book-Review - Neutrino Astrophysics", 1990AstQ...7..189B ADS
- Bahcall, J. N. & Cribier, M., "The Standard Solar Model", 1990ASL...159...21B ADS
- Bahcall, J. N., "Book-Review - Neutrino Astrophysics", 1989Sci...246.1648B ADS
- Bahcall, J. N.: 1989b, Neutrino Astrophysics 1989neas.book....B ADS
- Bahcall, J. N. & Haxton, W. C., "Matter-enhanced neutrino oscillations in the standard solar model", 1989PhRvD...40..931B ADS
- Bahcall, J. N. & Cherry, M. L., "Book-Review - Neutrino Astrophysics", 1989Natur...340..520B ADS
- Bahcall, J., "How does the Sun shine?", 1989Natur...340..265B ADS
- Bahcall, J. N., "Sharing astronomical costs", 1989Natur...339..574B ADS
- Loeb, A., Bahcall, J. N., & Milgrom, M., "The Magnitude of 3He Diffusion in the Sun", 1989ApJ...341.1108L ADS
- Ratnatunga, K. U., Bahcall, J. N., & Casertano, S., "Kinematic Modeling of the Galaxy. I. The Yale Bright Star Catalogue", 1989ApJ...339..106R ADS
- Bahcall, J. N., "De Vaucouleurs's Galaxy.", 1989woga.conf..188B ADS
- Flynn, C., Bahcall, J., & Freeman, K. C., "A Survey of G and K Giants at the South Galactic Pole", 1989gfpj.conf..105F ADS
- Bahcall, J. N., "Solar Neutrinos: Waiting for Kamiokande II", 1989bbag.conf..399B ADS
- Arnett, W. D., Bahcall, J. N., Kirshner, R. P., & Woosley, S. E., "Supernova 1987A.", 1989ARA&A...27..629A ADS
- Bahcall, J. N., "Solar flares and neutrino detectors", 1988PhRvL...61.2650B ADS
- Bahcall, J. N., "What will the ⁹⁸Mo solar-neutrino experiment measuretextbackslash", 1988PhRvD...38.2006B ADS
- Bahcall, J. N., Kubodera, K., & Nozawa, S., "Neutral-current reactions of solar and supernova neutrinos on deuterium", 1988PhRvD...38.1030B ADS
- Bahcall, J. N., Davis, Raymond, J., & Wolfenstein, L., "Solar neutrinos: a field in transition", 1988Natur...334..487B ADS
- Bahcall, J. N., "Supernovae leave their mark", 1988Natur...333..301B ADS
- Bahcall, J. N. & Ulrich, R. K., "Solar models, neutrino experiments, and helioseismology", 1988RvMP...60..297B ADS
- Smoluchowski, R., Bahcall, J. N., Matthews, M. S., & Hilditch, R., "Book-Review - the Galaxy and the Solar System", 1988Obs...108...23S ADS
- Bahcall, J. N., Spergel, D. N., & Press, W. H., "Phenomenological analysis of neutrino emission from SN 1987A.", 1988slmc.proc..172B ADS
- Spergel, D. N. & Bahcall, J. N., "The mass of the electron neutrino: Monte Carlo studies of SN 1987A observations", 1988PhLb...200..366S ADS
- Bahcall, J. N. & Schneider, D. P., "Simulations of HST observations of globular clusters.", 1988IAUS...126..455B ADS
- Bahcall, J. N., "Neutrinos and sunspots", 1987Natur...330..318B ADS
- Spergel, D. N., Piran, T., Loeb, A., Goodman, J., & Bahcall, J. N., "A Simple Model for Neutrino Cooling of the Large Magellanic Cloud Supernova", 1987Sci...237.1471S ADS
- Bahcall, J. N., Field, G. B., & Press, W. H., "Is Solar Neutrino Capture Rate Correlated with Sunspot Number?", 1987ApJ...320L..69B ADS
- Bahcall, J. N., Casertano, S., & Ratnatunga, K. U., "An Analysis of the Yale Bright Star Catalog", 1987ApJ...320..515B ADS
- Smoluchowski, R., Bahcall, J. N., & Matthews, M. S., "Book-Review - the Galaxy and the Solar System", 1987Sci...237..89S ADS
- Smoluchowski, R., Bahcall, J. N., & Matthews, M. S., "Book-Review - the Galaxy and the Solar System", 1987S&T...73Q.624S ADS
- Bahcall, J. N., Piran, T., Press, W. H., & Spergel, D. N., "Neutrino temperatures and fluxes from the LMC supernova", 1987Natur...327..682B ADS
- Kylafis, N. D. & Bahcall, J. N., "Dust Distribution in Spiral Galaxies", 1987ApJ...317..637K ADS
- Smoluchowski, R., Bahcall, J. N., Matthews, M. S., & Bailey, M. E., "Book-Review - the Galaxy and the Solar System", 1987Sci...236..619S ADS
- Bahcall, J. N., Gelb, J. M., & Rosen, S. P., "Mikheyev-Smirnov-Wolfenstein effect in electron-neutrino scattering experiments", 1987PhRvD...35.2976B ADS
- Bahcall, J. N., "Neutrino-electron scattering and solar neutrino experiments", 1987RvMP...59..505B ADS
- Bahcall, J. N. & Glashow, S. L., "Upper limit on the mass of the electron neutrino", 1987Natur...326..476B ADS
- Bahcall, J. N., Dar, A., & Piran, T., "Neutrinos from the recent LMC supernova", 1987Natur...326..135B ADS
- West, R. M., Madsen, C., Bahcall, J., et al., "Supernova 1987A in the Large Magellanic Cloud", 1987IAUC.4329...2W ADS
- Ratnatunga, K. U., Bahcall, J. N., & Casertano, S., "Kinematic Model of Our Galaxy", 1987BAAS...19..679R ADS
- Bahcall, J. N., "Dark matter near the Sun", 1987mcu..conf..111B ADS

- Bahcall, J., Piran, T., & Weinberg, S.: 1987, *Dark matter in the universe. Proceedings of the Fourth Jerusalem Winter School for Theoretical Physics, held at Jerusalem, Israel, 30 December 1986 - 8 January 1987*. 1987dmup.book....B ADS
- van Albada, T. S., Bahcall, J. N., Begeman, K., & Sancisi, R., "Distribution of Dark Matter in the Spiral Galaxy NGC 3198", 1987dmu.conf...58V ADS
- Bahcall, J. N. & Casertano, S., "Some Possible Regularities in Missing Mass", 1987dmu.conf...50B ADS
- Bahcall, J. N., "K-Giants and the Total Amount of Matter Near the Sun", 1987dmu.conf...13B ADS
- Bahcall, J. N., "Dark Matter Near the Sun", 1987dmu.conf...2B ADS
- Bahcall, J. N., "Dark Matter in the Solar Vicinity", 1987dmu.conf...1B ADS
- , "Dark matter in the universe", 1987dmu.conf....B ADS
- Bahcall, J., "Solutions to the solar neutrino problem?", 1987PhT...40a...11B ADS
- Casertano, S. & Bahcall, J. N., "Some Regularities in the Missing Mass Problem", 1987IAUS...117...136C ADS
- Heisler, J., Tremaine, S., & Bahcall, J., "Estimating the Masses of Galaxy Groups - Alternatives to the Virial Theorem", 1987IAUS...117...113H ADS
- van Albada, T. S., Bahcall, J. N., Begeman, K., & Sancisi, R., "Distribution of dark matter in the spiral galaxy NGC 3198.", 1987IAUS...117...58V ADS
- Bahcall, J. N. & Casertano, S., "Some possible regularities in missing mass.", 1987IAUS...117...50B ADS
- Bahcall, J. N., "Dark Matter in the Galactic Disk", 1987IAUS...117...17B ADS
- Bahcall, J. N., "K-giants and the total amount of matter near the Sun.", 1987IAUS...117...13B ADS
- Bahcall, J. N., "Dark matter near the Sun.", 1987IAUS...117...2B ADS
- Bahcall, J. N., "Dark Matter near the Sun", 1986RSPTA.320...543B ADS
- Bahcall, J. N., Petcov, S. V., Toshev, S., & Valle, J. W. F., "Tests of neutrino stability", 1986PhLB...181...369B ADS
- Bahcall, J. N., Baldo-Ceolin, M., Cline, D. B., & Rubbia, C., "Predictions for a liquid argon solar neutrino detector", 1986PhLB...178...324B ADS
- Bahcall, J. N., Bahcall, N. A., & Schneider, D. P., "Multiple quasars for multiple images", 1986Natur.323...515B ADS
- Bahcall, J. N. & Casertano, S., "Kinematics and Density of the Galactic Spheroid", 1986ApJ...308...347B ADS
- Bahcall, J. N. & Holstein, B. R., "Solar neutrinos from the decay of ^8B ", 1986PhRvC...33.2121B ADS
- Bahcall, J. N., Jones, B. F., & Ratnatunga, K. U., "Wide Binaries in the Direction of Andromeda", 1986ApJS...60...939B ADS
- Bahcall, J. N., "Solar neutrinos: theory.", 1986wein.conf...705B ADS
- Bahcall, J. N., "Missing matter in the vicinity of the Sun.", in E. W. Kolb, M. S. Turner, D. Lindley, K. Olive, and D. Seckel (Eds.), *Inner Space/Outer Space: The Interface between Cosmology and Particle Physics*, 207-211 1986isos.book...207B ADS
- Bahcall, J. N., "Solar Neutrinos", in S. L. Shapiro, S. A. Teukolsky, and E. E. Salpeter (Eds.), *Highlights of Modern Astrophysics: Concepts and Controversies*, 85 1986hmac.book...85B ADS
- Bahcall, J. N., "The galactic environment of the solar system.", 1986gss.conf...3B ADS
- Bahcall, J. N., "Brown dwarfs: conference summary.", 1986abd.proc...233B ADS
- Bahcall, J. N., "Star counts and galactic structure.", 1986ARA&A...24...577B ADS
- Bahcall, J. N., Ratnatunga, K. U., Buser, R., Fenkart, R. P., & Spaenhauer, A., "An analysis of the Basel star catalog.", 1985ApJ...299...616B ADS
- Heisler, J., Tremaine, S., & Bahcall, J. N., "Estimating the masses of galaxy groups: alternatives to the virial theorem.", 1985ApJ...298...8H ADS
- Bahcall, J. N., "The Solar Neutrino Problem", 1985SoPh...100...53B ADS
- Krofcheck, D., Sugarbaker, E., Rapaport, J., et al., "Gamow-Teller strength function in ^{71}Ge via the (p,n) reaction at medium energies", 1985PhRvL...55.1051K ADS
- Ratnatunga, K. U. & Bahcall, J. N., "Estimated number of field stars toward galactic globular clusters and local group galaxies.", 1985ApJS...59...63R ADS
- Gilden, D. L. & Bahcall, J. N., "Sampling errors in the determination of the total amount of mass at the solar position", 1985ApJ...296...240G ADS
- Bahcall, J. N. & Bahcall, S., "The Sun's motion perpendicular to the galactic plane", 1985Natur.316...706B ADS
- van Albada, T. S., Bahcall, J. N., Begeman, K., & Sancisi, R., "Distribution of dark matter in the spiral galaxy NGC 3198.", 1985ApJ...295...305V ADS
- Bahcall, J. N. & Casertano, S., "Some possible regularities in the missing mass problem.", 1985ApJ...293L...7B ADS
- Rapaport, J., Welch, P., Bahcall, J., et al., "Solar neutrino detection: Experimental determination of Gamow-Teller strengths via the ^{98}Mo and ^{115}In (p,n) reactions", 1985PhRvL...54.2325R ADS
- Bahcall, J. N., Cleveland, B. T., Davis, R., J., & Rowley, J. K., "Chlorine and gallium solar neutrino experiments", 1985ApJ...292L...79B ADS
- Bahcall, J. N. & Ratnatunga, K. U., "Comparisons of the Standard Galaxy Model with observations in two fields", 1985MNRAS.213P...39B ADS
- Ratnatunga, K. U., Bahcall, J. N., Buser, R., Fenkart, R. P., & Spaenhauer, A., "An Analysis of the Basel Star Catalog", 1985BAAS...17Q.559R ADS
- Bahcall, J. N., "The Total Amount of Matter in the Solar Vicinity", 1985BAAS...17...581B ADS
- Casertano, S. & Bahcall, J. N., "On the Density of the Spheroid in the Solar Neighborhood", 1985BAAS...17...560C ADS
- Bahcall, J. N., Hut, P., & Tremaine, S., "Maximum mass of objects that constitute unseen disk material", 1985ApJ...290...15B ADS
- Bahcall, J. N., "The solar neutrino problem: astronomy or physics?", in From SU(3) to gravity, 267-278 1985fsgf.book...267B ADS
- Bahcall, J. N., "Space Telescope observations of globular clusters.", 1985IAUS...113...481B ADS
- Bahcall, J. N. & Kylafis, N. D., "On the spatial distribution of population II stars in SB and later type galaxies.", 1985ApJ...288...252B ADS
- Bahcall, J. N., "Solar neutrino experiments: Theory", 1985AIPC...126...60B ADS
- Bahcall, J. N., "K giants and the total amount of matter near the sun", 1984ApJ...287...926B ADS
- Gilden, D. & Bahcall, J. N., "Dark Matter Near the Sun: Simulated Star Counts and the Oort Limit", 1984NASCP2345...326G ADS
- Bahcall, J. N. & Casertano, S., "Velocity dispersions of disk stars in spiral galaxies.", 1984ApJ...284L...35B ADS
- Bahcall, J. N., "K-Giants and the Total Amount of Matter Near the Sun", 1984BAAS...16...733B ADS
- Latham, D. W., Tonry, J., Bahcall, J. N., Soneira, R. M., & Schechter, P., "Detection of binaries with projected separations as large as 0.1 parsec.", 1984ApJ...281L...41L ADS
- Bahcall, J. N. & Soneira, R. M., "Comparisons of a standard galaxy model with stellar observations in five fields.", 1984ApJS...55...67B ADS
- Bahcall, J., "Current Status of Solar Neutrino Research", 1984BAAS...16...521B ADS
- Bahcall, J. N. & Spitzer, L., J., "El Telescopio Espacial.", 1984RvA...56...9B ADS
- Bahcall, J. N., "Self-consistent determinations of the total amount of matter near the sun.", 1984ApJ...276...169B ADS
- Bahcall, J. N., "The distribution of stars perpendicular to galactic disk", 1984ApJ...276...156B ADS
- Bahcall, J. N., "Missing Matter in the Vicinity of the Sun", 1984ASSL...110...241B ADS
- Bahcall, J. N., Soneira, R. M., Morton, D. C., & Tritton, K. P., "Some constraints in the color-magnitude diagram of giants in the galactic spheroid.", 1983ApJ...272...627B ADS
- Bahcall, J. N., "The Total amount of Matter Near the Sun", 1983nssl.conf...271B ADS
- Bahcall, J. N. & Soneira, R. M., "Detection of Stars in the Dark Galactic Halo", 1983nssl.conf...223B ADS
- Bahcall, J. N. & Soneira, R. M., "Comparison of the Bahcall / Soneira Galaxy Model with Observations", 1983nssl.conf...209B ADS
- Hut, P. & Bahcall, J. N., "Binary-single star scattering. I - Numerical experiments for equal masses", 1983ApJ...268...319H ADS
- Bahcall, J. N. & Piran, T., "Stellar collapses in the Galaxy.", 1983ApJ...267L...77B ADS
- Bahcall, J. N., "The ratio of the unseen halo mass to the luminous disk mass in NGC 891.", 1983ApJ...267...52B ADS
- Bahcall, J. N., "Galaxies, quasars, and beyond - The Space Telescope", 1983aans.sympR...25B ADS
- Bahcall, J. N., Soneira, R. M., & Schmidt, M., "The galactic spheroid", 1983ApJ...265...730B ADS
- Bahcall, J. N., "Solar neutrinos.", 1983neap.conf...71B ADS
- Bahcall, J. N.: 1983b, *Galaxies, quasars, and beyond - the Space Telescope*. 1983gqb.book....B ADS
- Bahcall, J. N. & Soneira, R. M., "The distribution of stars in the Galaxy", 1983ASSL...100...209B ADS
- Goldman, I. & Bahcall, J. N., "Asymmetric emission-line regions with out-flowing mass in QSOs and the $z(\text{ab})$ at least equal to $z(\text{em})$ systems", 1982A&A...115...242G ADS
- Bahcall, J. N. & Spitzer, L., J., "The Space Telescope", 1982SciAm.247a...40B ADS
- Bahcall, J. N., Huebner, W. F., Lubow, S. H., Parker, P. D., & Ulrich, R. K., "Standard solar models and the uncertainties in predicted capture rates of solar neutrinos", 1982RvMP...54...767B ADS

- Bahcall, J. N., Schmidt, M., & Soneira, R. M., "On the interpretation of rotation curves measured at large galactocentric distances", 1982ApJ...258L..23B ADS
- Hut, P. & Bahcall, J. N., "Three-Body Gravitational Scatterings", 1982BAAS...14..654H ADS
- Bahcall, J. N. & Davis, R. J., "An Account of the Development of the Solar Neutrino Problem", 1982ena.conf..243B ADS
- Hampel, W., Davis, R. J., Cleveland, B. T., et al., "The Gallium Solar Neutrino Detector.", 1982AIPC...96...88H ADS
- Bahcall, J. N., "Solar neutrinos", 1981NASCP2191...81B ADS
- Bahcall, J. N. & Soneira, R. M., "Predicted star counts in selected fields and photometric bands Applications to galactic structure, the disk luminosity function, and the detection of a massive halo.", 1981ApJS...47..357B ADS
- Bahcall, J. N., "⁸¹Br and ⁷⁹Br as detectors of solar neutrinos", 1981PhRvC...24.2216B ADS
- Draine, B. T. & Bahcall, J. N., "Dust-sensitive forbidden line ratios", 1981ApJ...250..579D ADS
- Bahcall, J. N. & Soneira, R. M., "The distribution of stars to V = 16th magnitude near the north galactic pole - Normalization, clustering properties, and counts in various bands.", 1981ApJ...246..122B ADS
- Shapiro, P. R. & Bahcall, J. N., "X-ray absorption and the POST - auger decay spectrum of multielectronatoms.", 1981ApJ...245..335S ADS
- Bahcall, J. N. & Tremaine, S., "Methods for determining the masses of spherical systems. I. Test particles around a point mass.", 1981ApJ...244..805B ADS
- Bahcall, J. N., "Solar Neutrinos: Rapporteurs Talk", 1981neu2.conf..253B ADS
- Bahcall, J., "Solar Neutrinos: Present Status", 1981neu1.conf....1B ADS
- Soneira, R. M. & Bahcall, J. N.: 1981, *Guide star probabilities*, Final Report Institute for Advanced Study, Princeton, NJ. 1981ias.rept.....S ADS
- Bahcall, J. N., "Solar neutrinos.", 1981PrPNP...6..111B ADS
- "Guide star probabilities.", 1981NASCR3374.....S ADS
- Bahcall, J. N., "Absorption Lines in the Spectra of Distant Objects", 1980srst.coll..215B ADS
- Bahcall, J. N. & Odell, C. R., "The Space Telescope Observatory", 1980srst.coll....5B ADS
- Shapiro, P. R. & Bahcall, J. N., "The effects of X-ray absorption on the spectra of distant objects.", 1980ApJ...241....1S ADS
- Bahcall, J. N., Lubow, S. H., Huebner, W. F., et al., "New Solar-Neutrino Flux Calculations and Implications Regarding Neutrino Oscillations", 1980PhRvL...45..945B ADS
- Bahcall, J. N. & Soneira, R. M., "The universe at faint magnitudes. I. Models for the Galaxy and the predicted star counts.", 1980ApJS...44...73B ADS
- Bahcall, J. N., "The effect of variability on the V/V-max test", 1980ApJ...240..377B ADS
- Bahcall, J. N. & Odell, C. R., "The Space Telescope Observatory.", 1980JAnSc...28..107B ADS
- Bahcall, J. N. & Soneira, R. M., "Star counts as an indicator of galactic structure and quasar evolution", 1980ApJ...238L..17B ADS
- Bahcall, J. N. & Milgrom, M., "The magnetic dipole model for superluminal radio sources", 1980ApJ...236...24B ADS
- Avni, Y. & Bahcall, J. N., "On the simultaneous analysis of several complete samples. The V/Vmax and Ve/Na variables, with applications to quasars.", 1980ApJ...235..694A ADS
- Bahcall, J. N., "Solar Neutrinos", 1980aepc.conf...25B ADS
- Bahcall, J. N. & Soneira, R. M., "Models for the Galaxy and the Predicted Star Counts", 1979BAAS...11..706B ADS
- Shapiro, P. R. & Bahcall, J. N., "The Effects of X-ray Absorption on the Spectra of Distant Objects", 1979BAAS...11..694S ADS
- Bahcall, J. N., "Solar Neutrinos: Theory Versus Observation", 1979SSRv...24..227B ADS
- Shapiro, P. R. & Bahcall, J. N., "The Effects of X-ray Absorption on the Spectra of Distant Objects.", 1979BAAS...11..778S ADS
- Bahcall, J. N. & Odell, C. R., "The Space Telescope Observatory.", 1979NASCP2111....5B ADS
- Bahcall, J. N., "Absorption lines in the spectra of distant objects.", 1979NASCP2111..215B ADS
- Bahcall, J. N., "Solar neutrino experiments", 1978RvMP...50..881B ADS
- Milgrom, M. & Bahcall, J. N., "Apparent superluminal expansion velocities in the dipole magnetic field model", 1978Natur.274..349M ADS
- Bahcall, J. N., Cleveland, B. T., Davis, R. J., et al., "Proposed solar-neutrino experiment using ⁷¹Ga", 1978PhRvL...40.1351B ADS
- Bahcall, J. N. & Turner, E. L., "The Hubble diagrams for quasars.", 1978PhyS...17..353B ADS
- Bahcall, J. N., "On the origin of quasar absorption lines.", 1978PhyS...17..229B ADS
- Bahcall, J. N. & Sarazin, C. L., "X-ray line spectroscopy for clusters of galaxies. I.", 1978ApJ...219..781B ADS
- Bahcall, J. N., "Capture Rates for Various Solar Neutrino Detectors", 1978sfsn.conf..223B ADS
- Bahcall, J. N., "Theoretical Introduction to the ³⁷Cl Solar Neutrino Experiment", 1978sfsn.conf...55B ADS
- Bahcall, J. N., "Optical properties of binary X-ray sources", 1978pans.proc...63B ADS
- Bahcall, J. N., "Theoretical Introduction to the ³⁷Cl Solar-neutrino Experiment", 1978ComAp...8...37B ADS
- Bahcall, J. N., "Masses of neutron stars and black holes in X-ray binaries.", 1978ARA&A...16..241B ADS
- Bahcall, J. N., "Solar neutrinos", 1977AIPC...37...53B ADS
- Bahcall, J. N. & Milgrom, M., "A Model for Superluminal Radio Sources", 1977BAAS...9..586B ADS
- Bahcall, J. N., "Neutrino absorption cross sections for ³⁷Cl with applications.", 1977ApJ...216L.115B ADS
- Sarazin, C. L. & Bahcall, J. N., "On the Zeeman splitting of X-ray lines by neutron-star magnetic fields.", 1977ApJ...216L..67S ADS
- Bahcall, J. N. & Wolf, R. A., "The star distribution around a massive black hole in a globular cluster. II. Unequal star masses.", 1977ApJ...216..883B ADS
- Sarazin, C. L. & Bahcall, J. N., "X-ray line emission for clusters of galaxies. II. Numerical models.", 1977ApJS...34..451S ADS
- Bahcall, J. N. & Chester, T. J., "On the mass determination of Hercules X-1.", 1977ApJ...215L..21B ADS
- Bahcall, J. N. & Sarazin, C. L., "Parameters and predictions for the X-ray emitting gas of Coma, Perseus, and Virgo.", 1977ApJ...213L..99B ADS
- Bahcall, J. N. & Turner, E. L., "The Hubble Diagrams for Quasars", 1977IAUS...74..295B ADS
- Bahcall, J. N., "The sun's missing particles", 1976NatH...85...76B ADS
- York, D. G., Flannery, B., & Bahcall, J., "Circumstellar matter in the binary V Puppis.", 1976ApJ...210..143Y ADS
- Bahcall, J. N. & Wolf, R. A., "Star distribution around a massive black hole in a globular cluster.", 1976ApJ...209..214B ADS
- Ulmer, M. P., Murray, S. S., Gursky, H., & Bahcall, J. N., "Search for X-ray emission from globular clusters using Uhuru data.", 1976ApJ...208...47U ADS
- Bahcall, J. N. & Ostriker, J. P., "X-ray pulses from globular clusters", 1976Natur.262...37B ADS
- Bahcall, J., "X-ray Sources in Globular Clusters", 1976BAAS...8R.442B ADS
- Bahcall, J. N. & Sarazin, C. L., "Models for X-Ray Line Emission from Clusters of Galaxies", 1976BAAS...8..355B ADS
- Katz, J. I. & Bahcall, J. N., "Energy Transport in the Solar Interior", 1976BAAS...8..320K ADS
- Bahcall, J. N. & Davis, Raymond, J., "Solar Neutrinos: A Scientific Puzzle", 1976Sci...191..264B ADS
- Avni, Y. & Bahcall, J. N., "Status of the study of ellipsoidal light variations in 3U 0900-40 and other X-ray binaries.", in NASA Special Publication, Vol. 389, 615-628 1976NASSP.389..615A ADS
- Bahcall, J. N., "Her X-1 panel.", in NASA Special Publication, Vol. 389, 99-100 1976NASSP.389...99B ADS
- Bahcall, J. N. & Joss, P. C., "Is the local supercluster a physical association?", 1976ApJ...203...23B ADS
- Avni, Y. & Bahcall, J. N., "Masses for Vela X-1 and other X-ray binaries.", 1975ApJ...202L.131A ADS
- Bahcall, J. N., "Splittings in quasar absorption lines.", 1975ApJ...200L...1B ADS
- Bahcall, J. N. & Ostriker, J. P., "Massive black holes in globular clusters.", 1975Natur.256...23B ADS
- Bahcall, J. N. & Bahcall, N. A., "The unidentified high galactic latitude X-ray sources: bright galaxies or rich clusters?", 1975ApJ...199L..89B ADS
- Bahcall, J. N., Bahcall, N. A., Murray, S. S., & Schmidt, M., "Optical studies of 10 high galactic latitude X-ray sources.", 1975ApJ...199L...9B ADS
- Bahcall, J. N., Charles, P. A., Davison, P. J. N., et al., "Copernicus - X-ray observations of 3U 9759-49.", 1975MNRAS.171P..41B ADS
- Avni, Y. & Bahcall, J. N., "Ellipsoidal light variations and masses of X-ray binaries.", 1975ApJ...197..675A ADS
- Bahcall, J. N., Bahcall, N. A., Herczeg, T. J., et al., "Further optical observations of HZ Herculis.", 1975PASP...87..141B ADS
- Bahcall, J. N., Bahcall, N. A., & Weistrop, D., "The Star Distribution in M15", 1975ApL...16..159B ADS
- Bahcall, J. N. & Bahcall, N. A., "Optical and near infrared observations of seven fields containing X-ray sources", 1975xris.conf..535B ADS
- Bahcall, J. N., "Some properties of X-ray binaries", 1975xris.conf..147B ADS
- Bahcall, J. N., "Some remarks on solar neutrinos.", 1975ucyr.conf..131B ADS
- Bahcall, J. N. & Davis, R. J., "Solar neutrinos: A scientific puzzle.", 1975PhyBl...31..609B ADS

- Bahcall, J. N., Treiman, S. B., & Zee, A., "Neutral currents and stellar cooling", 1974PhLB...52..275B ADS
- Field, G. B., Arp, H., & Bahcall, J. N., "Review of Publications: The Redshift Controversy", 1974JRASC...68..276F ADS
- Avni, Y. & Bahcall, J. N., "Mass Limits for the Centaurus X-3 System", 1974ApJ...192L.139A ADS
- Avni, Y. & Bahcall, J. N., "Short-time optical variability of X-ray sources.", 1974ApJ...191..221A ADS
- Bahcall, J. N., Joss, P. C., & Avni, Y., "Optical properties of HZ Herculis.", 1974ApJ...191..211B ADS
- Kormendy, J. & Bahcall, J. N., "Faint envelopes of galaxies.", 1974AJ...79..671K ADS
- Bahcall, J. N., Dyson, F. J., Katz, J. I., & Paczynski, B., "Multiple Star Systems and X-Ray Sources", 1974ApJ...189L..17B ADS
- Avni, Y., Bahcall, J. N., Joss, P. C., et al., "Upper Limit on 2.5-SECOND Pulsations from Hercules X-1", 1974ApJ...188L..35A ADS
- Bahcall, J. N., "Near Infrared Observations of Cygnus X-3", 1974Natur.247..446B ADS
- Bahcall, J. N., "Some properties of X-ray binaries.", 1974ucyr.conf..343B ADS
- Field, G. B., Arp, H., & Bahcall, J. N.: 1974, *The redshift controversy. Papers from a symposium, Washington, D.C., December 1972.* 1974rcpf.book....F ADS
- Bahcall, J. N. & Bahcall, N. A., "Optical properties of binary X-ray sources.", 1974asgr.proc...73B ADS
- Bahcall, J. N., "Close Pairs of QSOs", 1974Natur.247...22B ADS
- Joss, P. C., Avni, Y., & Bahcall, J. N., "A model for the light curve of HZ Herculis.", 1973ApJ...186..767J ADS
- Avni, Y., Bahcall, J. N., Joss, P. C., et al., "Steady Energy Source in Her X-1?", 1973NPhS..246...36A ADS
- Rosenbluth, M. N., Ruderman, M., Dyson, F., et al., "Nuclear Fusion in Accreting Neutron Stars", 1973ApJ...184..907R ADS
- Bahcall, J. N. & Kellogg, E. M., "Radio Stars and X-ray Sources", 1973NPhS..244..135B ADS
- Bahcall, J. N., Joss, P. C., & Cohen, J. G., "A Search for High-Excitation Redshift Systems in the Absorption Spectra of Five Quasars", 1973ApJ...184...57B ADS
- Rosenbluth, M. N. & Bahcall, J. N., "Nonspherical Thermal Instabilities", 1973ApJ...184...9R ADS
- Bahcall, J. N., Huebner, W. F., Magee, N. H., J., Merts, A. L., & Ulrich, R. K., "Solar Neutrinos.IV. Effect of Radiative Opacities on Calculated Neutrino Fluxes", 1973ApJ...184...1B ADS
- Bahcall, N. A., Bahcall, J. N., & Schmidt, M., "Observations of QSOs in the direction of clusters of galaxies.", 1973ApJ...183..777B ADS
- Bahcall, J. N., Joss, P. C., & Lynds, R., "On the Temperature of the Microwave Background Radiation at a Large Redshift", 1973ApJ...182L..95B ADS
- Bahcall, J. N., Rosenbluth, M. N., & Kulsrud, R. M., "Model for X-ray Sources Based on Magnetic Field Twisting", 1973NPhS..243...27B ADS
- Spinrad, H., Bahcall, J., Becklin, E. E., et al., "Optical and Near-Infrared Observations of the Nearby Spiral Galaxy Maffei 2", 1973ApJ...180..351S ADS
- Bahcall, J. N. & Hills, R. E., "The Hubble Diagram for the Brightest Quasars", 1973ApJ...179..699B ADS
- Bahcall, J. N. & Arp, H., "Redshifts as distance indicators.", 1973reco.conf...61B ADS
- Field, G. B., Arp, H. C., & Bahcall, J. N.: 1973, *The redshift controversy 1973reco.book....F ADS*
- Bahcall, J. N., "The solar neutrino problem.", 1973NucIM..11..381B ADS
- Hills, R. E. & Bahcall, J. N., "The Hubble Diagram for the Brightest Quasars", 1973NYASA.224...58H ADS
- Goldsmith, S., Bahcall, J. N., & Bahcall, N. A., "HZ Herculis.", 1973IAUC.2529...1G ADS
- Ames, S. & Bahcall, J. N., "Quasar Variability as a Function of Absolute Luminosity", 1973ApL...14..199A ADS
- Bahcall, J. N. & Joss, P. C., "An analysis of the absorption spectrum of PHL 957.", 1973ApJ...179..381B ADS
- Bahcall, J. N. & Bahcall, N. A., "The Period and Light Curve of HZ Herculis", 1972ApJ...178L...1B ADS
- Bahcall, J. N. & Yahil, A., "On the Luminosity Functions of Giant Stars in Globular Clusters", 1972ApJ...177..647B ADS
- Wolf, R. A. & Bahcall, J. N., "The Estimation of Masses of Individual Galaxies in Clusters of Galaxies", 1972ApJ...176..559W ADS
- Bahcall, J. N. & Yahil, A., "On Identifying New Kinds of Astronomical Objects", 1972NPhS..238...92B ADS
- Bahcall, J. N. & Joss, P. C., "Are Galaxies Formed by Material Flowing Out of Singularities?", 1972CoASP...4..95B ADS
- Frautschi, S., Steigman, G., & Bahcall, J., "Quarks as a Thermometer for Cosmologies", 1972ApJ...175..307F ADS
- Arons, J. & Bahcall, J. N., "Some Observational Distinctions Among Models of Pulsing X-Ray Binaries", 1972ApL...11..191A ADS
- Hauser, M. G. & Bahcall, J. N., "Galaxy Distributions in the Zwicky Catalogue.", 1972BAAS...4R.239H ADS
- Bahcall, J. N., "Models for the Cosmic Evolution of Radio Galaxies and Quasars.", 1972ApJ...172..265B ADS
- Bahcall, J. N., Kozlovsky, B.-Z., & Salpeter, E. E., "On the Time Dependence of Emission-Line Strengths from a Photoionized Nebula", 1972ApJ...171..467B ADS
- Bahcall, J. N., Cabibbo, N., & Yahil, A., "Are Neutrinos Stable Particles?", 1972PhRvL...28..316B ADS
- Bahcall, J. N., Bahcall, N. A., Crampton, D., & Morbey, C. L., "HZ Herculis.", 1972IAUC.2428...1B ADS
- Bahcall, J. N., Bahcall, N. A., Liller, W., et al., "HZ Herculis.", 1972IAUC.2427...1B ADS
- Bahcall, J. N., "The solar neutrino problem.", 1972CNPPh...5...59B ADS
- Bahcall, J. N., M. C. F. & Bahcall, N. A., "Are Quasars Associated with Bright Galaxies?", 1972ApL...10..147B ADS
- Bahcall, J. N. & Sears, R. L., "Solar Neutrinos", 1972ARA&A..10...25B ADS
- Bahcall, J. N. & Frautschi, S., "The Hadron Barrier in Cosmology and Gravitational Collapse", 1971ApJ...170L..81B ADS
- Bahcall, J. N. & Ulrich, R. K., "Solar Neutrinos. III. Composition and Magnetic-Field Effects and Related Inferences", 1971ApJ...170..593B ADS
- Bahcall, J. N. & Goldsmith, S., "On the Absorption-Line Spectrum of 4c 05.34", 1971ApJ...170...17B ADS
- Frautschi, S., Bahcall, J. N., Steigman, G., & Wheeler, J. C., "Ultradense Matter", 1971CoASP...3..121F ADS
- Bahcall, J. N., Bahcall, N. A., & Burbidge, G. R., "Relative Correlation of - and Small-Redshift Quasi-Stellar Objects with Clusters of Galaxies", 1971ApJ...166L..77B ADS
- Bahcall, J. N., Bahcall, N. A., & Kozlovsky, B. Z., "The Ionization Structure of a Nebula Photoionized by a Flat Spectrum", 1971A&A...13...1B ADS
- Bahcall, J. N., "Some Unsolved Problems in Astrophysics", 1971AJ...76..283B ADS
- Bahcall, J. N. & Davis, R., "Upper Limit on Neutrino Energy Associated with Weber Pulses", 1971PhRvL..26..662B ADS
- Bahcall, J. N., Callan, C. G., J., & Dashen, R., "Quark Fusion in Quasi-Stellar Objects?", 1971ApJ...163..239B ADS
- Bahcall, J. N. & Oke, J. B., "Some Inferences from Spectrophotometry of Quasi-Stellar Sources", 1971ApJ...163..235B ADS
- Bahcall, J. N., "Solar Neutrinos", 1971AIPC...2..243B ADS
- Bahcall, N. A. & Bahcall, J. N., "Galaxies in the Direction of QSO's With Small Redshifts", 1970PASP...82.1276B ADS
- Schmidt, M., Gunn, J. E., Bahcall, J. N., Young, J. W., & Marsden, B. G., "Comet Gunn (1970p)", 1970IAUC.2294...1S ADS
- Bahcall, J. N. & Kozlovsky, B.-Z., "On the Bowen Resonance Fluorescence Lines in Quasi-Stellar Objects", 1970ApJ...162..789B ADS
- Bahcall, J. N., Rees, M. J., & Salpeter, E. E., "Extragalactic Pulsars", 1970ApJ...162..737B ADS
- Bahcall, J. N., "Multiple Absorption Redshifts in Quasars", 1970CoASP...2..221B ADS
- Adler, S. L., Bahcall, J. N., Callan, C. G., & Rosenbluth, M. N., "Photon Splitting in a Strong Magnetic Field", 1970PhRvL..25.1061A ADS
- Bahcall, J. N. & Feldman, U., "On the Rich Absorption Spectra of Three Quasi-Stellar Objects", 1970ApJ...161..389B ADS
- Bahcall, J. N. & Bahcall, N. A., "On the Galaxies in the Direction of Ton 256 and B 264", 1970PASP...82..721B ADS
- Bahcall, J. N. & Ulrich, R. K., "Solar-Neutrino Fluxes with Recent Corrections to Opacity", 1970ApJ...160L..57B ADS
- Bahcall, J. N. & Salpeter, E. E., "Upper Limits on the Masses of Quasi-Stellar Sources", 1970ApJ...159L.135B ADS
- Bahcall, J. N., "Quasi-Stellar Objects in the Direction of Rich Clusters of Galaxies", 1969ApJ...158L..87B ADS
- Bahcall, J. N. & Kozlovsky, B.-Z., "Some Models for the Emission-Line Region of 3c 48", 1969ApJ...158..529B ADS
- Bahcall, J. N. & Salpeter, E. E., "On the Masses of Quasi-Stellar Sources", 1969ApJ...158L..15B ADS
- Davis, Raymond, J. & Bahcall, J. N., "Review Paper: Solar Neutrinos.", 1969BAAS...1Q.339D ADS
- Bahcall, J. N., "Quasi-Stellar Objects in the Direction of Clusters of Galaxies", 1969ApJ...157L.151B ADS
- Bahcall, J. N. & Ekers, R. D., "On the Possibility of Detecting Redshifted 21-CM Absorption Lines in the Spectra of Quasi-Stellar Sources", 1969ApJ...157.1055B ADS
- Bahcall, J. N., "What Next with Solar Neutrinos?", 1969PhRvL..23..251B ADS

- Bahcall, J. N., Schmidt, M., & Gunn, J. E., "Are Some Quasi-Stellar Objects Associated with Clusters of Galaxies?", 1969ApJ...157L..77B ADS
- Bahcall, J. N., "Neutrinos from the Sun", 1969SciAm.221a..28B ADS
- Bahcall, J. N., Bahcall, N. A., & Ulrich, R. K., "Solar Neutrinos", 1969BAAS...1Q.272B ADS
- Bahcall, J. N. & Spitzer, Lyman, J., "Absorption Lines Produced by Galactic Halos", 1969ApJ...156L..63B ADS
- Bahcall, J. N., Bahcall, N. A., & Ulrich, R. K., "Sensitivity of the Solar-Neutrino Fluxes", 1969ApJ...156..559B ADS
- Bahcall, J. N. & Peebles, P. J. E., "Statistical Tests for the Origin of Absorption Lines Observed in Quasi-Stellar Sources", 1969ApJ...156L..7B ADS
- Bahcall, J. N., Osmer, P. S., & Schmidt, M., "ON the Absorption Spectrum of $Ton\ 1530$ ", 1969ApJ...156L...1B ADS
- Bahcall, J. N. & Kozlovsky, B.-Z., "Some Models of the Emission-Line Region of $3c\ 273$ ", 1969ApJ...155.1077B ADS
- Petrosian, V., Bahcall, J. N., & Salpeter, E. E., "Fine-Structure Transitions and the Background Microwave Radiation", 1969ApJ...155L..57P ADS
- Bahcall, J. N. & Moeller, C. P., "The 7Be Electron-Capture Rate", 1969ApJ...155..511B ADS
- Bahcall, J. N. & May, R. M., "The Rate of the Proton-Proton Reaction and Some Related Reactions", 1969ApJ...155..501B ADS
- Bahcall, J. N., "Observational Neutrino Astronomy: A ν -Review", 1969tsra.conf..321B ADS
- Shaviv, G. & Bahcall, J. N., "The Effect of the Brans-Dicke Cosmology on Solar Evolution and Neutrino Fluxes", 1969ApJ...155..135S ADS
- Bahcall, J. N., Greenstein, J. L., & Sargent, W. L. W., "The Absorption-Line Spectrum of the Quasi-Stellar Radio Source $PKS\ 0237-23$ ", 1968ApJ...153..689B ADS
- Bahcall, J. N., "A Systematic Method for Identifying Absorption Lines as Applied to $PKS\ 0237-23$ ", 1968ApJ...153..679B ADS
- Ellis, S. D. & Bahcall, J. N., "Neutrino absorption by deuterium", 1968NuPhA.114..636E ADS
- Bahcall, J. N. & Shaviv, G., "Solar Models and Neutrino Fluxes", 1968ApJ...153..113B ADS
- Bahcall, J. N. & Wolf, R. A., "Fine-Structure Transitions", 1968ApJ...152..701B ADS
- Bahcall, J. N., Bahcall, N. A., & Shaviv, G., "Present Status of the Theoretical Predictions for the ^{36}Cl Solar-Neutrino Experiment", 1968PhRvL..20.1209B ADS
- Bahcall, J. N. & May, R. M., "The Rate of the Proton-Proton Reaction", 1968ApJ...152L..17B ADS
- Bahcall, J. N. & May, R. M., "Electron Scattering and Tests of Cosmological Models", 1968ApJ...152...37B ADS
- Bahcall, J. N., Bahcall, N. A., & Ulrich, R. K., "Mixing in the Sun and Neutrino Fluxes", 1968ApL.....2...91B ADS
- Bahcall, J. N. & Schmidt, M., "Does the Fine-Structure Constant Vary with Cosmic Time?", 1967PhRvL..19.1294B ADS
- Shaviv, G., Bahcall, J. N., & Fowler, W. A., "Dependence of the δB Solar Neutrino Flux on the Rate of the Reaction $^3He(^3He,2p)^4He$ ", 1967ApJ...150..725S ADS
- Bahcall, J. N., Cooper, M., & Demarque, P., "Dependence of the δB Solar Neutrino Flux on Heavy Element Composition", 1967ApJ...150..723B ADS
- Shaviv, G. & Bahcall, J. N., "Brans-Dicke Cosmology and the Solar Neutrino Flux", 1967PASP...79..438S ADS
- Bahcall, J. N., Kozlovsky, B. Z., Sargent, W. L. W., & Schmidt, M., "The Carbon to Silicon Ratio in $3C\ 191$ ", 1967PASP...79..425B ADS
- Bahcall, J. N., Sargent, W. L. W., & Schmidt, M., "An Analysis of the Absorption Spectrum of $3c\ 191$ ", 1967ApJ...149L..11B ADS
- Bahcall, J. N., "Phenomenological Limits on the Absorbing Regions of Quasi-Stellar Sources", 1967ApJ...149L..7B ADS
- Bahcall, J. N. & Sargent, W. L. W., "Predicted Emission Spectra of Quasi-Stellar Sources in the Far Ultraviolet", 1967ApJ...148L..65B ADS
- Bahcall, J. N., Wolf, R. A., & Salpeter, E. E., "On the fine structure of absorption lines", 1967AJ.....72Q.290B ADS
- Bahcall, J. N., "An Interpretation of the Absorption Spectrum of $3c\ 191$ ", 1966ApJ...146..615B ADS
- Bahcall, J. N., "On Some Predicted and Observed Features of Quasi-Stellar Sources", 1966ApJ...145..684B ADS
- Bahcall, J. N., "Solar Neutrinos", 1966PhRvL..17..398B ADS
- Bahcall, J. N., Peterson, B. A., & Schmidt, M., "On the Absorption Spectrum of $1116+12$ ", 1966ApJ...145..369B ADS
- Bahcall, J. N. & Salpeter, E. E., "Absorption Lines in the Spectra of Distant Sources", 1966ApJ...144..847B ADS
- Bahcall, J. N. & Davis, Raymond, J., "On the Problem of Detecting Solar Neutrinos", 1966stev.conf..241B ADS
- Bahcall, J. N., "Non-Resonant Nuclear Reactions at Stellar Temperatures.", 1966ApJ...143..259B ADS
- Bahcall, J. N. & Wolf, R. A., "Neutron Stars. II. Neutrino-Cooling and Observability", 1965PhRv..140.1452B ADS
- Bahcall, J. N. & Wolf, R. A., "Neutron Stars. I. Properties at Absolute Zero Temperature", 1965PhRv..140.1445B ADS
- Bahcall, J. N. & Salpeter, E. E., "On the Interaction of Radiation from Distant Sources with the Intervening Medium.", 1965ApJ...142.1677B ADS
- Bahcall, J. N. & Wolf, R. A., "An Observational Test of Theories of Neutron-Star Cooling.", 1965ApJ...142.1254B ADS
- Bahcall, J. N. & Wolf, R. A., "Neutron Stars", 1965PhRvL..14..343B ADS
- Bahcall, J. N., "Observational Neutrino Astronomy", 1965Sci...147..115B ADS
- Bahcall, J. N. & Frautschi, S. C., "Neutrino Opacity. II. Neutrino-Nucleon Interactions", 1964PhRv..136.1547B ADS
- Bahcall, J. N., "Neutrino-spectroscopy of the solar interior", 1964PhL...13..332B ADS
- Bahcall, J. N., "Neutrino Opacity I. Neutrino-Lepton Scattering", 1964PhRv..136.1164B ADS
- Bahcall, J. N. & Frautschi, S. C., "Neutrino Astronomy and Intermediate Bosons", 1964PhRv..135..788B ADS
- Bahcall, J. N. & Wolf, R. A., "Terminating the Proton-Proton Chain at High Densities.", 1964ApJ...139..622B ADS
- Parker, P. D., Bahcall, J. N., & Fowler, W. A., "Termination of the Proton-Proton Chain in Stellar Interiors.", 1964ApJ...139..602P ADS
- Bahcall, J. N., "Electron Capture in Stellar Interiors.", 1964ApJ...139..318B ADS
- Peterson, V. L. & Bahcall, J. N., "Exclusion Principle Inhibition of Beta Decay in Stellar Interiors.", 1963ApJ...138..437P ADS
- Peterson, V. L. & Bahcall, J. N., "Exclusion principle inhibition of beta decay in stellar interiors", 1963PGL0...54..437P ADS
- Bahcall, J. N., Fowler, W. A., Iben, I., J., & Sears, R. L., "Solar Neutrino Flux.", 1963ApJ...137..344B ADS
- Bahcall, J. N., "The Exclusion Principle and Photobeta Reactions in Nucleogenesis.", 1962ApJ...136..445B ADS
- Bahcall, J. N., "Beta Decay in Stellar Interiors", 1962PhRv..126.1143B ADS
- Bahcall, J. N., "Theory of Bound-State Beta Decay", 1961PhRv..124..495B ADS
- Bahcall, J. N.: 1961b, Ph.D. thesis, Harvard University, Massachusetts 1961PhDT.....88B ADS