

# Kazunori Kohri

## List of Publications by Year in descending order

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183  
papers

12,294  
citations

25034

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25787

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189  
docs citations

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times ranked

5817  
citing authors

#	ARTICLE	IF	CITATIONS
1	Monte Carlo Study of Electron and Positron Cosmic-Ray Propagation with the CALET Spectrum. <i>Astrophysical Journal</i> , 2022, 926, 5.	4.5	4
2	The Current Status and Future Prospects of KAGRA, the Large-Scale Cryogenic Gravitational Wave Telescope Built in the Kamioka Underground. <i>Galaxies</i> , 2022, 10, 63.	3.0	13
3	Current status of space gravitational wave antenna DECIGO and B-DECIGO. <i>Progress of Theoretical and Experimental Physics</i> , 2021, 2021, .	6.6	150
4	Spins of Primordial Black Holes Formed in the Radiation-dominated Phase of the Universe: First-order Effect. <i>Astrophysical Journal</i> , 2021, 908, 140.	4.5	10
5	Solar-mass primordial black holes explain NANOGrav hint of gravitational waves. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2021, 813, 136040.	4.1	124
6	Photon emission from inside the innermost stable circular orbit. <i>Physical Review D</i> , 2021, 103, .	4.7	4
7	Microwave spectro-polarimetry of matter and radiation across space and time. <i>Experimental Astronomy</i> , 2021, 51, 1471-1514.	3.7	15
8	Abundance of primordial black holes in peak theory for an arbitrary power spectrum. <i>Progress of Theoretical and Experimental Physics</i> , 2021, 2021, .	6.6	28
9	Impacts of new small-scale $N$ -body simulations on dark matter annihilations constrained from cosmological 21-cm line observations. <i>Physical Review D</i> , 2021, 104, .	4.7	5
10	Constraints on primordial black holes. <i>Reports on Progress in Physics</i> , 2021, 84, 116902.	20.1	391
11	Gravitational waves induced by scalar perturbations during a gradual transition from an early matter era to the radiation era. <i>Journal of Physics: Conference Series</i> , 2020, 1468, 012001.	0.4	4
12	Enhancement of gravitational waves induced by scalar perturbations due to a sudden transition from an early matter era to the radiation era. <i>Journal of Physics: Conference Series</i> , 2020, 1468, 012002.	0.4	4
13	Inflaton as the Affleck-Dine baryogenesis field in hilltop supernatural inflation. <i>Physical Review D</i> , 2020, 102, .	4.7	15
14	Cosmic-ray signatures of dark matter from a flavor dependent gauge symmetry model with neutrino mass mechanism. <i>Physical Review D</i> , 2020, 102, .	4.7	2
15	Updated Design of the CMB Polarization Experiment Satellite LiteBIRD. <i>Journal of Low Temperature Physics</i> , 2020, 199, 1107-1117.	1.4	64
16	Testing the Seesaw Mechanism and Leptogenesis with Gravitational Waves. <i>Physical Review Letters</i> , 2020, 124, 041804.	7.8	84
17	MeV-scale reheating temperature and cosmological production of light sterile neutrinos. <i>Journal of Cosmology and Astroparticle Physics</i> , 2020, 2020, 015-015.	5.4	15
18	Constraints on electron-scattering interpretation of XENON1T excess. <i>Journal of Cosmology and Astroparticle Physics</i> , 2020, 2020, 035-035.	5.4	15

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19	Big-bang nucleosynthesis with sub-GeV massive decaying particles. Journal of Cosmology and Astroparticle Physics, 2020, 2020, 048-048.	5.4	23
20	Cosmic microwave background bounds on primordial black holes including dark matter halo accretion. Physical Review Research, 2020, 2, .	3.6	140
21	Space gravitational-wave antennas DECIGO and B-DECIGO. International Journal of Modern Physics D, 2019, 28, 1845001.	2.1	73
22	Ultracompact minihalos associated with stellar-mass primordial black holes. Physical Review D, 2019, 99, .	4.7	13
23	Dependence of accessible dark matter annihilation cross sections on the density profiles of dwarf spheroidal galaxies with the Cherenkov Telescope Array. Physical Review D, 2019, 99, .	4.7	5
24	Enhancement of gravitational waves induced by scalar perturbations due to a sudden transition from an early matter era to the radiation era. Physical Review D, 2019, 100, .	4.7	85
25	Direct Measurement of the Cosmic-Ray Proton Spectrum from 50ÂGeV to 10ÂTeV with the Calorimetric Electron Telescope on the International Space Station. Physical Review Letters, 2019, 122, 181102.	7.8	108
26	LiteBIRD: A Satellite for the Studies of B-Mode Polarization and Inflation from Cosmic Background Radiation Detection. Journal of Low Temperature Physics, 2019, 194, 443-452.	1.4	193
27	Gravitational waves induced by scalar perturbations during a gradual transition from an early matter era to the radiation era. Journal of Cosmology and Astroparticle Physics, 2019, 2019, 071-071.	5.4	67
28	MeV-scale reheating temperature and thermalization of oscillating neutrinos by radiative and hadronic decays of massive particles. Journal of Cosmology and Astroparticle Physics, 2019, 2019, 012-012.	5.4	155
29	Clustering of primordial black holes formed in a matter-dominated epoch. Physical Review D, 2019, 100, .	4.7	20
30	Prospective constraints on the primordial black hole abundance from the stochastic gravitational-wave backgrounds produced by coalescing events and curvature perturbations. Physical Review D, 2019, 99, .	4.7	108
31	High-energy neutrinos from multibody decaying dark matter. Physical Review D, 2018, 97, .	4.7	25
32	Constraints on small-scale primordial power by annihilation signals from extragalactic dark matter minihalos. Physical Review D, 2018, 97, .	4.7	25
33	Revisiting big-bang nucleosynthesis constraints on long-lived decaying particles. Physical Review D, 2018, 97, .	4.7	151
34	Primordial black hole abundance from random Gaussian curvature perturbations and a local density threshold. Progress of Theoretical and Experimental Physics, 2018, 2018, .	6.6	100
35	Electroweak vacuum instability and renormalized vacuum field fluctuations in Friedmann-Lemaître-Robertson-Walker background. Physical Review D, 2018, 98, .	4.7	11
36	Effect of inhomogeneity on primordial black hole formation in the matter dominated era. Physical Review D, 2018, 98, .	4.7	29

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37	Electroweak vacuum collapse induced by vacuum fluctuations of the Higgs field around evaporating black holes. <i>Physical Review D</i> , 2018, 98, .	4.7	26
38	Characteristics and Performance of the CALorimetric Electron Telescope (CALET) Calorimeter for Gamma-Ray Observations. <i>Astrophysical Journal, Supplement Series</i> , 2018, 238, 5.	7.7	16
39	Primordial black hole dark matter and LIGO/Virgo merger rate from inflation with running spectral indices: formation in the matter- and/or radiation-dominated universe. <i>Classical and Quantum Gravity</i> , 2018, 35, 235017.	4.0	37
40	Slow-roll corrections in multi-field inflation: a separate universes approach. <i>Journal of Cosmology and Astroparticle Physics</i> , 2018, 2018, 021-021.	5.4	0
41	Extended Measurement of the Cosmic-Ray Electron and Positron Spectrum from 11ÂGeV to 4.8ÂTeV with the Calorimetric Electron Telescope on the International Space Station. <i>Physical Review Letters</i> , 2018, 120, 261102.	7.8	134
42	Semianalytic calculation of gravitational wave spectrum nonlinearly induced from primordial curvature perturbations. <i>Physical Review D</i> , 2018, 97, .	4.7	295
43	The LiteBIRD Satellite Mission: Sub-Kelvin Instrument. <i>Journal of Low Temperature Physics</i> , 2018, 193, 1048-1056.	1.4	96
44	Search for GeV Gamma-Ray Counterparts of Gravitational Wave Events by CALET. <i>Astrophysical Journal</i> , 2018, 863, 160.	4.5	10
45	Concept Study of Optical Configurations for High-Frequency Telescope for LiteBIRD. <i>Journal of Low Temperature Physics</i> , 2018, 193, 841-850.	1.4	6
46	Concept design of the LiteBIRD satellite for CMB B-mode polarization. , 2018, , .		19
47	Elucidating dark energy with future 21 cm observations at the epoch of reionization. <i>Journal of Cosmology and Astroparticle Physics</i> , 2017, 2017, 024-024.	5.4	5
48	Prospects for Cherenkov Telescope Array Observations of the Young Supernova Remnant RX J1713.7â³3946. <i>Astrophysical Journal</i> , 2017, 840, 74.	4.5	14
49	Axion-like particles and recent observations of the cosmic infrared background radiation. <i>Physical Review D</i> , 2017, 96, .	4.7	54
50	Effects of electrically charged dark matter on cosmic microwave background anisotropies. <i>Physical Review D</i> , 2017, 95, .	4.7	18
51	Can decaying particle explain cosmic infrared background excess?. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017, 772, 628-633.	4.1	15
52	Electroweak vacuum instability and renormalized Higgs field vacuum fluctuations in the inflationary universe. <i>Journal of Cosmology and Astroparticle Physics</i> , 2017, 2017, 011-011.	5.4	16
53	The status of DECIGO. <i>Journal of Physics: Conference Series</i> , 2017, 840, 012010.	0.4	148
54	Spins of primordial black holes formed in the matter-dominated phase of the Universe. <i>Physical Review D</i> , 2017, 96, .	4.7	89

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55	CMB bounds on disk-accreting massive primordial black holes. <i>Physical Review D</i> , 2017, 96, .	4.7	196
56	Constraints on long-lived electrically charged massive particles from anomalous strong lens systems. <i>Journal of Cosmology and Astroparticle Physics</i> , 2017, 2017, 008-008.	5.4	7
57	Multi-field effects in a simple extension of R <sup>2</sup> inflation. <i>Journal of Cosmology and Astroparticle Physics</i> , 2017, 2017, 044-044.	5.4	14
58	Cosmological constant problem and renormalized vacuum energy density in curved background. <i>Journal of Cosmology and Astroparticle Physics</i> , 2017, 2017, 006-006.	5.4	16
59	Annihilation signals from dark matter minihalos as a probe of primordial power on small scales revisited. , 2017, , .		0
60	Reinterpretation of the Starobinsky model. <i>Progress of Theoretical and Experimental Physics</i> , 2016, 2016, 123E01.	6.6	15
61	PRIMORDIAL BLACK HOLE FORMATION IN THE MATTER-DOMINATED PHASE OF THE UNIVERSE. <i>Astrophysical Journal</i> , 2016, 833, 61.	4.5	94
62	Cosmology with the Square Kilometre Array by SKA-Japan. <i>Publication of the Astronomical Society of Japan</i> , 2016, 68, R2.	2.5	8
63	Higgs vacuum metastability in primordial inflation, preheating, and reheating. <i>Physical Review D</i> , 2016, 94, .	4.7	49
64	What we can learn from the spectral index of the tensor mode. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016, 755, 70-75.	4.1	1
65	Can we explain AMS-02 antiproton and positron excesses simultaneously by nearby supernovae without pulsars or dark matter?. <i>Progress of Theoretical and Experimental Physics</i> , 2016, 2016, 021E01.	6.6	51
66	Dynamical fine-tuning of initial conditions for small field inflation. <i>Physical Review D</i> , 2016, 93, .	4.7	4
67	Constraints on primordial black holes from the Galactic gamma-ray background. <i>Physical Review D</i> , 2016, 94, .	4.7	96
68	Constraints on the neutrino parameters by future cosmological 21 cm line and precise CMB polarization observations. <i>Journal of Cosmology and Astroparticle Physics</i> , 2016, 2016, 008-008.	5.4	35
69	Revisiting big-bang nucleosynthesis constraints on dark-matter annihilation. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015, 751, 246-250.	4.1	31
70	Superheavy dark matter and IceCube neutrino signals: Bounds on decaying dark matter. <i>Physical Review D</i> , 2015, 92, .	4.7	95
71	Ambiguity in running spectral index with an extra light field during inflation. <i>Journal of Cosmology and Astroparticle Physics</i> , 2015, 2015, 019-019.	5.4	9
72	130 GeV gamma-ray line through axion conversion. <i>Physical Review D</i> , 2015, 91, .	4.7	0

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73	Small field Coleman-Weinberg inflation driven by a fermion condensate. <i>Physical Review D</i> , 2015, 91, .	4.7	25
74	X-ray spectroscopy of the mixed morphology supernova remnant W49B with XMM-Newton. <i>Publication of the Astronomical Society of Japan</i> , 2014, 66, .	2.5	14
75	Probing lepton asymmetry with 21 cm fluctuations. <i>Journal of Cosmology and Astroparticle Physics</i> , 2014, 2014, 014-014.	5.4	5
76	Big-bang nucleosynthesis through bound-state effects with a long-lived slepton in the NMSSM. <i>Physical Review D</i> , 2014, 90, .	4.7	3
77	Testing scenarios of primordial black holes being the seeds of supermassive black holes by ultracompact minihalos and CMB $\frac{1}{4}$ distortions. <i>Physical Review D</i> , 2014, 90, .	4.7	91
78	Production cross sections of $\gamma$ -rays, electrons, and positrons in $p\bar{p}$ collisions. <i>Astroparticle Physics</i> , 2014, 55, 8-16.	4.3	1
79	Hilltop supernatural inflation and SUSY unified models. <i>Journal of Cosmology and Astroparticle Physics</i> , 2014, 2014, 029-029.	5.4	6
80	Distinguishing between extra natural inflation and natural inflation after BICEP2. <i>Journal of Cosmology and Astroparticle Physics</i> , 2014, 2014, 001-001.	5.4	8
81	Scale-dependent CMB asymmetry from primordial configuration. <i>Journal of Cosmology and Astroparticle Physics</i> , 2014, 2014, 026-026.	5.4	17
82	Big-bang nucleosynthesis with a long-lived CHAMP including He4 spallation process. <i>Journal of Physics: Conference Series</i> , 2014, 485, 012020.	0.4	1
83	Non-Gaussianity in the inflating curvaton. <i>Physical Review D</i> , 2013, 87, .	4.7	11
84	Constraining the cogeneration of visible and dark matter with AMS-02 and Xenon-100. <i>Physical Review D</i> , 2013, 88, .	4.7	15
85	Introducing the CTA concept. <i>Astroparticle Physics</i> , 2013, 43, 3-18.	4.3	504
86	Determination of neutrino mass hierarchy by 21 cm line and CMB B-mode polarization observations. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013, 718, 1186-1193.	4.1	23
87	Observable induced gravitational waves from an early matter phase. <i>Journal of Cosmology and Astroparticle Physics</i> , 2013, 2013, 033-033.	5.4	75
88	Modulated decay in the multi-component Universe. <i>Journal of Cosmology and Astroparticle Physics</i> , 2013, 2013, 047-047.	5.4	7
89	Structure of dark matter halos in warm dark matter models and in models with long-lived charged massive particles. <i>Journal of Cosmology and Astroparticle Physics</i> , 2013, 2013, 008-008.	5.4	37
90	Delta-N formalism for curvaton with modulated decay. <i>Journal of Cosmology and Astroparticle Physics</i> , 2013, 2013, 009-009.	5.4	4

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91	Precise measurements of primordial power spectrum with 21 cm fluctuations. Journal of Cosmology and Astroparticle Physics, 2013, 2013, 065-065.	5.4	35
92	Primordial black holes from the inflating curvaton. Physical Review D, 2013, 87, .	4.7	94
93	Threshold of primordial black hole formation. Physical Review D, 2013, 88, .	4.7	258
94	The inflating curvaton. Journal of Cosmology and Astroparticle Physics, 2012, 2012, 022-022.	5.4	34
95	Observable spectra of induced gravitational waves from inflation. Journal of Cosmology and Astroparticle Physics, 2012, 2012, 017-017.	5.4	112
96	Allowed slepton intergenerational mixing in light of light element abundances. Physical Review D, 2012, 86, .	4.7	8
97	Constraint on slepton intergenerational mixing from big-bang nucleosynthesis. , 2012, , .		0
98	Hybrid curvaton. Physical Review D, 2012, 85, .	4.7	11
99	EVOLUTION OF SYNCHROTRON X-RAYS IN SUPERNOVA REMNANTS. Astrophysical Journal, 2012, 746, 134.	4.5	24
100	Big-bang nucleosynthesis with a long-lived charged massive particle including 4He spallation processes in a bound state. , 2012, , .		0
101	A possible origin of the rapid variability of gamma-ray bursts due to convective energy transfer in hyperaccretion discs. Monthly Notices of the Royal Astronomical Society, 2012, 419, 713-717.	4.4	22
102	Positron annihilation as a cosmic ray probe. Monthly Notices of the Royal Astronomical Society: Letters, 2012, 421, L102-L106.	3.3	5
103	Gamma-ray flare and absorption in the Crab nebula: lovely TeV-PeV astrophysics. Monthly Notices of the Royal Astronomical Society, 2012, 424, 2249-2254.	4.4	18
104	Big-bang nucleosynthesis with a long-lived charged massive particle including $\langle \text{He} \rangle$ spallation processes. Physical Review D, 2011, 84, .	4.7	17
105	Phenomenology of gravitational aether as a solution to the old cosmological constant problem. Physical Review D, 2011, 84, .	4.7	12
106	Design concepts for the Cherenkov Telescope Array CTA: an advanced facility for ground-based high-energy gamma-ray astronomy. Experimental Astronomy, 2011, 32, 193-316.	3.7	640
107	Affleck-Dine baryogenesis with modulated reheating. Journal of Cosmology and Astroparticle Physics, 2011, 2011, 027-027.	5.4	4
108	The gravitino problem in supersymmetric warm inflation. Journal of Cosmology and Astroparticle Physics, 2011, 2011, 020-020.	5.4	11

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109	Cosmological constraints on dark matter models with velocity-dependent annihilation cross section. <i>Physical Review D</i> , 2011, 83, .	4.7	59
110	The Japanese space gravitational wave antenna: DECIGO. <i>Classical and Quantum Gravity</i> , 2011, 28, 094011.	4.0	456
111	Cosmology with long-lived charged massive particles. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2010, 682, 337-341.	4.1	21
112	Right-handed sneutrino dark matter and big-bang nucleosynthesis. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2010, 689, 163-168.	4.1	13
113	Hilltop supernatural inflation and gravitino problem. <i>Journal of Cosmology and Astroparticle Physics</i> , 2010, 2010, 010-010.	5.4	10
114	DECIGO and DECIGO pathfinder. <i>Classical and Quantum Gravity</i> , 2010, 27, 084010.	4.0	39
115	On the generation of a non-gaussian curvature perturbation during preheating. <i>Journal of Cosmology and Astroparticle Physics</i> , 2010, 2010, 023-023.	5.4	39
116	Stau relic density at the big-bang nucleosynthesis era in the coannihilation scenario and a solution to the $Li7$ problem. <i>Physical Review D</i> , 2010, 82, .	4.7	23
117	Cosmic ray anomalies and dark matter annihilation to muons via a Higgs portal hidden sector. <i>Physical Review D</i> , 2010, 81, .	4.7	10
118	New cosmological constraints on primordial black holes. <i>Physical Review D</i> , 2010, 81, .	4.7	762
119	X-RAY OBSERVATION OF VERY HIGH ENERGY GAMMA-RAY SOURCE, HESS J1745-303, WITH SUZAKU.	4.5	26
120	Neutrino signals from annihilating/decaying dark matter in the light of recent measurements of cosmic ray electron/positron fluxes. <i>Physical Review D</i> , 2009, 79, .	4.7	51
121	COSMOLOGICAL PROMISING PARAMETERS OF STAU IN THE MINIMAL SUPERSYMMETRIC STANDARD MODEL. <i>International Journal of Modern Physics A</i> , 2009, 24, 3501-3507.	1.5	1
122	DECIGO pathfinder. <i>Classical and Quantum Gravity</i> , 2009, 26, 094019.	4.0	18
123	Possible solution to the $Li7$ problem by the long lived stau. , 2009, , .		1
124	Positron and gamma-ray signatures of dark matter annihilation and big-bang nucleosynthesis. <i>Physical Review D</i> , 2009, 79, .	4.7	56
125	Probing the unified origin of dark matter and baryon asymmetry at PAMELA and Fermi Large Area Telescope. <i>Physical Review D</i> , 2009, 80, .	4.7	27
126	Is the PAMELA anomaly caused by supernova explosions near the Earth?. <i>Physical Review D</i> , 2009, 80, .	4.7	95



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127	Cosmological scenario of the stop as the next lightest supersymmetric particle with the gravitino as the lightest supersymmetric particle, and the cosmic lithium problem. Physical Review D, 2009, 79, .	4.7	22
128	Inflation, baryogenesis, and gravitino dark matter at ultralow reheat temperatures. Physical Review D, 2009, 80, .	4.7	28
129	Generating primordial black holes via hilltop-type inflation models. Physical Review D, 2009, 80, .	4.7	52
130	Cosmic rays from dark matter annihilation and big-bang nucleosynthesis. Physical Review D, 2009, 79, .	4.7	60
131	Diffuse gamma-ray background and cosmic-ray positrons from annihilating dark matter. Physical Review D, 2009, 80, .	4.7	19
132	DECIGO: The Japanese space gravitational wave antenna. Journal of Physics: Conference Series, 2009, 154, 012040.	0.4	30
133	Big-bang nucleosynthesis and gravitinos. Physical Review D, 2008, 78, .	4.7	320
134	Big-bang nucleosynthesis and the relic abundance of dark matter in a stau-neutralino coannihilation scenario. Physical Review D, 2008, 78, .	4.7	40
135	A solution to the ${}^7\text{Li}$ problem by the long lived stau. AIP Conference Proceedings, 2008, , .	0.4	1
136	Flaxino dark matter and stau decay. Journal of High Energy Physics, 2008, 2008, 061-061.	4.7	16
137	Discovery of Extended X-Ray Emission from an Unidentified TeV Source, HESS J1614-518, Using the Suzaku Satellite. Publication of the Astronomical Society of Japan, 2008, 60, S163-S172.	2.5	9
138	X-ray follow-ups of TeV unID sources using Suzakuâ€”HESS J1745â€”303â€”. , 2008, , .		0
139	Black hole formation and slow-roll inflation. Journal of Cosmology and Astroparticle Physics, 2008, 2008, 038.	5.4	95
140	Detecting the Earth-Skimming Tau Neutrinos. Journal of the Physical Society of Japan, 2008, 77, 101-102.	1.6	0
141	DECIGO: THE JAPANESE SPACE GRAVITATIONAL WAVE ANTENNA. , 2008, , .		0
142	Long Lived Charged Massive Particles and Big Bang Nucleosynthesis. AIP Conference Proceedings, 2007, , .	0.4	2
143	More hilltop inflation models. Journal of Cosmology and Astroparticle Physics, 2007, 2007, 004-004.	5.4	99
144	Big bang nucleosynthesis with long-lived charged massive particles. Physical Review D, 2007, 76, .	4.7	99

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145	On the Origin of Galactic TeV Unidentified Sources. Progress of Theoretical Physics Supplement, 2007, 169, 166-169.	0.1	0
146	Nonthermal Emission Associated with Strong AGN Outbursts at the Centers of Galaxy Clusters. Astrophysical Journal, 2007, 663, L61-L64.	4.5	54
147	Solving the cosmic lithium problems with primordial late-decaying particles. Physical Review D, 2007, 76, .	4.7	50
148	Possible solution to the Li7 problem by the long lived stau. Physical Review D, 2007, 76, .	4.7	60
149	Cosmological constraints on neutrino injection. Physical Review D, 2007, 76, .	4.7	21
150	Cosmological constraints on the gravitino LSP scenario with a sneutrino NLSP. Physical Review D, 2007, 75, .	4.7	49
151	Big-bang nucleosynthesis with long-lived charged slepton. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2007, 649, 436-439.	4.1	69
152	TEV GAMMA-RAYS FROM OLD SUPERNOVA REMNANTS. , 2007, , .		0
153	TeV $\gamma$ -rays from old supernova remnants. Monthly Notices of the Royal Astronomical Society, 2006, 371, 1975-1982.	4.4	104
154	The Japanese space gravitational wave antenna "DECIGO". Classical and Quantum Gravity, 2006, 23, S125-S131.	4.0	388
155	Big-bang nucleosynthesis with unstable gravitino and upper bound on the reheating temperature. Physical Review D, 2006, 73, .	4.7	170
156	USING GRAVITATIONAL-WAVE OBSERVATIONS TO CONSTRAIN THE PARAMETERS OF BAG MODEL. , 2006, , .		0
157	Neutrino-dominated Accretion and Supernovae. Astrophysical Journal, 2005, 629, 341-361.	4.5	171
158	Hadronic decay of late-decaying particles and big-bang nucleosynthesis. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2005, 625, 7-12.	4.1	346
159	Neutralino dark matter from heavy gravitino decay. Physical Review D, 2005, 72, .	4.7	38
160	Sub-GeV galactic cosmic-ray antiprotons from primordial black holes in the Randall-Sundrum braneworld. Physical Review D, 2005, 71, .	4.7	24
161	Big-bang nucleosynthesis and hadronic decay of long-lived massive particles. Physical Review D, 2005, 71, .	4.7	633
162	Instability of dark energy with mass-varying neutrinos. Physical Review D, 2005, 72, .	4.7	129

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163	HADRONIC DECAY OF THE GRAVITINO IN THE EARLY UNIVERSE AND ITS IMPLICATIONS TO INFLATION. , 2005, , .		0
164	Restricting quark matter models by gravitational wave observation. Physical Review D, 2004, 69, .	4.7	99
165	Production and dilution of gravitinos by modulus decay. Physical Review D, 2004, 70, .	4.7	40
166	AFFLECK-DINE BARYOGENESIS IN A STRING MODEL. Modern Physics Letters A, 2004, 19, 1231-1234.	1.2	1
167	Anisotropic kinetic pressure in ideal MHD and application to entropy production in neutrino-driven wind in supernovae. Astroparticle Physics, 2004, 21, 433-441.	4.3	6
168	HADRONIC DECAY OF SUSY PARTICLE AND DESTRUCTION OF LIGHT ELEMENTS. , 2004, , .		0
169	Primordial nucleosynthesis and hadronic decay of supersymmetric particles in the early universe. Nuclear Physics A, 2003, 718, 377-379.	1.5	0
170	Gamma-ray burst neutrino background and star formation history in the universe. Astroparticle Physics, 2003, 18, 551-564.	4.3	18
171	Possible Quark Star RX J1856.5-3754 and Its Mass. Progress of Theoretical Physics Supplement, 2003, 151, 181-185.	0.1	5
172	Dilaton stabilization and baryogenesis. Physical Review D, 2003, 67, .	4.7	19
173	Quintessence Cosmology and Varying $\hat{A}$ . Progress of Theoretical Physics, 2002, 107, 631-636.	2.0	77
174	Polarization tensors in strong magnetic fields. Physical Review D, 2002, 65, .	4.7	23
175	Can Neutrino-cooled Accretion Disks Be an Origin of Gamma-ray Bursts?. Astrophysical Journal, 2002, 577, 311-321.	4.5	170
176	Neutralino warm dark matter. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 505, 169-176.	4.1	59
177	The r-Process Nucleosynthesis in Neutrino-/Magnetocentrifugally-Driven Winds. Publication of the Astronomical Society of Japan, 2001, 53, 547-554.	2.5	13
178	Radiative decay of a massive particle and the nonthermal process in primordial nucleosynthesis. Physical Review D, 2001, 63, .	4.7	111
179	Primordial nucleosynthesis and hadronic decay of a massive particle with a relatively short lifetime. Physical Review D, 2001, 64, .	4.7	78
180	Cosmological Constraints on Late-time Entropy Production. Physical Review Letters, 1999, 82, 4168-4171.	7.8	282

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181	Big Bang Nucleosynthesis and Lepton Number Asymmetry in the Universe. <i>Astrophysical Journal</i> , 1997, 490, 72-75.	4.5	43
182	Multidimensional treatment of photon emission from accretion discs around black holes. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, 381, 1267-1274.	4.4	5
183	Gravitational Wave Physics and Astronomy in the nascent era. <i>Progress of Theoretical and Experimental Physics</i> , 0, , .	6.6	3