

Naoki Yoshida

List of Publications by Year in descending order

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229
papers

22,605
citations

16451

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232
all docs

232
docs citations

232
times ranked

9033
citing authors

#	ARTICLE	IF	CITATIONS
1	Disc fragmentation and oligarchic growth of protostellar systems in low-metallicity gas clouds. Monthly Notices of the Royal Astronomical Society, 2022, 510, 5199-5219.	4.4	13
2	The three-year shear catalog of the Subaru Hyper Suprime-Cam SSP Survey. Publication of the Astronomical Society of Japan, 2022, 74, 421-459.	2.5	31
3	Stellar wind effect on the atmospheric escape of hot Jupiters and their Ly α and H α transits. Monthly Notices of the Royal Astronomical Society, 2022, 512, 855-860.	4.4	6
4	Detecting Preheating in Protoclusters with Ly α Forest Tomography. Astrophysical Journal, 2022, 927, 53.	4.5	5
5	H ₂ Cooling and Gravitational Collapse of Supersonically Induced Gas Objects. Astrophysical Journal Letters, 2022, 927, L12.	8.3	6
6	Possible Systematic Rotation in the Mature Stellar Population of a $z = 9.1$ Galaxy. Astrophysical Journal Letters, 2022, 933, L19.	8.3	7
7	Large-scale Variation in Reionization History Caused by Baryon "Dark Matter Streaming Velocity. Astrophysical Journal, 2021, 908, 96.	4.5	13
8	Radiation Hydrodynamics Simulations of Protoplanetary Disks: Stellar Mass Dependence of the Disk Photoevaporation Rate. Astrophysical Journal, 2021, 910, 51.	4.5	19
9	Noise reduction for weak lensing mass mapping: an application of generative adversarial networks to Subaru Hyper Suprime-Cam first-year data. Monthly Notices of the Royal Astronomical Society, 2021, 504, 1825-1839.	4.4	15
10	α -process enrichment of ultrafaint dwarf galaxies. Monthly Notices of the Royal Astronomical Society, 2021, 505, 3755-3766.	4.4	4
11	Formation of an Extended Stellar Halo around an Ultra-faint Dwarf Galaxy Following One of the Earliest Mergers from Galactic Building Blocks. Astrophysical Journal Letters, 2021, 914, L10.	8.3	21
12	Three-dimensional Reconstruction of Weak-lensing Mass Maps with a Sparsity Prior. I. Cluster Detection. Astrophysical Journal, 2021, 916, 67.	4.5	2
13	Fragmentation of ring galaxies and transformation to clumpy galaxies. Monthly Notices of the Royal Astronomical Society, 2021, 507, 6140-6147.	4.4	2
14	Deep Learning for Line Intensity Mapping Observations: Information Extraction from Noisy Maps. Astrophysical Journal Letters, 2021, 906, L1.	8.3	13
15	A 400 trillion-grid Vlasov simulation on Fugaku supercomputer. , 2021, , .		4
16	Internal R-process Abundance Spread of M15 and a Single Stellar Population Model. Astrophysical Journal Letters, 2021, 921, L11.	8.3	2
17	A missing piece of the cosmic history. International Journal of Modern Physics D, 2021, 30, .	2.1	0
18	Deep-learning Reconstruction of Three-dimensional Galaxy Distributions with Intensity Mapping Observations. Astrophysical Journal Letters, 2021, 923, L7.	8.3	4

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19	Photometric classification of Hyper Suprime-Cam transients using machine learning. Publication of the Astronomical Society of Japan, 2020, 72, .	2.5	13
20	Formation of massive stars under protostellar radiation feedback: very metal-poor stars. Monthly Notices of the Royal Astronomical Society, 2020, 497, 829-845.	4.4	17
21	The CO universe: modelling CO emission and H ₂ abundance in cosmological galaxy formation simulations. Monthly Notices of the Royal Astronomical Society, 2020, 498, 5960-5971.	4.4	8
22	Deep learning for intensity mapping observations: component extraction. Monthly Notices of the Royal Astronomical Society: Letters, 2020, 496, L54-L58.	3.3	15
23	Cross-correlation of the extragalactic gamma-ray background with the thermal Sunyaev-Zel'dovich effect in the cosmic microwave background. Physical Review D, 2020, 101, .	4.7	3
24	ALMA uncovers the [C ¹⁸ O] emission and warm dust continuum in a $z = 8.31$ Lyman break galaxy. Monthly Notices of the Royal Astronomical Society, 2020, 493, 4294-4307.	4.4	95
25	Cross-correlation of the thermal Sunyaev-Zel'dovich effect and weak gravitational lensing: Planck and Subaru Hyper Suprime-Cam first-year data. Monthly Notices of the Royal Astronomical Society, 2020, 492, 4780-4804.	4.4	26
26	Spiral-arm instability III. Fragmentation of primordial protostellar discs. Monthly Notices of the Royal Astronomical Society: Letters, 2020, 491, L24-L28.	3.3	12
27	Rapid Transients Originating from Thermonuclear Explosions in Helium White Dwarf Tidal Disruption Events. Astrophysical Journal Letters, 2020, 890, L26.	8.3	9
28	R-process enrichment in ultrafaint dwarf galaxies. Monthly Notices of the Royal Astronomical Society, 2020, 494, 120-128.	4.4	24
29	First Structure Formation under the Influence of Gas "Dark Matter Streaming Velocity and Density: Impact of the "Baryons Trace Dark Matter" Approximation. Astrophysical Journal, 2020, 900, 30.	4.5	12
30	Cosmological Vlasov-Poisson Simulations of Structure Formation with Relic Neutrinos: Nonlinear Clustering and the Neutrino Mass. Astrophysical Journal, 2020, 904, 159.	4.5	17
31	Large format imaging spectrograph for the Large Submillimeter Telescope (LST). , 2020, , .		3
32	Photoevaporation of Minihalos During Cosmic Reionization: Primordial and Metal-enriched Halos. Astrophysical Journal, 2020, 905, 151.	4.5	9
33	Titans of the early Universe: The Prato statement on the origin of the first supermassive black holes. Publications of the Astronomical Society of Australia, 2019, 36, .	3.4	114
34	Spectral energy distribution of the first galaxies: contribution from pre-main-sequence stars. Monthly Notices of the Royal Astronomical Society: Letters, 2019, 488, L64-L68.	3.3	1
35	Cross-correlation between the 21-cm signal and [O ⁱⁱⁱ] emitters during early cosmic reionization. Monthly Notices of the Royal Astronomical Society, 2019, 489, 2471-2477.	4.4	12
36	Denosing weak lensing mass maps with deep learning. Physical Review D, 2019, 100, .	4.7	17

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37	Clumpy galaxies in cosmological simulations: the effect of ISM model. Monthly Notices of the Royal Astronomical Society, 2019, 488, 4400-4412.	4.4	12
38	The Hyper Suprime-Cam SSP transient survey in COSMOS: Overview. Publication of the Astronomical Society of Japan, 2019, 71, .	2.5	22
39	Spiral-arm instability – II. Magnetic destabilization. Monthly Notices of the Royal Astronomical Society, 2019, 485, 3024-3041.	4.4	12
40	Detection of the Far-infrared [O iii] and Dust Emission in a Galaxy at Redshift 8.312: Early Metal Enrichment in the Heart of the Reionization Era. Astrophysical Journal, 2019, 874, 27.	4.5	144
41	Growth of intermediate mass black holes by tidal disruption events in the first star clusters. Monthly Notices of the Royal Astronomical Society, 2019, 484, 4665-4677.	4.4	26
42	Formation of Carbon-enhanced Metal-poor Stars As a Consequence of Inhomogeneous Metal Mixing. Astrophysical Journal Letters, 2019, 870, L3.	8.3	20
43	Formation of the first generation of stars and blackholes in the Universe. Proceedings of the Japan Academy Series B: Physical and Biological Sciences, 2019, 95, 17-28.	3.8	3
44	Detections of far-infrared [OIII] and dust emission in a galaxy at $z = 8.312$: Early metal enrichment in the heart of the reionization era. Proceedings of the International Astronomical Union, 2019, 15, 211-215.	0.0	0
45	First galaxy SED: Contribution from pre-main-sequence stars. Proceedings of the International Astronomical Union, 2019, 15, 287-288.	0.0	0
46	Growth of intermediate mass black holes in first star clusters. Proceedings of the International Astronomical Union, 2019, 14, 220-223.	0.0	0
47	Dark Quest. I. Fast and Accurate Emulation of Halo Clustering Statistics and Its Application to Galaxy Clustering. Astrophysical Journal, 2019, 884, 29.	4.5	126
48	Fingerprint of the first stars: multi-enriched extremely metal-poor stars in the TOPoS survey. Monthly Notices of the Royal Astronomical Society, 2019, 482, 1204-1210.	4.4	24
49	Photoevaporation of Molecular Gas Clumps Illuminated by External Massive Stars: Clump Lifetimes and Metallicity Dependence. Astrophysical Journal, 2019, 883, 127.	4.5	11
50	ADF22: Blind Detections of [C II] Line Emitters Shown to be Spurious. Research Notes of the AAS, 2019, 3, 97.	0.7	4
51	Radiation Hydrodynamics Simulations of Photoevaporation of Protoplanetary Disks by Ultraviolet Radiation: Metallicity Dependence. Astrophysical Journal, 2018, 857, 57.	4.5	51
52	Formation of the First Star Clusters and Massive Star Binaries by Fragmentation of Filamentary Primordial Gas Clouds. Astrophysical Journal, 2018, 855, 17.	4.5	31
53	Radiation Hydrodynamics Simulations of Photoevaporation of Protoplanetary Disks. II. Metallicity Dependence of UV and X-Ray Photoevaporation. Astrophysical Journal, 2018, 865, 75.	4.5	46
54	The distribution and physical properties of high-redshift [O III] emitters in a cosmological hydrodynamics simulation. Monthly Notices of the Royal Astronomical Society: Letters, 2018, 481, L84-L88.	3.3	35

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55	Correlation of extragalactic $\hat{\gamma}$ rays with cosmic matter density distributions from weak gravitational lensing. <i>Physical Review D</i> , 2018, 97, .	4.7	8
56	Tidal disruption of a white dwarf by a black hole: the diversity of nucleosynthesis, explosion energy, and the fate of debris streams. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 477, 3449-3460.	4.4	24
57	Probing the shape and internal structure of dark matter haloes with the halo-shear "shear three-point correlation function. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 475, 1665-1679.	4.4	1
58	Radiation hydrodynamics simulations of the formation of direct-collapse supermassive stellar systems. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 475, 4104-4121.	4.4	52
59	Spiral-arm instability: giant clump formation via fragmentation of a galactic spiral arm. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 474, 3466-3487.	4.4	23
60	The onset of star formation 250 million years after the Big Bang. <i>Nature</i> , 2018, 557, 392-395.	27.8	261
61	Investigating cluster astrophysics and cosmology with cross-correlation of the thermal Sunyaev-Zel'dovich effect and weak lensing. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 475, 532-542.	4.4	25
62	Descendants of the first stars: the distinct chemical signature of second-generation stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 478, 1795-1810.	4.4	77
63	Electrochemical Degradation Caused By Mechanical Damage in All Solid State Battery Based on Al ₂ O ₃ doped Li ₇ La ₃ Zr ₂ O ₁₂ . <i>ECS Meeting Abstracts</i> , 2018, , .	0.0	0
64	Preparation and Electrochemical Evaluation of LiCoO ₂ Film Prepared with Cold Spraying for Development of Lithium-Ion Battery. <i>ECS Transactions</i> , 2017, 75, 191-199.	0.5	0
65	Electrochemical Degradation Caused by Mechanical Damage in Silicon Negative Electrodes. <i>ECS Transactions</i> , 2017, 75, 31-37.	0.5	0
66	Supersonic gas streams enhance the formation of massive black holes in the early universe. <i>Science</i> , 2017, 357, 1375-1378.	12.6	99
67	Effects of electrically charged dark matter on cosmic microwave background anisotropies. <i>Physical Review D</i> , 2017, 95, .	4.7	18
68	Single-Epoch Supernova Classification with Deep Convolutional Neural Networks. , 2017, , .		6
69	Multidimensional Vlasov-Poisson Simulations with High-order Monotonicity- and Positivity-preserving Schemes. <i>Astrophysical Journal</i> , 2017, 849, 76.	4.5	23
70	Large-scale clustering as a probe of the origin and the host environment of fast radio bursts. <i>Physical Review D</i> , 2017, 95, .	4.7	16
71	Formation of intermediate-mass black holes through runaway collisions in the first star clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 472, 1677-1684.	4.4	69
72	Formation of the First Stars and Blackholes. <i>Proceedings of the International Astronomical Union</i> , 2017, 12, 209-215.	0.0	0

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73	ALMA deep field in SSA22: Blindly detected CO emitters and [C ¹⁸ O] emitter candidates. Publication of the Astronomical Society of Japan, 2017, 69, .	2.5	21
74	COSMOLOGICAL SIMULATIONS OF EARLY BLACK HOLE FORMATION: HALO MERGERS, TIDAL DISRUPTION, AND THE CONDITIONS FOR DIRECT COLLAPSE. Astrophysical Journal, 2016, 832, 134.	4.5	70
75	Cosmological constraints on dark matter annihilation and decay: Cross-correlation analysis of the extragalactic γ -ray background and cosmic shear. Physical Review D, 2016, 94, .	4.7	14
76	FORMATION OF MASSIVE PRIMORDIAL STARS: INTERMITTENT UV FEEDBACK WITH EPISODIC MASS ACCRETION. Astrophysical Journal, 2016, 824, 119.	4.5	169
77	Cosmological constraint on the light gravitino mass from CMB lensing and cosmic shear. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 004-004.	5.4	29
78	THE FINAL FATES OF ACCRETING SUPERMASSIVE STARS. Astrophysical Journal Letters, 2016, 830, L34.	8.3	84
79	Matter power spectrum in hidden neutrino interacting dark matter models: a closer look at the collision term. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 043-043.	5.4	55
80	The Subaru FMOS galaxy redshift survey (FastSound). IV. New constraint on gravity theory from redshift space distortions at $z \sim 1.4$. Publication of the Astronomical Society of Japan, 2016, 68, .	2.5	171
81	Gravitational collapse and the thermal evolution of low-metallicity gas clouds in the early Universe. Monthly Notices of the Royal Astronomical Society, 2016, 463, 2781-2798.	4.4	42
82	Nebular line emission from $z \sim 7$ galaxies in a cosmological simulation: rest-frame UV to optical lines. Monthly Notices of the Royal Astronomical Society, 2016, 461, 3563-3575.	4.4	25
83	THE HYDRODYNAMIC FEEDBACK OF COSMIC REIONIZATION ON SMALL-SCALE STRUCTURES AND ITS IMPACT ON PHOTON CONSUMPTION DURING THE EPOCH OF REIONIZATION. Astrophysical Journal, 2016, 831, 86.	4.5	33
84	Supermassive star formation via episodic accretion: protostellar disc instability and radiative feedback efficiency. Monthly Notices of the Royal Astronomical Society, 2016, 459, 1137-1145.	4.4	54
85	Detection of an oxygen emission line from a high-redshift galaxy in the reionization epoch. Science, 2016, 352, 1559-1562.	12.6	173
86	Probing cosmology with weak lensing selected clusters. II. Dark energy and $f(z)R(z)$ gravity models. Publication of the Astronomical Society of Japan, 2016, 68, .	2.5	10
87	Preparation and Electrochemical Evaluation of LiCoO ₂ Film Prepared with Cold Spraying for Development of Lithium-Ion Battery. ECS Meeting Abstracts, 2016, , .	0.0	0
88	Electrochemical Degradations Caused By Mechanical Damages in Silicon Negative Electrode. ECS Meeting Abstracts, 2016, , .	0.0	0
89	Cross-correlation of the extragalactic gamma-ray background with luminous red galaxies. Physical Review D, 2015, 92, .	4.7	15
90	EARLY STRUCTURE FORMATION FROM PRIMORDIAL DENSITY FLUCTUATIONS WITH A BLUE, TILTED POWER SPECTRUM. Astrophysical Journal, 2015, 814, 18.	4.5	17

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91	Probing cosmology with weak lensing selected clusters â€œ I. Halo approach and all-sky simulations. Monthly Notices of the Royal Astronomical Society, 2015, 453, 3044-3068.	4.4	40
92	Particle splitting in smoothed particle hydrodynamics based on Voronoi diagram. Monthly Notices of the Royal Astronomical Society, 2015, 451, 3955-3963.	4.4	23
93	Formation of primordial supermassive stars by burst accretion. Monthly Notices of the Royal Astronomical Society, 2015, 452, 755-764.	4.4	65
94	IMPACT OF BARYONIC PROCESSES ON WEAK-LENSING COSMOLOGY: POWER SPECTRUM, NONLOCAL STATISTICS, AND PARAMETER BIAS. Astrophysical Journal, 2015, 806, 186.	4.5	59
95	Primordial star formation under the influence of far ultraviolet radiation: 1540 cosmological haloes and the stellar mass distribution. Monthly Notices of the Royal Astronomical Society, 2015, 448, 568-587.	4.4	226
96	Supernova dust formation and the grain growth in the early universe: the critical metallicity for low-mass star formation. Monthly Notices of the Royal Astronomical Society, 2015, 446, 2659-2672.	4.4	37
97	A Large Sky Survey Project and the Related Big Data Analysis. Lecture Notes in Computer Science, 2015, , 228-230.	1.3	0
98	On de Sitter geometry in cosmic void statistics. Monthly Notices of the Royal Astronomical Society, 2014, 438, 1603-1610.	4.4	8
99	On the systematic errors of cosmological-scale gravity tests using redshift-space distortion: non-linear effects and the halo bias. Monthly Notices of the Royal Astronomical Society, 2014, 443, 3359-3367.	4.4	18
100	Dust grain growth and the formation of the extremely primitive star SDSS J102915+172927. Monthly Notices of the Royal Astronomical Society, 2014, 439, 3121-3127.	4.4	28
101	Reproducing cosmic evolution of galaxy population from $z=4$ to 0. Publication of the Astronomical Society of Japan, 2014, 66, .	2.5	32
102	Cross correlation of cosmic shear and extragalactic gamma-ray background: Constraints on the dark matter annihilation cross section. Physical Review D, 2014, 90, .	4.7	48
103	THE ORIGIN OF THE MOST IRON-POOR STAR. Astrophysical Journal, 2014, 794, 100.	4.5	41
104	ONE HUNDRED FIRST STARS: PROTOSTELLAR EVOLUTION AND THE FINAL MASSES. Astrophysical Journal, 2014, 781, 60.	4.5	415
105	STATISTICAL AND SYSTEMATIC ERRORS IN THE MEASUREMENT OF WEAK-LENSING MINKOWSKI FUNCTIONALS: APPLICATION TO THE CANADA-FRANCE-HAWAII LENSING SURVEY. Astrophysical Journal, 2014, 786, 43.	4.5	51
106	Weighing the light gravitino mass with weak lensing surveys. Journal of High Energy Physics, 2014, 2014, 1.	4.7	7
107	Physical properties of UDF12 galaxies in cosmological simulations. Monthly Notices of the Royal Astronomical Society, 2014, 440, 731-745.	4.4	35
108	Light-curve modelling of superluminous supernova 2006gy: collision between supernova ejecta and a dense circumstellar medium. Monthly Notices of the Royal Astronomical Society, 2013, 428, 1020-1035.	4.4	140

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109	The nature of dark matter from the global high-redshift 21cm signal. Monthly Notices of the Royal Astronomical Society, 2013, 429, 1705-1716.	4.4	52
110	Structure of dark matter halos in warm dark matter models and in models with long-lived charged massive particles. Journal of Cosmology and Astroparticle Physics, 2013, 2013, 008-008.	5.4	37
111	Detectability of high-redshift superluminous supernovae with upcoming optical and near-infrared surveys II. Beyond $z=6$. Monthly Notices of the Royal Astronomical Society, 2013, 435, 2483-2493.	4.4	32
112	Constraints on warm dark matter models from high-redshift long gamma-ray bursts. Monthly Notices of the Royal Astronomical Society, 2013, 432, 3218-3227.	4.4	49
113	FORMATION OF PRIMORDIAL SUPERMASSIVE STARS BY RAPID MASS ACCRETION. Astrophysical Journal, 2013, 778, 178.	4.5	201
114	EFFECT OF MASKED REGIONS ON WEAK-LENSING STATISTICS. Astrophysical Journal, 2013, 774, 111.	4.5	13
115	Modelling colour-dependent galaxy clustering in cosmological simulations. Monthly Notices of the Royal Astronomical Society, 2013, 436, 2286-2300.	4.4	35
116	GROWTH OF DUST GRAINS IN A LOW-METALLICITY GAS AND ITS EFFECT ON THE CLOUD FRAGMENTATION. Astrophysical Journal Letters, 2013, 765, L3.	8.3	20
117	SIMULATIONS OF EARLY BARYONIC STRUCTURE FORMATION WITH STREAM VELOCITY. II. THE GAS FRACTION. Astrophysical Journal, 2013, 763, 27.	4.5	83
118	LOW-MASS STAR FORMATION TRIGGERED BY EARLY SUPERNOVA EXPLOSIONS. Astrophysical Journal, 2013, 762, 50.	4.5	37
119	RADIATIVE COOLING IMPLEMENTATIONS IN SIMULATIONS OF PRIMORDIAL STAR FORMATION. Astrophysical Journal, 2013, 763, 52.	4.5	30
120	Light Curve Modeling of Superluminous Supernovae. Proceedings of the International Astronomical Union, 2013, 9, 86-89.	0.0	0
121	DIRECT INTEGRATION OF THE COLLISIONLESS BOLTZMANN EQUATION IN SIX-DIMENSIONAL PHASE SPACE: SELF-GRAVITATING SYSTEMS. Astrophysical Journal, 2013, 762, 116.	4.5	45
122	Physics of primordial star formation. , 2012, , .		0
123	Statistical properties of dark matter mini-halos. , 2012, , .		0
124	Formation and evolution of primordial protostellar systems. AIP Conference Proceedings, 2012, , .	0.4	8
125	Radiative feedback from primordial protostars and final mass of the first stars. , 2012, , .		1
126	Radiative cooling implementations in simulations of primordial star formation. , 2012, , .		0

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127	Lyman alpha emitters in cosmological simulations: Lyman alpha escape fraction and statistical properties. , 2012, , .		0
128	Dark matter annihilation feedback: Effects upon collapse and fragmentation. , 2012, , .		0
129	SIMULATIONS OF EARLY BARYONIC STRUCTURE FORMATION WITH STREAM VELOCITY. I. HALO ABUNDANCE. Astrophysical Journal, 2012, 747, 128.	4.5	75
130	WEAKLY INTERACTING MASSIVE PARTICLE DARK MATTER AND FIRST STARS: SUPPRESSION OF FRAGMENTATION IN PRIMORDIAL STAR FORMATION. Astrophysical Journal, 2012, 761, 154.	4.5	30
131	ORIGIN OF MULTIPLE NUCLEI IN ULTRALUMINOUS INFRARED GALAXIES. Astrophysical Journal, 2012, 746, 26.	4.5	18
132	PROTOSTELLAR FEEDBACK AND FINAL MASS OF THE SECOND-GENERATION PRIMORDIAL STARS. Astrophysical Journal Letters, 2012, 760, L37.	8.3	56
133	PROBING PRIMORDIAL NON-GAUSSIANITY WITH WEAK-LENSING MINKOWSKI FUNCTIONALS. Astrophysical Journal, 2012, 760, 45.	4.5	13
134	Submillimetre galaxies in cosmological hydrodynamic simulations: source number counts and the spatial clustering. Monthly Notices of the Royal Astronomical Society, 2012, 427, 2866-2875.	4.4	37
135	MATTER DISTRIBUTION AROUND GALAXIES. Astrophysical Journal, 2012, 746, 38.	4.5	14
136	Distribution of dust around galaxies: an analytic model. Monthly Notices of the Royal Astronomical Society: Letters, 2012, 423, L117-L121.	3.3	9
137	Energy deposition by weakly interacting massive particles: a comprehensive study. Monthly Notices of the Royal Astronomical Society, 2012, 422, 420-433.	4.4	35
138	Detectability of high-redshift superluminous supernovae with upcoming optical and near-infrared surveys. Monthly Notices of the Royal Astronomical Society, 2012, 422, 2675-2684.	4.4	49
139	Formation and evolution of primordial protostellar systems. Monthly Notices of the Royal Astronomical Society, 2012, 424, 399-415.	4.4	271
140	The First Galaxies. Annual Review of Astronomy and Astrophysics, 2011, 49, 373-407.	24.3	361
141	Protostellar Feedback Halts the Growth of the First Stars in the Universe. Science, 2011, 334, 1250-1253.	12.6	315
142	EVOLUTION OF PRIMORDIAL STARS POWERED BY DARK MATTER ANNIHILATION UP TO THE MAIN-SEQUENCE STAGE. Astrophysical Journal, 2011, 736, 58.	4.5	13
143	Population III Gamma-Ray Burst. Proceedings of the International Astronomical Union, 2011, 7, 301-304.	0.0	1
144	NON-GAUSSIAN ERROR CONTRIBUTION TO LIKELIHOOD ANALYSIS OF THE MATTER POWER SPECTRUM. Astrophysical Journal, 2011, 726, 7.	4.5	43

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145	The pairwise velocity probability density function in models with local primordial non-Gaussianity. Monthly Notices of the Royal Astronomical Society, 2011, 414, 289-303.	4.4	8
146	The non-linear evolution of baryonic overdensities in the early universe: initial conditions of numerical simulations. Monthly Notices of the Royal Astronomical Society, 2011, , no-no.	4.4	17
147	Lyman $\hat{\pm}$ emitters in cosmological simulations - I. Lyman $\hat{\pm}$ escape fraction and statistical properties at $z=3.1$. Monthly Notices of the Royal Astronomical Society, 2011, 418, 2273-2282.	4.4	23
148	Structure Formation in the Early Universe. Advanced Science Letters, 2011, 4, 286-296.	0.2	0
149	Shock-induced star cluster formation in colliding galaxies. Proceedings of the International Astronomical Union, 2010, 6, 483-486.	0.0	2
150	Low-Metallicity Star Formation. , 2010, , .		0
151	Interaction-Powered Supernovae as Probes of the High-Redshift Universe. , 2010, , .		3
152	The First Stars: Formation of Binaries and Small Multiples. , 2010, , .		0
153	Star Formation in a Low-Metallicity Gas. , 2010, , .		0
154	Laboratory Simulations of Molecular Hydrogen Formation in the Early Universe: A Progress Report. , 2010, , .		0
155	LOW-METALLICITY STAR FORMATION: PRESTELLAR COLLAPSE AND PROTOSTELLAR ACCRETION IN THE SPHERICAL SYMMETRY. Astrophysical Journal, 2010, 722, 1793-1815.	4.5	88
156	The First Stars. , 2010, , .		0
157	Shape and position of the shadow in the $\hat{\gamma} = 2$ Tomimatsu-Sato spacetime. Classical and Quantum Gravity, 2010, 27, 205006.	4.0	141
158	Formation of Primordial Stars. , 2010, , .		0
159	Outflows from accreting super-spinars. Physical Review D, 2010, 81, .	4.7	25
160	Thick disk accretion in Kerr space-time with arbitrary spin parameters. Physical Review D, 2010, 82, .	4.7	12
161	Three-dimensional simulations of the accretion process in Kerr space-time with arbitrary value of the spin parameter. Physical Review D, 2010, 82, .	4.7	18
162	SIMULATIONS OF WIDE-FIELD WEAK LENSING SURVEYS. I. BASIC STATISTICS AND NON-GAUSSIAN EFFECTS. Astrophysical Journal, 2009, 701, 945-954.	4.5	170

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163	EVOLUTION OF VERY MASSIVE POPULATION III STARS WITH MASS ACCRETION FROM PRE-MAIN SEQUENCE TO COLLAPSE. <i>Astrophysical Journal</i> , 2009, 706, 1184-1193.	4.5	89
164	Early Black Hole formation by accretion of gas and dark matter. <i>Journal of Cosmology and Astroparticle Physics</i> , 2009, 2009, 024-024.	5.4	18
165	Toward First-Principle Simulations of Galaxy Formation: II. Shock-Induced Starburst at a Collision Interface during the First Encounter of Interacting Galaxies. <i>Publication of the Astronomical Society of Japan</i> , 2009, 61, 481-486.	2.5	98
166	Modeling Nonlinear Evolution of Baryon Acoustic Oscillations: Convergence Regime of N -body Simulations and Analytic Models. <i>Publication of the Astronomical Society of Japan</i> , 2009, 61, 321-332.	2.5	117
167	The 21-cm signature of early relic H&fii regions. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 395, 777-780.	4.4	6
168	The formation of the first stars and galaxies. <i>Nature</i> , 2009, 459, 49-54.	27.8	275
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170	Accretion process onto super-spinning objects. <i>Physical Review D</i> , 2009, 80, .	4.7	39
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