Takashi Okamoto

List of Publications by Year
in descending order

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28	988	623699	552766
papers	citations	14 h-index	26 g-index

28	28	28	1118
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Differences in star formation activity between tidally triggered and isolated bars: a case study of NGCâ€‰4303 and NGCâ€‰3627. Monthly Notices of the Royal Astronomical Society, 2022, 510, 3899-3916.	4.4	6
2	Massive core/star formation triggered by cloudâ€“cloud collision: Effect of magnetic field. Publication of the Astronomical Society of Japan, 2021, 73, S385-S404.	2.5	13
3	Testing the effect of resolution on gravitational fragmentation with Lagrangian hydrodynamic schemes. Monthly Notices of the Royal Astronomical Society, 2021, 504, 3986-3995.	4.4	4
4	A Phase-space View of Cold-gas Properties of Virgo Cluster Galaxies: Multiple Quenching Processes at Work?. Astrophysical Journal, 2021, 914, 145.	4.5	10
5	Semi-analytic modelling of AGNs: autocorrelation function and halo occupation. Monthly Notices of the Royal Astronomical Society, 2020, 497, 1-18.	4.4	10
6	Revisiting the SoÅ‚tan Argument Based on a Semianalytical Model for Galaxy and Black Hole Evolution. Astrophysical Journal, 2020, 898, 63.	4.5	1
7	Slowing down of cosmic growth of supermassive black holes: theoretical prediction of the Eddington ratio distribution. Monthly Notices of the Royal Astronomical Society, 2019, 487, 409-419.	4.4	10
8	The New Numerical Galaxy Catalogue (Î¼2GC): properties of active galactic nuclei and their host galaxies. Monthly Notices of the Royal Astronomical Society, 2019, 482, 4846-4873.	4.4	23
9	The effect of radiation pressure on spatial distribution of dust inside Hâ€‰ii regions. Monthly Notices of the Royal Astronomical Society, 2018, 474, 1935-1943.	4.4	13
10	Structure of dark matter haloes of Milky Way satellite galaxies in SIDM universes. Proceedings of the International Astronomical Union, 2018, 14, 498-501.	0.0	0
11	The impact of galactic disc environment on star-forming clouds. Monthly Notices of the Royal Astronomical Society, 2018, 475, 27-42.	4.4	13
12	The metal enrichment of passive galaxies in cosmological simulations of galaxy formation. Monthly Notices of the Royal Astronomical Society, 2017, 464, 4866-4874.	4.4	16
13	Radiation feedback in dusty clouds. Monthly Notices of the Royal Astronomical Society: Letters, 2017, 466, L123-L127.	3.3	9
14	Imprints of the super-Eddington accretion on the quasar clustering. Monthly Notices of the Royal Astronomical Society: Letters, 2017, 471, L21-L25.	3.3	5
15	Theoretical re-evaluations of the black hole massâ€“bulge mass relation â€“ I. Effect of seed black hole mass. Monthly Notices of the Royal Astronomical Society, 2016, 461, 4389-4394.	4.4	14
16	The New Numerical Galaxy Catalog (Î¼2GC): An updated semi-analytic model of galaxy and active galactic nucleus formation with large cosmological N-body simulations. Publication of the Astronomical Society of Japan, 2016, 68, .	2.5	34
17	Cosmic evolution of bars in simulations of galaxy formation. Publication of the Astronomical Society of Japan, 2015, 67, .	2.5	23
18	A new ray-tracing scheme for 3D diffuse radiation transfer on highly parallel architectures. Publication of the Astronomical Society of Japan, 2015, 67, .	2.5	14

#	Article	IF	Citations
19	Reproducing cosmic evolution of galaxy population from zÂ=Â4 to 0. Publication of the Astronomical Society of Japan, 2014, 66, .	2.5	32
20	The origin of pseudo-bulges in cosmological simulations of galaxy formation. Monthly Notices of the Royal Astronomical Society, 2013, 428, 718-728.	4.4	51
21	argot: accelerated radiative transfer on grids using oct-tree. Monthly Notices of the Royal Astronomical Society, 2012, 419, 2855-2866.	4.4	22
22	The properties of satellite galaxies in simulations of galaxy formation. Monthly Notices of the Royal Astronomical Society, 2010, 406, 208-222.	4.4	137
23	Toward First-Principle Simulations of Galaxy Formation: I. How Should We Choose Star-Formation Criteria in High-Resolution Simulations of Disk Galaxies?. Publication of the Astronomical Society of Japan, 2008, 60, 667-681.	2.5	131
24	Type Ia Supernovae in a Hierarchical Galaxy Formation Model: The Milky Way. Astrophysical Journal, 2006, 643, 863-880.	4.5	12
25	Effects of feedback on the morphology of galaxy discs. Monthly Notices of the Royal Astronomical Society, 2005, 363, 1299-1314.	4.4	182
26	Momentum transfer across shear flows in smoothed particle hydrodynamic simulations of galaxy formation. Monthly Notices of the Royal Astronomical Society, 2003, 345, 429-446.	4.4	64
27	Environmental Effects on Evolution of Cluster Galaxies in a Î›â€dominated Cold Dark Matter Universe. Astrophysical Journal, 2003, 587, 500-513.	4.5	55
28	The impact of radio feedback from active galactic nuclei in cosmological simulations: formation of disc galaxies. Monthly Notices of the Royal Astronomical Society, 0, 385, 161-180.	4.4	84