

Shigeki Inoue

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

985
citations

687363

13
h-index

580821

25
g-index

25
all docs

25
docs citations

25
times ranked

1522
citing authors

#	ARTICLE	IF	CITATIONS
1	Compaction and quenching of high-z galaxies in cosmological simulations: blue and red nuggets. Monthly Notices of the Royal Astronomical Society, 2015, 450, 2327-2353.	4.4	392
2	BULGE-FORMING GALAXIES WITH AN EXTENDED ROTATING DISK AT $z \sim 1.4$. Astrophysical Journal, 2017, 834, 135	4.4	99
3	Non-linear violent disc instability with high Toomre's Q in high-redshift clumpy disc galaxies. Monthly Notices of the Royal Astronomical Society, 2016, 456, 2052-2069.	4.4	77
4	Natures of a clump-origin bulge: a pseudo-bulge like but old metal-rich bulge. Monthly Notices of the Royal Astronomical Society, 2012, 422, 1902-1913.	4.4	55
5	Cores and revived cusps of dark matter haloes in disc galaxy formation through clump clusters. Monthly Notices of the Royal Astronomical Society, 2011, 418, 2527-2531.	4.4	50
6	The test for suppressed dynamical friction in a constant density core of dwarf galaxies. Monthly Notices of the Royal Astronomical Society, 2009, 397, 709-716.	4.4	43
7	ALMA 26 Arcmin ² Survey of GOODS-S at One Millimeter (ASAGAO): Average Morphology of High-z Dusty Star-forming Galaxies in an Exponential Disk ($n \approx 1$). Astrophysical Journal, 2018, 861, 7.	4.5	43
8	CAUGHT IN THE ACT: GAS AND STELLAR VELOCITY DISPERSIONS IN A FAST QUENCHING COMPACT STAR-FORMING GALAXY AT $z \sim 1.7$. Astrophysical Journal, 2016, 820, 120.	4.5	39
9	Corrective effect of many-body interactions in dynamical friction. Monthly Notices of the Royal Astronomical Society, 2011, 416, 1181-1190.	4.4	30
10	R-process enrichment in ultrafaint dwarf galaxies. Monthly Notices of the Royal Astronomical Society, 2020, 494, 120-128.	4.4	24
11	Spiral-arm instability: giant clump formation via fragmentation of a galactic spiral arm. Monthly Notices of the Royal Astronomical Society, 2018, 474, 3466-3487.	4.4	23
12	Properties of thick discs formed in clumpy galaxies. Monthly Notices of the Royal Astronomical Society, 2014, 441, 243-255.	4.4	19
13	Effects of mass models on dynamical mass estimate: the case of ultradiffuse galaxy NGC 1052-DF2. Monthly Notices of the Royal Astronomical Society: Letters, 2018, 481, L59-L63.	3.3	17
14	Clumpy galaxies in cosmological simulations: the effect of ISM model. Monthly Notices of the Royal Astronomical Society, 2019, 488, 4400-4412.	4.4	12
15	Spiral-arm instability â€” II. Magnetic destabilization. Monthly Notices of the Royal Astronomical Society, 2019, 485, 3024-3041.	4.4	12
16	Spiral-arm instability â€” III. Fragmentation of primordial protostellar discs. Monthly Notices of the Royal Astronomical Society: Letters, 2020, 491, L24-L28.	3.3	12
17	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
18	Instability analysis for spiral arms of local galaxies: M51, NGC 3627, and NGC 628. Monthly Notices of the Royal Astronomical Society, 2021, 506, 84-97.	4.4	7

#	ARTICLE	IF	CITATIONS
19	Kinematic imprint of clumpy disk formation on halo objects. <i>Astronomy and Astrophysics</i> , 2013, 550, A11.	5.1	5
20	Detecting Preheating in Protoclusters with Ly α Forest Tomography. <i>Astrophysical Journal</i> , 2022, 927, 53.	4.5	5
21	<i>r</i> -process enrichment of ultrafaint dwarf galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 505, 3755-3766.	4.4	4
22	Emergence of a stellar cusp by a dark matter cusp in a low-mass compact ultrafaint dwarf galaxy. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 467, 4491-4500.	4.4	3
23	Universal Dark Halo Scaling Relation for the Dwarf Spheroidal Satellites. <i>Astrophysical Journal</i> , 2017, 843, 97.	4.5	2
24	Fragmentation of ring galaxies and transformation to clumpy galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 507, 6140-6147.	4.4	2
25	Internal R-process Abundance Spread of M15 and a Single Stellar Population Model. <i>Astrophysical Journal Letters</i> , 2021, 921, L11.	8.3	2