Heikki Salo

List of Publications by Year
in descending order

41 papers	1,941 citations	430874 18 h-index	377865 34 g-index
44 all docs	44 docs citations	44 times ranked	1476 citing authors

#	Article	IF	Citations
1	The multifarious ionization sources and disturbed kinematics of extraplanar gas in five low-mass galaxies. Astronomy and Astrophysics, 2022, 659, A153.	5.1	8
2	An implementation of viscous pressure-force (â€˜soft-sphereâ€™) model in REBOUND for local ring simulations. Monthly Notices of the Royal Astronomical Society, 2022, 513, 4711-4728.	4.4	2
3	Signatures of quenching in dwarf galaxies in local galaxy clusters. Astronomy and Astrophysics, 2021, 647, A80.	5.1	12
4	The Fornax Deep Survey (FDS) with the VST. Astronomy and Astrophysics, 2021, 647, A100.	5.1	29
5	The Fornax Deep Survey (FDS) with VST. Astronomy and Astrophysics, 2020, 633, C2.	5.1	1
6	The Fornax Deep Survey (FDS) with VST. Astronomy and Astrophysics, 2019, 625, A143.	5.1	52
7	The kinematics of local thick discs do not support an accretion origin. Astronomy and Astrophysics, 2019, 623, A89.	5.1	15
8	Hydrodynamic Simulations of Moonlet-induced Propellers in Saturnâ€™s Rings: Application to BlÃ©riot. Astronomical Journal, 2019, 157, 6.	4.7	3
9	The Fornax Deep Survey with the VST. Astronomy and Astrophysics, 2018, 620, A165.	5.1	79
10	Boxy/Peanut/X-shaped Bulges: Steep Inner Rotation Curve Leads to Barlens Face-on Morphology. Astrophysical Journal, 2017, 835, 252.	4.5	28
11	Viscous Overstability in Saturnâ€™s Rings: Influence of Collective Self-gravity. Astrophysical Journal, 2017, 851, 125.	4.5	5
12	The Fornax Deep Survey with VST. Astronomy and Astrophysics, 2017, 608, A142.	5.1	110
13	The halo-to-stellar mass ratio in the S4G. Proceedings of the International Astronomical Union, 2016, 11, 281-281.	0.0	0
14	On the colors of barlenses and their link to B/P bulges. Proceedings of the International Astronomical Union, 2016, 11, 263-265.	0.0	0
15	The stellar mass distribution of S4G disk galaxies. Proceedings of the International Astronomical Union, 2016, 11, 260-262.	0.0	0
16	A WEAKLY NONLINEAR MODEL FOR THE DAMPING OF RESONANTLY FORCED DENSITY WAVES IN DENSE PLANETARY RINGS. Astrophysical Journal, 2016, 829, 75.	4.5	5
17	ON THE LINEAR DAMPING RELATION FOR DENSITY WAVES IN SATURNâ€™S RINGS. Astrophysical Journal, 2016, 824, 33.	4.5	4
18	DYNAMICS OF SELF-GRAVITY WAKES IN DENSE PLANETARY RINGS. I. PITCH ANGLE. Astrophysical Journal, 2015, 812, 151.	4.5	9

#	Article	IF	Citations
19	Vertical structures induced by embedded moonlets in Saturnâ€™s rings. Icarus, 2015, 252, 400-414.	2.5	32
20	Spitzer/Infrared Array Camera near-infrared features in the outer parts of S4G galaxies. Monthly Notices of the Royal Astronomical Society, 2014, 444, 3015-3039.	4.4	14
21	NIRSOS: Observations of early-type galaxy secular evolution spanning the Sa/S0/disky-E boundaries. Proceedings of the International Astronomical Union, 2012, 10, 331-331.	0.0	0
22	Dissecting early-type dwarf galaxies into their multiple components. Proceedings of the International Astronomical Union, 2012, 10, 364-364.	0.0	0
23	A unified picture of breaks and truncations in spiral galaxies from SDSS and S⁴G imaging. Monthly Notices of the Royal Astronomical Society, 2012, 427, 1102-1134.	4.4	53
24	Twisted Disks. Science, 2011, 332, 672-673.	12.6	0
25	N-body simulations of viscous instability of planetary rings. Icarus, 2010, 206, 390-409.	2.5	19
26	TheSpitzerSurvey of Stellar Structure in Galaxies. Publications of the Astronomical Society of the Pacific, 2010, 122, 1397-1414.	3.1	426
27	Dynamics of Saturn's Dense Rings. , 2009, , 413-458.		34
28	Self-Gravity Wake Structures in Saturn's A Ring Revealed byCassiniVIMS. Astronomical Journal, 2007, 133, 2624-2629.	4.7	92
29	A belt of moonlets in Saturnâ€™s A ring. Nature, 2007, 449, 1019-1021.	27.8	91
30	HST observations of azimuthal asymmetry in Saturn's rings. Icarus, 2007, 189, 493-522.	2.5	43
31	Multicomponent decompositions for a sample of S0 galaxies. Monthly Notices of the Royal Astronomical Society, 2005, 362, 1319-1347.	4.4	189
32	Gravitational accretion of particles in Saturn's rings. Icarus, 2004, 172, 328-348.	2.5	54
33	Photometric modeling of Saturn's rings. Icarus, 2003, 164, 428-460.	2.5	69
34	Weakly Nonlinear Model for Oscillatory Instability in Saturnâ€™s Dense Rings. Physical Review Letters, 2003, 90, 061102.	7.8	32
35	Viscous Overstability in Saturn's B Ring I. Direct Simulations and Measurement of Transport Coefficients. Icarus, 2001, 153, 295-315.	2.5	89
36	A Multiple Encounter Model of M51. Astrophysics and Space Science, 1999, 269/270, 663-664.	1.4	2

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37	Inner Structure of M51. Astrophysics and Space Science, 1999, 269/270, 589-592.	1.4	1
38	Simulations of Dense Planetary Rings. Icarus, 1995, 117, 287-312.	2.5	179
39	Generalized theory of impacts in particulate systems. Earth, Moon and Planets, 1993, 62, 47-84.	0.6	17
40	Numerical simulations of dense collisional systems. Icarus, 1992, 96, 85-106.	2.5	68
41	Numerical simulations of dense collisional systems. Icarus, 1991, 90, 254-270.	2.5	73