Raine Karjalainen

List of Publications by Year
in descending order

14	570	840776 11	1125743 13
papers	citations	h-index	g-index

14	14	14	964
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	GRAVITY-MODE PERIOD SPACINGS AS A SEISMIC DIAGNOSTIC FOR A SAMPLE OF Î³ DORADUS STARS FROM KEPLER SPACE PHOTOMETRY AND HIGH-RESOLUTION GROUND-BASED SPECTROSCOPY. Astrophysical Journal, Supplement Series, 2015, 218, 27.	7.7	115
2	Authenticating the Presence of a Relativistic Massive Black Hole Binary in OJ 287 Using Its General Relativity Centenary Flare: Improved Orbital Parameters. Astrophysical Journal, 2018, 866, 11.	4.5	82
3	Photometric modeling of Saturn's rings. Icarus, 2003, 164, 428-460.	2.5	69
4	Stochastic Modeling of Multiwavelength Variability of the Classical BL Lac Object OJ 287 on Timescales Ranging from Decades to Hours. Astrophysical Journal, 2018, 863, 175.	4.5	56
5	Gravitational accretion of particles in Saturn's rings. Icarus, 2004, 172, 328-348.	2.5	54
6	Detection of Ionized Calcium in the Atmosphere of the Ultra-hot Jupiter KELT-9b. Astrophysical Journal Letters, 2020, 888, L13.	8.3	52
7	GROUND-BASED TRANSIT OBSERVATIONS OF THE SUPER-EARTH 55 Cnc e. Astrophysical Journal Letters, 2014, 797, L21.	8.3	36
8	Aggregate impacts in Saturn's rings. Icarus, 2007, 189, 523-537.	2.5	29
9	Kepler-432 b: a massive warm Jupiter in a 52-day eccentric orbit transiting a giant star. Astronomy and Astrophysics, 2015, 573, L6.	5.1	22
10	A millisecond pulsar candidate in a 21-h orbit: 3FGL J0212.1+5320. Monthly Notices of the Royal Astronomical Society, 2017, 465, 4602-4610.	4.4	19
11	A Near-infrared Chemical Inventory of the Atmosphere of 55 Cancri e. Astronomical Journal, 2021, 161, 209.	4.7	13
12	Occultations from an Active Accretion Disk in a 72-day Detached Post-Algol System Detected by K2. Astrophysical Journal, 2018, 854, 109.	4.5	10
13	TOI-1670 b and c: An Inner Sub-Neptune with an Outer Warm Jupiter Unlikely to Have Originated from High-eccentricity Migration. Astronomical Journal, 2022, 163, 225.	4.7	8
14	Time resolved spectroscopy of dust and gas from extrasolar planetesimals orbiting WDÂ1145+017 â˜…. Monthly Notices of the Royal Astronomical Society, 0, , .	4.4	5