

# Nader Haghighipour

## List of Publications by Year in descending order

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Version: 2024-02-01

35  
papers

2,055  
citations

331670

21  
h-index

414414

32  
g-index

35  
all docs

35  
docs citations

35  
times ranked

1655  
citing authors

#	ARTICLE	IF	CITATIONS
1	Kepler-47: A Transiting Circumbinary Multiplanet System. <i>Science</i> , 2012, 337, 1511-1514.	12.6	312
2	THE NEPTUNE-SIZED CIRCUMBINARY PLANET KEPLER-38b. <i>Astrophysical Journal</i> , 2012, 758, 87.	4.5	213
3	A PLANETARY SYSTEM AROUND THE NEARBY M DWARF GJ 667C WITH AT LEAST ONE SUPER-EARTH IN ITS HABITABLE ZONE. <i>Astrophysical Journal Letters</i> , 2012, 751, L16.	8.3	139
4	A CATALOG OF KEPLER HABITABLE ZONE EXOPLANET CANDIDATES. <i>Astrophysical Journal</i> , 2016, 830, 1.	4.5	133
5	KEPLER 453 – THE 10th KEPLER TRANSITING CIRCUMBINARY PLANET. <i>Astrophysical Journal</i> , 2015, 809, 26.	4.5	130
6	Irregular Satellites of the Planets: Products of Capture in the Early Solar System. <i>Annual Review of Astronomy and Astrophysics</i> , 2007, 45, 261-295.	24.3	121
7	KEPLER-1647B: THE LARGEST AND LONGEST-PERIOD KEPLER TRANSITING CIRCUMBINARY PLANET. <i>Astrophysical Journal</i> , 2016, 827, 86.	4.5	101
8	CALCULATING THE HABITABLE ZONE OF BINARY STAR SYSTEMS. II. P-TYPE BINARIES. <i>Astrophysical Journal</i> , 2013, 777, 166.	4.5	97
9	Habitable Planet Formation in Binary Planetary Systems. <i>Astrophysical Journal</i> , 2007, 666, 436-446.	4.5	90
10	CALCULATING THE HABITABLE ZONE OF BINARY STAR SYSTEMS. I. S-TYPE BINARIES. <i>Astrophysical Journal</i> , 2013, 777, 165.	4.5	79
11	Modeling circumbinary planets: The case of Kepler-38. <i>Astronomy and Astrophysics</i> , 2014, 564, A72.	5.1	77
12	Discovery of a Third Transiting Planet in the Kepler-47 Circumbinary System. <i>Astronomical Journal</i> , 2019, 157, 174.	4.7	65
13	TOI-1338: TESS™ First Transiting Circumbinary Planet. <i>Astronomical Journal</i> , 2020, 159, 253.	4.7	58
14	CALCULATING THE HABITABLE ZONES OF MULTIPLE STAR SYSTEMS WITH A NEW INTERACTIVE WEB SITE. <i>Astrophysical Journal</i> , 2014, 782, 26.	4.5	51
15	PREDICTING A THIRD PLANET IN THE KEPLER-47 CIRCUMBINARY SYSTEM. <i>Astrophysical Journal</i> , 2015, 799, 88.	4.5	46
16	Detection of Earth-mass and super-Earth Trojan planets using transit timing variation method. <i>Celestial Mechanics and Dynamical Astronomy</i> , 2013, 117, 75-89.	1.4	45
17	Evolution of circumbinary planets around eccentric binaries: The case of Kepler-34. <i>Astronomy and Astrophysics</i> , 2015, 581, A20.	5.1	45
18	Formation of terrestrial planets in disks with different surface density profiles. <i>Celestial Mechanics and Dynamical Astronomy</i> , 2016, 124, 235-268.	1.4	42

#	ARTICLE	IF	CITATIONS
19	On the detection of (habitable) super-Earths around low-mass stars using Kepler and transit timing variation method. <i>Celestial Mechanics and Dynamical Astronomy</i> , 2011, 111, 267-284.	1.4	34
20	TIC 172900988: A Transiting Circumbinary Planet Detected in One Sector of TESS Data. <i>Astronomical Journal</i> , 2021, 162, 234.	4.7	30
21	Can GJ 876 host four planets in resonance?. <i>Celestial Mechanics and Dynamical Astronomy</i> , 2012, 113, 35-47.	1.4	29
22	Orbital Stability of Circumstellar Planets in Binary Systems. <i>Astronomical Journal</i> , 2020, 159, 80.	4.7	29
23	Super-Earths: a new class of planetary bodies. <i>Contemporary Physics</i> , 2011, 52, 403-438.	1.8	21
24	Detailed Calculations of the Efficiency of Planetesimal Accretion in the Core-accretion Model. <i>Astrophysical Journal</i> , 2020, 899, 45.	4.5	17
25	Exocomets from a Solar System Perspective. <i>Publications of the Astronomical Society of the Pacific</i> , 2020, 132, 101001.	3.1	16
26	An automated method to detect transiting circumbinary planets. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 490, 1313-1324.	4.4	15
27	Building Terrestrial Planets: Why Results of Perfect-merging Simulations Are Not Quantitatively Reliable Approximations to Accurate Modeling of Terrestrial Planet Formation. <i>Astrophysical Journal</i> , 2022, 926, 197.	4.5	5
28	Dynamics, Origin, and Activation of Main Belt Comets. <i>Proceedings of the International Astronomical Union</i> , 2009, 5, 207-214.	0.0	4
29	Multiple Transits during a Single Conjunction: Identifying Transiting Circumbinary Planetary Candidates from TESS. <i>Astronomical Journal</i> , 2020, 160, 174.	4.7	4
30	Effects of flux variation on the surface temperatures of Earth-analog circumbinary planets. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 499, 1506-1521.	4.4	3
31	On the Detection of Habitable Trojan Planets in the Kepler Circumbinary Systems. <i>Astronomical Journal</i> , 2021, 161, 223.	4.7	2
32	Protoplanet collisions: Statistical properties of ejecta. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 508, 6013-6022.	4.4	2
33	Aspects on the Dynamics and Detection of Additional Circumbinary Extrasolar Planets. <i>Proceedings of the International Astronomical Union</i> , 2012, 8, 133-139.	0.0	0
34	Dynamical Problems in Extrasolar Planetary Science. <i>Proceedings of the International Astronomical Union</i> , 2015, 11, 3-5.	0.0	0
35	Divisions Panel Discussion: Astronomy for Development. <i>Proceedings of the International Astronomical Union</i> , 2015, 11, 424-426.	0.0	0