

# M B N Kouwenhoven

## List of Publications by Year in descending order

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67  
papers

2,466  
citations

236912

25  
h-index

206102

48  
g-index

69  
all docs

69  
docs citations

69  
times ranked

2295  
citing authors

#	ARTICLE	IF	CITATIONS
1	A highly mutually inclined compact warm-Jupiter system KOI-984?. Monthly Notices of the Royal Astronomical Society, 2022, 512, 4604-4617.	4.4	3
2	3D Morphology of Open Clusters in the Solar Neighborhood with Gaia EDR 3. II. Hierarchical Star Formation Revealed by Spatial and Kinematic Substructures. Astrophysical Journal, 2022, 931, 156.	4.5	15
3	Can Thailand achieve COVID-19 herd immunity?. , 2022, 1, .		3
4	The challenges of the low birth rate in China. , 2022, 1, .		7
5	The Long-term Evolution of Main-sequence Binaries in DRAGON Simulations. Astrophysical Journal, Supplement Series, 2021, 253, 14.	7.7	4
6	3D Morphology of Open Clusters in the Solar Neighborhood with Gaia EDR 3: Its Relation to Cluster Dynamics. Astrophysical Journal, 2021, 912, 162.	4.5	35
7	The formation of binary star clusters in the Milky Way and Large Magellanic Cloud. Monthly Notices of the Royal Astronomical Society, 2021, 506, 4603-4620.	4.4	6
8	Disruption of Hierarchical Clustering in the Vela OB2 Complex and the Cluster Pair Collinder 135 and UBC 7 with Gaia EDR3: Evidence of Supernova Quenching. Astrophysical Journal, 2021, 923, 20.	4.5	10
9	Planetary systems in dense stellar environments. Journal of Physics: Conference Series, 2020, 1523, 012011.	0.4	1
10	On the survival of resonant and non-resonant planetary systems in star clusters. Monthly Notices of the Royal Astronomical Society, 2020, 497, 1807-1825.	4.4	20
11	Planetary systems in a star cluster II: intermediate-mass black holes and planetary systems. Monthly Notices of the Royal Astronomical Society, 2020, 497, 3623-3637.	4.4	2
12	Linking the formation and fate of exo-Kuiper belts within Solar system analogues. Monthly Notices of the Royal Astronomical Society, 2020, 493, 5062-5078.	4.4	12
13	Different Fates of Young Star Clusters after Gas Expulsion. Astrophysical Journal Letters, 2020, 900, L4.	8.3	29
14	On the survivability of planets in young massive clusters and its implication of planet orbital architectures in globular clusters. Monthly Notices of the Royal Astronomical Society, 2019, 489, 4311-4321.	4.4	56
15	Planetary systems in a star cluster I: the Solar system scenario. Monthly Notices of the Royal Astronomical Society, 2019, 489, 2280-2297.	4.4	25
16	The Formation of Binary Star Cluster in Our Galaxy from Fractal Stellar Distribution. Journal of Physics: Conference Series, 2019, 1231, 012028.	0.4	3
17	Substructure and halo population of Double Cluster $\kappa$ and $\rho$ Persei. Astronomy and Astrophysics, 2019, 624, A34.	5.1	24
18	Kepler-411: a four-planet system with an active host star. Astronomy and Astrophysics, 2019, 624, A15.	5.1	41

#	ARTICLE	IF	CITATIONS
19	Overview of IAU OAD Regional Offices and Language Centres. Proceedings of the International Astronomical Union, 2018, 14, 555-557.	0.0	0
20	Circumstellar disk fragmentation and the origin of massive planetary companions, brown dwarfs, and very low-mass stars. Proceedings of the International Astronomical Union, 2018, 14, 239-240.	0.0	1
21	Planetary Systems in Star Clusters: the dynamical evolution and survival. Proceedings of the International Astronomical Union, 2018, 14, 293-294.	0.0	1
22	Planetesimal Clearing and Size-dependent Asteroid Retention by Secular Resonance Sweeping during the Depletion of the Solar Nebula. Astrophysical Journal, 2017, 836, 207.	4.5	24
23	Stability of multiplanetary systems in star clusters. Monthly Notices of the Royal Astronomical Society, 2017, 470, 4337-4353.	4.4	58
24	The dynamical origin of multiple populations in intermediate-age clusters in the Magellanic Clouds. Monthly Notices of the Royal Astronomical Society, 2017, 472, 67-77.	4.4	20
25	Clearing Residual Planetesimals by Sweeping Secular Resonances in Transitional Disks: A Lone-planet Scenario for the Wide Gaps in Debris Disks around Vega and Fomalhaut. Astrophysical Journal, 2017, 849, 98.	4.5	39
26	THE LONG-TERM DYNAMICAL EVOLUTION OF DISK-FRAGMENTED MULTIPLE SYSTEMS IN THE SOLAR NEIGHBORHOOD. Astrophysical Journal, 2016, 831, 166.	4.5	11
27	The dragon simulations: globular cluster evolution with a million stars. Monthly Notices of the Royal Astronomical Society, 2016, 458, 1450-1465.	4.4	192
28	The dynamical fate of binary star clusters in the Galactic tidal field. Monthly Notices of the Royal Astronomical Society, 2016, 457, 1339-1351.	4.4	30
29	Close encounters involving free-floating planets in star clusters. Monthly Notices of the Royal Astronomical Society, 2015, 449, 3543-3558.	4.4	46
30	nbody6++gpu: ready for the gravitational million-body problem. Monthly Notices of the Royal Astronomical Society, 2015, 450, 4070-4080.	4.4	167
31	THE DYNAMICAL EVOLUTION OF LOW-MASS HYDROGEN-BURNING STARS, BROWN DWARFS, AND PLANETARY-MASS OBJECTS FORMED THROUGH DISK FRAGMENTATION. Astrophysical Journal, 2015, 805, 116.	4.5	22
32	BLOCK TIME STEP STORAGE SCHEME FOR ASTROPHYSICAL $N$ -BODY SIMULATIONS. Astrophysical Journal, Supplement Series, 2015, 219, 31.	7.7	16
33	The dynamical fate of planetary systems in young star clusters. Monthly Notices of the Royal Astronomical Society, 2015, 453, 2760-2771.	4.4	37
34	<i>SPITZER</i> MID-IR SPECTROSCOPY OF POWERFUL 2Jy AND 3CRR RADIO GALAXIES. II. AGN POWER INDICATORS AND UNIFICATION. Astrophysical Journal, 2014, 788, 98.	4.5	40
35	How does a low-mass cut-off in the stellar IMF affect the evolution of young star clusters?. Monthly Notices of the Royal Astronomical Society, 2014, 445, 2256-2267.	4.4	11
36	THE LINK BETWEEN EJECTED STARS, HARDENING AND ECCENTRICITY GROWTH OF SUPER MASSIVE BLACK HOLES IN GALACTIC NUCLEI. Astrophysical Journal, 2014, 780, 164.	4.5	32

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37	Resonant motions of supermassive black hole triples. Proceedings of the International Astronomical Union, 2014, 10, 101-104.	0.0	0
38	Planetary systems in star clusters. Proceedings of the International Astronomical Union, 2014, 10, 235-236.	0.0	1
39	Acceleration of hybrid MPI parallel NBODY6++ for large N-body globular cluster simulations. Proceedings of the International Astronomical Union, 2014, 10, 260-261.	0.0	0
40	The dynamical evolution of multiplanet systems in open clusters. Monthly Notices of the Royal Astronomical Society, 2013, 433, 867-877.	4.4	82
41	GRAVITATIONAL CONUNDRUM? DYNAMICAL MASS SEGREGATION VERSUS DISRUPTION OF BINARY STARS IN DENSE STELLAR SYSTEMS. Astrophysical Journal, 2013, 765, 4.	4.5	25
42	The Cumulative Effect of Stellar Encounters on Multi-Planet Systems in Star Clusters. Proceedings of the International Astronomical Union, 2012, 8, 171-173.	0.0	0
43	Developing Astronomy Research and Education in the Philippines. Proceedings of the International Astronomical Union, 2012, 10, 568-568.	0.0	1
44	ON THE ORIGIN OF PLANETS AT VERY WIDE ORBITS FROM THE RECAPTURE OF FREE FLOATING PLANETS. Astrophysical Journal, 2012, 750, 83.	4.5	98
45	<i>SPITZER</i> MID-IR SPECTROSCOPY OF POWERFUL 2 JY AND 3CRR RADIO GALAXIES. I. EVIDENCE AGAINST A STRONG STARBURST-AGN CONNECTION IN RADIO-LOUD AGN. Astrophysical Journal, 2012, 745, 172.	4.5	68
46	The helium abundance in the ejecta of U Scorpii. Monthly Notices of the Royal Astronomical Society, 2012, 419, 1465-1471.	4.4	12
47	The Helium Abundance in the Ejecta of U Scorpii. Proceedings of the International Astronomical Union, 2011, 7, 190-192.	0.0	0
48	SEQUENTIAL STAR FORMATION IN RCW 34: A SPECTROSCOPIC CENSUS OF THE STELLAR CONTENT OF HIGH-MASS STAR-FORMING REGIONS. Astrophysical Journal, 2010, 713, 883-899.	4.5	42
49	The formation of very wide binaries during the star cluster dissolution phase. Monthly Notices of the Royal Astronomical Society, 2010, , .	4.4	92
50	How do binaries affect the derived dynamical mass of a star cluster?. Astrophysics and Space Science, 2009, 324, 171-176.	1.4	5
51	Using the minimum spanning tree to trace mass segregation. Monthly Notices of the Royal Astronomical Society, 2009, 395, 1449-1454.	4.4	175
52	Do binaries in clusters form in the same way as in the field?. Monthly Notices of the Royal Astronomical Society, 2009, 397, 1577-1586.	4.4	85
53	What does a universal initial mass function imply about star formation?. Monthly Notices of the Royal Astronomical Society: Letters, 2009, 397, L36-L40.	3.3	17
54	DYNAMICAL MASS SEGREGATION ON A VERY SHORT TIMESCALE. Astrophysical Journal, 2009, 700, L99-L103.	4.5	199

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55	The origin of very wide binary systems. Proceedings of the International Astronomical Union, 2009, 5, 438-441.	0.0	0
56	What does the IMF really tell us about star formation?. Proceedings of the International Astronomical Union, 2009, 5, 368-369.	0.0	0
57	Exploring the consequences of pairing algorithms for binary stars. Astronomy and Astrophysics, 2009, 493, 979-1016.	5.1	70
58	Pairing mechanisms for binary stars. Astronomische Nachrichten, 2008, 329, 984-987.	1.2	6
59	What do dynamical cluster masses really tell us about dynamics?. Astronomische Nachrichten, 2008, 329, 972-975.	1.2	0
60	Open cluster stability and the effects of binary stars. Astronomy and Astrophysics, 2008, 492, 685-693.	5.1	15
61	The effect of binaries on the dynamical mass determination of star clusters. Astronomy and Astrophysics, 2008, 480, 103-114.	5.1	50
62	Binaries and the Dynamical Mass of Star Clusters. Proceedings of the International Astronomical Union, 2007, 3, 269-270.	0.0	0
63	A brown dwarf desert for intermediate mass stars in Scorpius OB2?. Astronomy and Astrophysics, 2007, 464, 581-599.	5.1	30
64	The primordial binary population. II.. Astronomy and Astrophysics, 2007, 474, 77-104.	5.1	200
65	Optical BV imaging and H I synthesis observations of the dwarf irregular Galaxy ESO 364-G029. Astronomy and Astrophysics, 2007, 470, 123-135.	5.1	4
66	The primordial binary population. Astronomy and Astrophysics, 2005, 430, 137-154.	5.1	144
67	The Primordial Binary Population in OB Associations. International Astronomical Union Colloquium, 2004, 191, 139-140.	0.1	1