

# Rebecca G Martin

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

72  
papers

1,623  
citations

26  
h-index

38  
g-index

74  
ext. papers

1,958  
ext. citations

5.3  
avg, IF

5.57  
L-index

#	Paper	IF	Citations
72	Eccentric Dust-ring Formation in Kozai-Lidov Gas Disks. <i>Astrophysical Journal Letters</i> , <b>2022</b> , 925, L1	7.9	1
71	Asteroids and Life: How Special Is the Solar System?. <i>Astrophysical Journal Letters</i> , <b>2022</b> , 926, L20	7.9	0
70	Circumbinary Disk Evolution in the Presence of an Outer Companion Star. <i>Astrophysical Journal Letters</i> , <b>2022</b> , 927, L26	7.9	2
69	Misalignment of Terrestrial Circumbinary Planets as an Indicator of Their Formation Mechanism. <i>Astrophysical Journal Letters</i> , <b>2022</b> , 927, L7	7.9	1
68	A Radial Limit on Polar Circumbinary Orbits from General Relativity. <i>Astrophysical Journal Letters</i> , <b>2022</b> , 929, L5	7.9	1
67	Nonperiodic Type I Be/X-Ray Binary Outbursts. <i>Astrophysical Journal Letters</i> , <b>2021</b> , 922, L37	7.9	2
66	Formation of Polar Terrestrial Circumbinary Planets. <i>Astrophysical Journal Letters</i> , <b>2021</b> , 920, L8	7.9	3
65	On the role of resonances in polluting white dwarfs by asteroids. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2021</b> , 504, 3375-3386	4.3	6
64	Primordial Giant Planet Obliquity Driven by a Circumplanetary Disk. <i>Astrophysical Journal Letters</i> , <b>2021</b> , 912, L16	7.9	2
63	How much water was delivered from the asteroid belt to the Earth after its formation?. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , <b>2021</b> , 506, L6-L10	4.3	3
62	Kozai-Lidov oscillations triggered by a tilt instability of detached circumplanetary discs. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2021</b> , 502, 4426-4434	4.3	3
61	Sustained Kozai-Lidov Oscillations in Misaligned Circumstellar Gas Disks. <i>Astrophysical Journal Letters</i> , <b>2021</b> , 907, L14	7.9	7
60	Terrestrial planet formation in a circumbinary disc around a coplanar binary. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2021</b> , 507, 3461-3472	4.3	5
59	GW Ori: circumtriple rings and planets. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2021</b> , 508, 3924-3937	4.3	2
58	Global 3D radiation hydrodynamic simulations of proto-Jupiter's convective envelope. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2021</b> , 508, 453-474	4.3	2
57	Eccentric Neutron Star Disk Driven Type II Outburst Pairs in Be/X-ray Binaries. <i>Astrophysical Journal Letters</i> , <b>2021</b> , 923, L18	7.9	0
56	Orbital dynamics of two circumbinary planets around misaligned eccentric binaries. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2021</b> , 510, 351-365	4.3	2

55	Formation of the polar debris disc around 99 Herculis. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 494, 487-499	4.3	12
54	Evolution of $\epsilon$ Centauri b protoplanetary disc. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 496, 2436-2447	4.3	2
53	GW Ori: Interactions between a Triple-star System and Its Circumtriple Disk in Action. <i>Astrophysical Journal Letters</i> , <b>2020</b> , 895, L18	7.9	13
52	A Fast-growing Tilt Instability of Detached Circumplanetary Disks. <i>Astrophysical Journal Letters</i> , <b>2020</b> , 898, L26	7.9	8
51	The evolution of a circumplanetary disc with a dead zone. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 500, 2822-2830	4.3	1
50	Multiplanet disc interactions in binary systems. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 491, 5351-5360	4.3	5
49	Polar planets around highly eccentric binaries are the most stable. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 494, 4645-4655	4.3	9
48	Asteroid belt survival through stellar evolution: dependence on the stellar mass. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , <b>2020</b> , 494, L17-L21	4.3	6
47	Alignment of a circumbinary disc around an eccentric binary with application to KH 5D. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 486, 2919-2932	4.3	20
46	Investigation of the asteroid-neutron star collision model for the repeating fast radio bursts. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 485, 1367-1376	4.3	15
45	Late Delivery of Nitrogen to the Earth. <i>Astronomical Journal</i> , <b>2019</b> , 157, 80	4.9	3
44	Generalized Warped Disk Equations. <i>Astrophysical Journal</i> , <b>2019</b> , 875, 5	4.7	17
43	Misaligned accretion disc formation via Kozai-Lidov oscillations. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 485, 315-325	4.3	25
42	Type I Outbursts in Low-eccentricity Be/X-Ray Binaries. <i>Astrophysical Journal Letters</i> , <b>2019</b> , 881, L32	7.9	3
41	Circumbinary Disk Inner Radius as a Diagnostic for Disk-Binary Misalignment. <i>Astrophysical Journal Letters</i> , <b>2019</b> , 880, L18	7.9	13
40	The frequency of Kozai-Lidov disc oscillation driven giant outbursts in Be/X-ray binaries. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 489, 1797-1804	4.3	8
39	Polar alignment of a protoplanetary disc around an eccentric binary III. Effect of disc mass. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 490, 1332-1349	4.3	10
38	Orbital dynamics of circumbinary planets. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 490, 5634-5646	4.3	15

37	Structure of protoplanetary discs with magnetically driven winds. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 475, 5059-5069	4-3	5
36	Linear analysis of the evolution of nearly polar low-mass circumbinary discs. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 473, 3733-3746	4-3	31
35	Asteroid impacts on terrestrial planets: the effects of super-Earths and the role of the $\beta$ resonance. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 473, 295-305	4-3	30
34	Circumbinary discs around merging stellar-mass black holes. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 480, 4732-4737	4-3	8
33	Warping a protoplanetary disc with a planet on an inclined orbit. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 481, 20-35	4-3	23
32	Polar alignment of a protoplanetary disc around an eccentric binary $\Pi$ . Effect of binary and disc parameters. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 479, 1297-1308	4-3	21
31	White dwarf pollution by asteroids from secular resonances. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 480, 57-67	4-3	41
30	Polar Alignment of a Protoplanetary Disk around an Eccentric Binary. <i>Astrophysical Journal Letters</i> , <b>2017</b> , 835, L28	7-9	45
29	Fragmentation of Kozai-Lidov Disks. <i>Astrophysical Journal Letters</i> , <b>2017</b> , 835, L29	7-9	31
28	WHY ARE PULSAR PLANETS RARE?. <i>Astrophysical Journal</i> , <b>2016</b> , 832, 122	4-7	39
27	THE EVOLUTION OF PLANET-DISK SYSTEMS THAT ARE MILDLY INCLINED TO THE ORBIT OF A BINARY COMPANION. <i>Astrophysical Journal</i> , <b>2016</b> , 817, 30	4-7	28
26	Planet-disc evolution and the formation of Kozai-Lidov planets. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2016</b> , 458, 4345-4353	4-3	79
25	ON THE FORMATION OF SUPER-EARTHS WITH IMPLICATIONS FOR THE SOLAR SYSTEM. <i>Astrophysical Journal</i> , <b>2016</b> , 822, 90	4-7	28
24	THE KOZAI-LIDOV MECHANISM IN HYDRODYNAMICAL DISKS. II. EFFECTS OF BINARY AND DISK PARAMETERS. <i>Astrophysical Journal</i> , <b>2015</b> , 807, 75	4-7	32
23	THE SOLAR SYSTEM AS AN EXOPLANETARY SYSTEM. <i>Astrophysical Journal</i> , <b>2015</b> , 810, 105	4-7	31
22	THE KOZAI-LIDOV MECHANISM IN HYDRODYNAMICAL DISKS. III. EFFECTS OF DISK MASS AND SELF-GRAVITY. <i>Astrophysical Journal</i> , <b>2015</b> , 813, 105	4-7	28
21	TIDAL TORQUES ON MISALIGNED DISKS IN BINARY SYSTEMS. <i>Astrophysical Journal</i> , <b>2015</b> , 800, 96	4-7	49
20	ON THE EVOLUTION OF THE CO SNOW LINE IN PROTOPLANETARY DISKS. <i>Astrophysical Journal Letters</i> , <b>2014</b> , 783, L28	7-9	25

19	THE KOZAI-LIDOV MECHANISM IN HYDRODYNAMICAL DISKS. <i>Astrophysical Journal Letters</i> , <b>2014</b> , 792, L33	7.9	95
18	The gravo-magneto disc instability with a viscous dead zone. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2014</b> , 437, 682-689	4.3	21
17	GIANT OUTBURSTS IN Be/X-RAY BINARIES. <i>Astrophysical Journal Letters</i> , <b>2014</b> , 790, L34	7.9	56
16	On the evolution of the snow line in protoplanetary discs II. Analytic approximations. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2013</b> , 434, 633-638	4.3	44
15	Dead zones in circumplanetary discs as formation sites for regular satellites. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2013</b> , 428, 2668-2673	4.3	13
14	Propagation of the gravo-magneto disc instability. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2013</b> , 432, 1616-1622	4.3	36
13	FORMATION OF CIRCUMBINARY PLANETS IN A DEAD ZONE. <i>Astrophysical Journal</i> , <b>2013</b> , 773, 74	4.7	37
12	On the evolution of the snow line in protoplanetary discs. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , <b>2012</b> , 425, L6-L9	4.3	104
11	Dead zones around young stellar objects: FU Orionis outbursts and transition discs. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2012</b> , 423, 2718-2725	4.3	55
10	Dead zones around young stellar objects: dependence on physical parameters. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2012</b> , 420, 3139-3146	4.3	52
9	Tidal truncation of circumplanetary discs. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2011</b> , 413, 1447-1461	4.3	86
8	Tidal warping and precession of Be star decretion discs. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2011</b> , 416, 2827-2839	4.3	39
7	Supernova kicks and misaligned microquasars. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2010</b> , 401, 1514-1520	4.3	16
6	Supernova kicks and misaligned Be star binaries. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2009</b> , 397, 1563-1576	4.3	27
5	The shape of an accretion disc in a misaligned black hole binary. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2009</b> , 400, 383-391	4.3	22
4	Alignment time-scale of the microquasar GRO J1655-0. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2008</b> , 387, 188-196	4.3	39
3	The warped disc of NGC 4258. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2008</b> , 387, 830-838	4.3	22
2	Misalignment of the microquasar V4641 Sgr (SAX J1819.3-525). <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , <b>2008</b> ,	4.3	8

- 1 Alignment and precession of a black hole with a warped accretion disc. *Monthly Notices of the Royal Astronomical Society*, **2007**, 381, 1617-1624 43 48