

Rebecca G Martin

List of Publications by Citations

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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 | On the evolution of the snow line in protoplanetary discs. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2012 , 425, L6-L9 | 4.3 | 104 |
| 71 | THE KOZAI-LIDOV MECHANISM IN HYDRODYNAMICAL DISKS. <i>Astrophysical Journal Letters</i> , 2014 , 792, L33 | 7.9 | 95 |
| 70 | Tidal truncation of circumplanetary discs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011 , 413, 1447-1461 | 4.3 | 86 |
| 69 | Planet-disc evolution and the formation of Kozai-Lidov planets. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016 , 458, 4345-4353 | 4.3 | 79 |
| 68 | GIANT OUTBURSTS IN Be/X-RAY BINARIES. <i>Astrophysical Journal Letters</i> , 2014 , 790, L34 | 7.9 | 56 |
| 67 | Dead zones around young stellar objects: FU Orionis outbursts and transition discs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012 , 423, 2718-2725 | 4.3 | 55 |
| 66 | Dead zones around young stellar objects: dependence on physical parameters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012 , 420, 3139-3146 | 4.3 | 52 |
| 65 | TIDAL TORQUES ON MISALIGNED DISKS IN BINARY SYSTEMS. <i>Astrophysical Journal</i> , 2015 , 800, 96 | 4.7 | 49 |
| 64 | Alignment and precession of a black hole with a warped accretion disc. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007 , 381, 1617-1624 | 4.3 | 48 |
| 63 | Polar Alignment of a Protoplanetary Disk around an Eccentric Binary. <i>Astrophysical Journal Letters</i> , 2017 , 835, L28 | 7.9 | 45 |
| 62 | On the evolution of the snow line in protoplanetary discs II. Analytic approximations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013 , 434, 633-638 | 4.3 | 44 |
| 61 | White dwarf pollution by asteroids from secular resonances. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 480, 57-67 | 4.3 | 41 |
| 60 | WHY ARE PULSAR PLANETS RARE?. <i>Astrophysical Journal</i> , 2016 , 832, 122 | 4.7 | 39 |
| 59 | Tidal warping and precession of Be star accretion discs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011 , 416, 2827-2839 | 4.3 | 39 |
| 58 | Alignment time-scale of the microquasar GRO J1655-00. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008 , 387, 188-196 | 4.3 | 39 |
| 57 | FORMATION OF CIRCUMBINARY PLANETS IN A DEAD ZONE. <i>Astrophysical Journal</i> , 2013 , 773, 74 | 4.7 | 37 |
| 56 | Propagation of the gravo-magneto disc instability. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013 , 432, 1616-1622 | 4.3 | 36 |

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| 55 | THE KOZAIꞀIDOV MECHANISM IN HYDRODYNAMICAL DISKS. II. EFFECTS OF BINARY AND DISK PARAMETERS. <i>Astrophysical Journal</i> , 2015 , 807, 75 | 4-7 | 32 |
| 54 | Fragmentation of KozaiꞀidov Disks. <i>Astrophysical Journal Letters</i> , 2017 , 835, L29 | 7-9 | 31 |
| 53 | Linear analysis of the evolution of nearly polar low-mass circumbinary discs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 473, 3733-3746 | 4-3 | 31 |
| 52 | THE SOLAR SYSTEM AS AN EXOPLANETARY SYSTEM. <i>Astrophysical Journal</i> , 2015 , 810, 105 | 4-7 | 31 |
| 51 | Asteroid impacts on terrestrial planets: the effects of super-Earths and the role of the Ꞁ resonance. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 473, 295-305 | 4-3 | 30 |
| 50 | THE EVOLUTION OF PLANETꞀISK SYSTEMS THAT ARE MILDLY INCLINED TO THE ORBIT OF A BINARY COMPANION. <i>Astrophysical Journal</i> , 2016 , 817, 30 | 4-7 | 28 |
| 49 | THE KOZAIꞀIDOV MECHANISM IN HYDRODYNAMICAL DISKS. III. EFFECTS OF DISK MASS AND SELF-GRAVITY. <i>Astrophysical Journal</i> , 2015 , 813, 105 | 4-7 | 28 |
| 48 | ON THE FORMATION OF SUPER-EARTHS WITH IMPLICATIONS FOR THE SOLAR SYSTEM. <i>Astrophysical Journal</i> , 2016 , 822, 90 | 4-7 | 28 |
| 47 | Supernova kicks and misaligned Be star binaries. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009 , 397, 1563-1576 | 4-3 | 27 |
| 46 | Misaligned accretion disc formation via KozaiꞀidov oscillations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 485, 315-325 | 4-3 | 25 |
| 45 | ON THE EVOLUTION OF THE CO SNOW LINE IN PROTOPLANETARY DISKS. <i>Astrophysical Journal Letters</i> , 2014 , 783, L28 | 7-9 | 25 |
| 44 | Warping a protoplanetary disc with a planet on an inclined orbit. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 481, 20-35 | 4-3 | 23 |
| 43 | The shape of an accretion disc in a misaligned black hole binary. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009 , 400, 383-391 | 4-3 | 22 |
| 42 | The warped disc of NGC 4258. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008 , 387, 830-838 | 4-3 | 22 |
| 41 | The gravo-magneto disc instability with a viscous dead zone. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014 , 437, 682-689 | 4-3 | 21 |
| 40 | Polar alignment of a protoplanetary disc around an eccentric binary Ꞁ. Effect of binary and disc parameters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 479, 1297-1308 | 4-3 | 21 |
| 39 | Alignment of a circumbinary disc around an eccentric binary with application to KHꞀ5D. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 486, 2919-2932 | 4-3 | 20 |
| 38 | Generalized Warped Disk Equations. <i>Astrophysical Journal</i> , 2019 , 875, 5 | 4-7 | 17 |

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| 37 | Supernova kicks and misaligned microquasars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010 , 401, 1514-1520 | 4-3 | 16 |
| 36 | Investigation of the asteroid-neutron star collision model for the repeating fast radio bursts. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 485, 1367-1376 | 4-3 | 15 |
| 35 | Orbital dynamics of circumbinary planets. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 490, 5634-5646 | 4-3 | 15 |
| 34 | Circumbinary Disk Inner Radius as a Diagnostic for Disk-Binary Misalignment. <i>Astrophysical Journal Letters</i> , 2019 , 880, L18 | 7-9 | 13 |
| 33 | Dead zones in circumplanetary discs as formation sites for regular satellites. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013 , 428, 2668-2673 | 4-3 | 13 |
| 32 | GW Ori: Interactions between a Triple-star System and Its Circumtriple Disk in Action. <i>Astrophysical Journal Letters</i> , 2020 , 895, L18 | 7-9 | 13 |
| 31 | Formation of the polar debris disc around 99 Herculis. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 494, 487-499 | 4-3 | 12 |
| 30 | Polar alignment of a protoplanetary disc around an eccentric binary III. Effect of disc mass. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 490, 1332-1349 | 4-3 | 10 |
| 29 | Polar planets around highly eccentric binaries are the most stable. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 494, 4645-4655 | 4-3 | 9 |
| 28 | Circumbinary discs around merging stellar-mass black holes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 480, 4732-4737 | 4-3 | 8 |
| 27 | The frequency of Kozai-Lidov disc oscillation driven giant outbursts in Be/X-ray binaries. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 489, 1797-1804 | 4-3 | 8 |
| 26 | Misalignment of the microquasar V4641 Sgr (SAX J1819.3-0525). <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2008 , | 4-3 | 8 |
| 25 | A Fast-growing Tilt Instability of Detached Circumplanetary Disks. <i>Astrophysical Journal Letters</i> , 2020 , 898, L26 | 7-9 | 8 |
| 24 | Sustained Kozai-Lidov Oscillations in Misaligned Circumstellar Gas Disks. <i>Astrophysical Journal Letters</i> , 2021 , 907, L14 | 7-9 | 7 |
| 23 | Asteroid belt survival through stellar evolution: dependence on the stellar mass. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2020 , 494, L17-L21 | 4-3 | 6 |
| 22 | On the role of resonances in polluting white dwarfs by asteroids. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 504, 3375-3386 | 4-3 | 6 |
| 21 | Structure of protoplanetary discs with magnetically driven winds. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 475, 5059-5069 | 4-3 | 5 |
| 20 | Multiplanet disc interactions in binary systems. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 491, 5351-5360 | 4-3 | 5 |

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| 19 | Terrestrial planet formation in a circumbinary disc around a coplanar binary. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 507, 3461-3472 | 4.3 | 5 |
| 18 | Late Delivery of Nitrogen to the Earth. <i>Astronomical Journal</i> , 2019 , 157, 80 | 4.9 | 3 |
| 17 | Type I Outbursts in Low-eccentricity Be/X-Ray Binaries. <i>Astrophysical Journal Letters</i> , 2019 , 881, L32 | 7.9 | 3 |
| 16 | Formation of Polar Terrestrial Circumbinary Planets. <i>Astrophysical Journal Letters</i> , 2021 , 920, L8 | 7.9 | 3 |
| 15 | 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> , 2021 , 506, L6-L10 | 4.3 | 3 |
| 14 | Kozai-Lidov oscillations triggered by a tilt instability of detached circumplanetary discs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 502, 4426-4434 | 4.3 | 3 |
| 13 | Evolution of ϵ Centauri b β protoplanetary disc. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 496, 2436-2447 | 4.3 | 2 |
| 12 | Nonperiodic Type I Be/X-Ray Binary Outbursts. <i>Astrophysical Journal Letters</i> , 2021 , 922, L37 | 7.9 | 2 |
| 11 | Primordial Giant Planet Obliquity Driven by a Circumplanetary Disk. <i>Astrophysical Journal Letters</i> , 2021 , 912, L16 | 7.9 | 2 |
| 10 | GW Ori: circumtriple rings and planets. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 508, 392-407 | 4.9 | 2 |
| 9 | Global 3D radiation hydrodynamic simulations of proto-Jupiter β convective envelope. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 508, 453-474 | 4.3 | 2 |
| 8 | Circumbinary Disk Evolution in the Presence of an Outer Companion Star. <i>Astrophysical Journal Letters</i> , 2022 , 927, L26 | 7.9 | 2 |
| 7 | Orbital dynamics of two circumbinary planets around misaligned eccentric binaries. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 510, 351-365 | 4.3 | 2 |
| 6 | Eccentric Dust-ring Formation in Kozai-Lidov Gas Disks. <i>Astrophysical Journal Letters</i> , 2022 , 925, L1 | 7.9 | 1 |
| 5 | The evolution of a circumplanetary disc with a dead zone. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 500, 2822-2830 | 4.3 | 1 |
| 4 | Misalignment of Terrestrial Circumbinary Planets as an Indicator of Their Formation Mechanism. <i>Astrophysical Journal Letters</i> , 2022 , 927, L7 | 7.9 | 1 |
| 3 | A Radial Limit on Polar Circumbinary Orbits from General Relativity. <i>Astrophysical Journal Letters</i> , 2022 , 929, L5 | 7.9 | 1 |
| 2 | Asteroids and Life: How Special Is the Solar System?. <i>Astrophysical Journal Letters</i> , 2022 , 926, L20 | 7.9 | 0 |

1 Eccentric Neutron Star Disk Driven Type II Outburst Pairs in Be/X-ray Binaries. *Astrophysical Journal Letters*, **2021**, 923, L18

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