

Evgeni Grishin

List of Publications by Year in descending order

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687363

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#	ARTICLE	IF	CITATIONS
1	Chaotic dynamics of wide triples induced by galactic tides: a novel channel for producing compact binaries, mergers, and collisions. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 512, 4993-5009.	4.4	20
2	Inflated Eccentric Migration of Evolving Gas Giants I – Accelerated Formation and Destruction of Hot and Warm Jupiters. <i>Astrophysical Journal</i> , 2022, 931, 10.	4.5	7
3	Inflated Eccentric Migration of Evolving Gas Giants II – Numerical Methodology and Basic Concepts. <i>Astrophysical Journal</i> , 2022, 931, 11.	4.5	3
4	Mergers prompted by dynamics in compact, multiple-star systems: a stellar-reduction case for the massive triple TIC 470710327. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2022, 515, L50-L55.	3.3	5
5	Supernova explosions in active galactic nuclear discs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 507, 156-174.	4.4	24
6	An empirical fit for viscoelastic simulations of tertiary tides. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 491, 264-271.	4.4	6
7	The wide-binary origin of the Pluto–Charon system. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 497, 5264-5270.	4.4	9
8	Gravitational waves from in-spirals of compact objects in binary common-envelope evolution. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 493, 4861-4867.	4.4	19
9	The aeolian-erosion barrier for the growth of metre-size objects in protoplanetary discs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 496, 4827-4835.	4.4	14
10	Axion resonances in binary pulsar systems. <i>Journal of Cosmology and Astroparticle Physics</i> , 2020, 2020, 061-061.	5.4	10
11	The wide-binary origin of (2014) MU69-like Kuiper belt contact binaries. <i>Nature</i> , 2020, 580, 463-466.	27.8	18
12	Erosion-driven Size Redistribution of Protoplanetary Disk Solids and the Onset of Streaming Instability and Pebble Accretion. <i>Astrophysical Journal Letters</i> , 2020, 898, L13.	8.3	5
13	Axion Oscillations in Binary Systems: Angle-action Surgery. <i>Astrophysical Journal</i> , 2020, 901, 85.	4.5	3
14	Black hole and neutron star mergers in galactic nuclei. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 488, 47-63.	4.4	130
15	Planet seeding through gas-assisted capture of interstellar objects. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 487, 3324-3332.	4.4	19
16	Embedding planetesimals into white dwarf discs from large distances. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 489, 168-175.	4.4	27
17	Chaotic quadruple secular evolution and the production of misaligned exomoons and Warm Jupiters in stellar multiples. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 474, 3547-3556.	4.4	50
18	Quasi-secular evolution of mildly hierarchical triple systems: analytics and applications for GW sources and hot Jupiters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 481, 4907-4923.	4.4	66

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19	On the Existence of Regular and Irregular Outer Moons Orbiting the Pluto–Charon System. <i>Astrophysical Journal</i> , 2017, 836, 27.	4.5	33
20	Generalized Hill-stability criteria for hierarchical three-body systems at arbitrary inclinations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 466, 276-285.	4.4	66
21	APPLICATION OF GAS DYNAMICAL FRICTION FOR PLANETESIMALS. II. EVOLUTION OF BINARY PLANETESIMALS. <i>Astrophysical Journal</i> , 2016, 820, 106.	4.5	35
22	APPLICATION OF GAS DYNAMICAL FRICTION FOR PLANETESIMALS. I. EVOLUTION OF SINGLE PLANETESIMALS. <i>Astrophysical Journal</i> , 2015, 811, 54.	4.5	34
23	Circularization of tidal debris around white dwarfs: implications for gas production and dust variability. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , .	4.4	26