

Evgeni Grishin

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

629
citations

687363

13
h-index

677142

22
g-index

26
all docs

26
docs citations

26
times ranked

658
citing authors

#	ARTICLE	IF	CITATIONS
1	Black hole and neutron star mergers in galactic nuclei. Monthly Notices of the Royal Astronomical Society, 2019, 488, 47-63.	4.4	130
2	Generalized Hill-stability criteria for hierarchical three-body systems at arbitrary inclinations. Monthly Notices of the Royal Astronomical Society, 2017, 466, 276-285.	4.4	66
3	Quasi-secular evolution of mildly hierarchical triple systems: analytics and applications for GW sources and hot Jupiters. Monthly Notices of the Royal Astronomical Society, 2018, 481, 4907-4923.	4.4	66
4	Chaotic quadruple secular evolution and the production of misaligned exomoons and Warm Jupiters in stellar multiples. Monthly Notices of the Royal Astronomical Society, 2018, 474, 3547-3556.	4.4	50
5	APPLICATION OF GAS DYNAMICAL FRICTION FOR PLANETESIMALS. II. EVOLUTION OF BINARY PLANETESIMALS. Astrophysical Journal, 2016, 820, 106.	4.5	35
6	APPLICATION OF GAS DYNAMICAL FRICTION FOR PLANETESIMALS. I. EVOLUTION OF SINGLE PLANETESIMALS. Astrophysical Journal, 2015, 811, 54.	4.5	34
7	On the Existence of Regular and Irregular Outer Moons Orbiting the Pluto-Charon System. Astrophysical Journal, 2017, 836, 27.	4.5	33
8	Embedding planetesimals into white dwarf discs from large distances. Monthly Notices of the Royal Astronomical Society, 2019, 489, 168-175.	4.4	27
9	Circularization of tidal debris around white dwarfs: implications for gas production and dust variability. Monthly Notices of the Royal Astronomical Society, 0, , .	4.4	26
10	Supernova explosions in active galactic nuclear discs. Monthly Notices of the Royal Astronomical Society, 2021, 507, 156-174.	4.4	24
11	Chaotic dynamics of wide triples induced by galactic tides: a novel channel for producing compact binaries, mergers, and collisions. Monthly Notices of the Royal Astronomical Society, 2022, 512, 4993-5009.	4.4	20
12	Planet seeding through gas-assisted capture of interstellar objects. Monthly Notices of the Royal Astronomical Society, 2019, 487, 3324-3332.	4.4	19
13	Gravitational waves from in-spirals of compact objects in binary common-envelope evolution. Monthly Notices of the Royal Astronomical Society, 2020, 493, 4861-4867.	4.4	19
14	The wide-binary origin of (2014) MU69-like Kuiper belt contact binaries. Nature, 2020, 580, 463-466.	27.8	18
15	The aeolian-erosion barrier for the growth of metre-size objects in protoplanetary discs. Monthly Notices of the Royal Astronomical Society, 2020, 496, 4827-4835.	4.4	14
16	Axion resonances in binary pulsar systems. Journal of Cosmology and Astroparticle Physics, 2020, 2020, 061-061.	5.4	10
17	The wide-binary origin of the Pluto-Charon system. Monthly Notices of the Royal Astronomical Society, 2020, 497, 5264-5270.	4.4	9
18	Inflated Eccentric Migration of Evolving Gas Giants I - Accelerated Formation and Destruction of Hot and Warm Jupiters. Astrophysical Journal, 2022, 931, 10.	4.5	7

#	ARTICLE	IF	CITATIONS
19	An empirical fit for viscoelastic simulations of tertiary tides. Monthly Notices of the Royal Astronomical Society, 2020, 491, 264-271.	4.4	6
20	Erosion-driven Size Redistribution of Protoplanetary Disk Solids and the Onset of Streaming Instability and Pebble Accretion. Astrophysical Journal Letters, 2020, 898, L13.	8.3	5
21	Mergers prompted by dynamics in compact, multiple-star systems: a stellar-reduction case for the massive triple TIC 470710327. Monthly Notices of the Royal Astronomical Society: Letters, 2022, 515, L50-L55.	3.3	5
22	Axion Oscillations in Binary Systems: Angle-action Surgery. Astrophysical Journal, 2020, 901, 85.	4.5	3
23	Inflated Eccentric Migration of Evolving Gas Giants II “ Numerical Methodology and Basic Concepts. Astrophysical Journal, 2022, 931, 11.	4.5	3