

Peter Tinyakov

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

946
citations

687363

13
h-index

940533

16
g-index

16
all docs

16
docs citations

16
times ranked

587
citing authors

#	ARTICLE	IF	CITATIONS
1	Can neutron stars constrain dark matter?. Physical Review D, 2010, 82, .	4.7	170
2	Constraints on primordial black holes as dark matter candidates from capture by neutron stars. Physical Review D, 2013, 87, .	4.7	169
3	Constraining asymmetric dark matter through observations of compact stars. Physical Review D, 2011, 83, .	4.7	148
4	Excluding Light Asymmetric Bosonic Dark Matter. Physical Review Letters, 2011, 107, 091301.	7.8	129
5	Constraints on primordial black holes as dark matter candidates from star formation. Physical Review D, 2013, 87, .	4.7	62
6	NonPrimordial Solar Mass Black Holes. Physical Review Letters, 2018, 121, 221102.	7.8	46
7	Growth of black holes in the interior of rotating neutron stars. Physical Review D, 2014, 90, .	4.7	41
8	Adiabatic contraction revisited: Implications for primordial black holes. Physical Review D, 2014, 90, .	4.7	32
9	Revisiting primordial black hole capture into neutron stars. Physical Review D, 2020, 102, .	4.7	27
10	Tidal capture of primordial black holes by neutron stars. Physical Review D, 2014, 90, .	4.7	26
11	(Not)-constraining heavy asymmetric bosonic dark matter. Physical Review D, 2013, 87, .	4.7	24
12	The Cosmic-Ray Composition between 2 PeV and 2 EeV Observed with the TALE Detector in Monocular Mode. Astrophysical Journal, 2021, 909, 178.	4.5	21
13	Enhancement of Dark Matter Capture by Neutron Stars in Binary Systems. Physical Review Letters, 2012, 109, 061301.	7.8	16
14	Constraints on dark matter from the Moon. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 804, 135403.	4.1	13
15	Astroparticle Physics with Compact Objects. Universe, 2021, 7, 401.	2.5	12
16	Solar mass black holes from neutron stars and bosonic dark matter. Physical Review D, 2022, 105, .	4.7	10