Kalin V Staykov

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6820217/publications.pdf

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20	582	687363 13	839539 18
papers	citations	h-index	g-index

20	20	20	325
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Scalarized non-topological neutron stars in multi-scalar Gaussâ€“Bonnet gravity. European Physical Journal C, 2022, 82, 1.	3.9	2
2	Axial perturbations of hairy Gauss-Bonnet black holes with a massive self-interacting scalar field. Physical Review D, 2022, 105, .	4.7	2
3	Multiscalar Gauss-Bonnet gravity: Hairy black holes and scalarization. Physical Review D, 2020, 102, .	4.7	17
4	Orbital and epicyclic frequencies in massive scalar-tensor theory with self-interaction. Astrophysics and Space Science, 2019, 364, 1.	1.4	6
5	Gauss-Bonnet black holes with a massive scalar field. Physical Review D, 2019, 99, .	4.7	56
6	Moment of inertiaâ€“mass universal relations for neutron stars in scalar-tensor theory with self-interacting massive scalar field. European Physical Journal C, 2019, 79, 1.	3.9	15
7	Quasinormal modes of compact objects in alternative theories of gravity. European Physical Journal Plus, 2019, 134, 1.	2.6	31
8	Compact stars in massive scalar-tensor theory with extended dilaton potential. AIP Conference Proceedings, 2019, , .	0.4	0
9	Thermodynamic stability of the stationary Lifshitz black hole of new massive gravity. European Physical Journal C, 2019, 79, 1.	3.9	4
10	Axial quasinormal modes of neutron stars in R2 gravity. Physical Review D, 2018, 98, .	4.7	19
11	Static and slowly rotating neutron stars in scalarâ€“tensor theory with self-interacting massive scalar field. European Physical Journal C, 2018, 78, 586.	3.9	44
12	Neutron and strange stars in R-squared gravity. , 2017, , .		0
13	Moment of inertia of neutron star crust in alternative and modified theories of gravity. Physical Review D, 2016, 94, .	4.7	9
14	Accretion disks around neutron and strange stars inR+aR²gravity. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 061-061.	5.4	13
15	Moment-of-inertiaâ€“compactness universal relations in scalar-tensor theories and<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msup><mml:mrow><mml:mi mathvariant="script">R</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn></mml:mrow></mml:msup></mml:mrow></mml:m Physical Review D, 2016, 93, .	4.7	23
16	Gravitational wave asteroseismology of neutron and strange stars in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mi>R</mml:mi><mml:mn>2</mml:mn></mml:msup></mml:math>gravity. Physical Review D, 2015, 92, .	4.7	38
17	Orbital and epicyclic frequencies around neutron and strange stars in $$R^2$$ R 2 gravity. European Physical Journal C, 2015, 75, 1.	3.9	28
18	Universal I-Q relations for rapidly rotating neutron and strange stars in scalar-tensor theories. Physical Review D, 2014, 90, .	4.7	50

#	Article	IF	Citations
19	Slowly rotating neutron and strange stars inR²gravity. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 006-006.	5.4	109
20	Non-perturbative and self-consistent models of neutron stars inR-squared gravity. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 003-003.	5.4	116