Djavlanbek Rayimbaev

List of Publications by Year
in descending order

42	863	394421	501196
papers	citations	19	28
		h-index	g-index

42	42	42	105
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Dynamics of magnetized particles around 4-D Einstein Gauss–Bonnet black hole. Physics of the Dark Universe, 2020, 30, 100715.	4.9	49
2	Dynamics of test particles around a Bardeen black hole surrounded by perfect fluid dark matter. Physical Review D, 2020, 102, .	4.7	47
3	Magnetized particle motion around non-Schwarzschild black hole immersed in an external uniform magnetic field. Astrophysics and Space Science, 2016, 361, 1.	1.4	42
4	Weak gravitational lensing Schwarzschild-MOG black hole in plasma. European Physical Journal C, 2021, 81, 1.	3.9	41
5	Test particle motion around a black hole in Einstein-Maxwell-scalar theory. Physical Review D, 2020, 102, .	4.7	39
6	Can the dynamics of test particles around charged stringy black holes mimic the spin of Kerr black holes?. Physical Review D, 2020, 102, .	4.7	37
7	Dynamics and epicyclic motions of particles around the Schwarzschild–de Sitter black hole in perfect fluid dark matter. European Physical Journal C, 2021, 81, 1.	3.9	37
8	Test particles dynamics around deformed Reissner-Nordström black hole. Physical Review D, 2020, 102, .	4.7	36
9	Distinguishing magnetically and electrically charged Reissner–Nordström black holes by magnetized particle motion. European Physical Journal C, 2021, 81, 1.	3.9	34
10	Magnetized particle motion around magnetized Schwarzschild-MOG black hole. European Physical Journal C, 2020, 80, 1.	3.9	34
11	Dynamics of test particles around renormalization group improved Schwarzschild black holes. Physical Review D, 2020, 102, .	4.7	33
12	Test particle orbits around regular black holes in general relativity combined with nonlinear electrodynamics. Physical Review D, 2020, 101, .	4.7	33
13	Charged and magnetized particles motion in the field of generic singular black holes governed by general relativity coupled to nonlinear electrodynamics. Physical Review D, 2020, 101, .	4.7	32
14	Particle acceleration and electromagnetic field of deformed neutron stars. Modern Physics Letters A, 2020, 35, 2050056.	1.2	32
15	Braneworld effects in plasma magnetosphere of a slowly rotating magnetized neutron star. International Journal of Modern Physics D, 2019, 28, 1950128.	2.1	29
16	Plasma magnetosphere of deformed magnetized neutron star. Astrophysics and Space Science, 2015, 356, 301-308.	1.4	26
17	Magnetized Particle Motion around Black Holes in Conformal Gravity: Can Magnetic Interaction Mimic Spin of Black Holes?. Universe, 2020, 6, 44.	2.5	26
18	Quasiperiodic oscillations, quasinormal modes and shadows of Bardeen–Kiselev Black Holes. Physics of the Dark Universe, 2022, 35, 100930.	4.9	23

#	ARTICLE	IF	CITATIONS
19	Can modified gravity silence radio-loud pulsars?. Physical Review D, 2020, 102, .	4.7	22
20	Regular nonminimal magnetic black hole as a source of quasiperiodic oscillations. Physical Review D, 2021, 103, .	4.7	21
21	Magnetized Particle Motion in Î³-Spacetime in a Magnetic Field. Galaxies, 2020, 8, 76.	3.0	19
22	Charged particle motion around non-singular black holes in conformal gravity in the presence of external magnetic field. European Physical Journal C, 2020, 80, 1.	3.9	19
23	Dynamics of charged particles and magnetic dipoles around magnetized quasi-Schwarzschild black holes. European Physical Journal C, 2021, 81, 1.	3.9	18
24	Dynamics of magnetized particles around Einstein-Ã†ther black hole with uniform magnetic field. Nuclear Physics B, 2021, 966, 115364.	2.5	18
25	Regular Bardeen Black Holes in Anti-de Sitter Spacetime versus Kerr Black Holes through Particle Dynamics. Galaxies, 2021, 9, 63.	3.0	18
26	Dynamics of Test Particles and Twin Peaks QPOs around Regular Black Holes in Modified Gravity. Galaxies, 2021, 9, 75.	3.0	18
27	Dynamics of Magnetized and Magnetically Charged Particles around Regular Nonminimal Magnetic Black Holes. Galaxies, 2021, 9, 71.	3.0	14
28	Spinning test particle motion around a rotating wormhole. Physical Review D, 2022, 106, .	4.7	10
29	Quasiperiodic oscillations from noncommutative inspired black holes. Classical and Quantum Gravity, 2022, 39, 075021.	4.0	9
30	Geodesics and shadow formed by a rotating Gaussâ€"Bonnet black hole in AdS spacetime. International Journal of Modern Physics D, 2022, 31, .	2.1	9
31	General relativistic effects in neutron star electrodynamics. Physical Review D, 2021, 103, .	4.7	7
32	Dynamics and collisions of magnetized particles around charged black holes in Einsteinâ€"Maxwell-scalar theory. European Physical Journal C, 2022, 82, .	3.9	6
33	Dynamics of charged and magnetized particles around cylindrical black holes immersed in external magnetic field. International Journal of Modern Physics D, 2021, 30, 2150019.	2.1	5
34	Quasi-periodic oscillation around regular Bardeen black holes in 4D Einsteinâ€"Gaussâ€"Bonnet gravity. International Journal of Modern Physics D, 2022, 31, .	2.1	5
35	Constraints on charged black hole parameters using quasiperiodic oscillations data. International Journal of Modern Physics D, 2022, 31, .	2.1	4
36	Radio loudness and spindown of pulsars in Einstein-aether gravity. Physics of the Dark Universe, 2021, 34, 100901.	4.9	3

#	Article	IF	Citations
37	Dynamics of test particles around magnetically charged regular black holes. International Journal of Modern Physics D, 2022, 31, .	2.1	3
38	Shadow and massless particles around regular Bardeen black holes in 4D Einstein Gauss–Bonnet gravity. International Journal of Modern Physics D, 2022, 31, .	2.1	2
39	Circular motion around a regular rotating Hayward black hole. Modern Physics Letters A, 2022, 37, .	1.2	2
40	Distinguishing regular and singular black holes in modified gravity. Arabian Journal of Mathematics, 0, , 1.	0.9	1
41	Quintessential effects on quasiperiodic oscillations in 4D Einstein–Gauss–Bonnet gravity. Arabian Journal of Mathematics, 0, , .	0.9	0
42	Constraining spacetime deformation based on astrophysical observations from radio pulsars. Arabian Journal of Mathematics, 2022, 11, 133-139.	0.9	0