

Farruh Atamurotov

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

1,667
citations

331670

21
h-index

434195

31
g-index

31
all docs

31
docs citations

31
times ranked

377
citing authors

#	ARTICLE	IF	CITATIONS
1	Shadow of rotating non-Kerr black hole. <i>Physical Review D</i> , 2013, 88, .	4.7	215
2	Shadow of Kerr-Taub-NUT black hole. <i>Astrophysics and Space Science</i> , 2013, 344, 429-435.	1.4	167
3	Shadow of five-dimensional rotating Myers-Perry black hole. <i>Physical Review D</i> , 2014, 90, .	4.7	156
4	Optical properties of black holes in the presence of a plasma: The shadow. <i>Physical Review D</i> , 2015, 92, .	4.7	153
5	Shadow of rotating Hořava-Lifshitz black hole. <i>Astrophysics and Space Science</i> , 2013, 348, 179-188.	1.4	91
6	Energetics and optical properties of 6-dimensional rotating black hole in pure Gauss-Bonnet gravity. <i>European Physical Journal C</i> , 2015, 75, 1.	3.9	89
7	Optical properties of a braneworld black hole: Gravitational lensing and retrolensing. <i>Physical Review D</i> , 2017, 96, .	4.7	75
8	Horizon structure of rotating Einstein-Born-Infeld black holes and shadow. <i>European Physical Journal C</i> , 2016, 76, 1.	3.9	68
9	Optical properties of Kerr-Newman spacetime in the presence of plasma. <i>European Physical Journal C</i> , 2020, 80, 1.	3.9	65
10	Dynamics of magnetized particles around 4-D Einstein Gauss-Bonnet black hole. <i>Physics of the Dark Universe</i> , 2020, 30, 100715.	4.9	49
11	Axion-plasmon or magnetized plasma effect on an observable shadow and gravitational lensing of a Schwarzschild black hole. <i>Physical Review D</i> , 2021, 104, .	4.7	45
12	Gravitational lensing by a non-Schwarzschild black hole in a plasma. <i>Astrophysics and Space Science</i> , 2016, 361, 1.	1.4	43
13	Charged black hole in 4D Einstein-Gauss-Bonnet gravity: particle motion, plasma effect on weak gravitational lensing and centre-of-mass energy. <i>Journal of Cosmology and Astroparticle Physics</i> , 2021, 2021, 045.	5.4	43
14	Shadow and deflection angle of charged rotating black hole surrounded by perfect fluid dark matter. <i>Classical and Quantum Gravity</i> , 2022, 39, 025014.	4.0	42
15	Weak gravitational lensing Schwarzschild-MOG black hole in plasma. <i>European Physical Journal C</i> , 2021, 81, 1.	3.9	41
16	Particle acceleration around rotating Einstein-Born-Infeld black hole and plasma effect on gravitational lensing. <i>Physical Review D</i> , 2021, 103, .	4.7	41
17	Effect of plasma on gravitational lensing by a Schwarzschild black hole immersed in perfect fluid dark matter. <i>Physical Review D</i> , 2021, 104, .	4.7	38
18	Gravitational lensing in 4-D Einstein-Gauss-Bonnet gravity in the presence of plasma. <i>Physics of the Dark Universe</i> , 2021, 32, 100798.	4.9	37

#	ARTICLE	IF	CITATIONS
19	Rotating charged black hole in $D=4$ Einstein-Gauss-Bonnet gravity: Photon motion and its shadow. Physics of the Dark Universe, 2022, 35, 100016.	4.9	37
20	Isofrequency pairing of circular orbits in Schwarzschild spacetime in the presence of magnetic field. Astrophysics and Space Science, 2014, 350, 413-419.	1.4	29
21	Formation of black holes through BSW effect and black hole-black hole collisions. Astrophysics and Space Science, 2013, 347, 277-281.	1.4	26
22	Particle Motion and Plasma Effects on Gravitational Weak Lensing in Lorentzian Wormhole Spacetime. Galaxies, 2021, 9, 54.	3.0	21
23	Magnetized Particle Motion in \hat{I}^3 -Spacetime in a Magnetic Field. Galaxies, 2020, 8, 76.	3.0	19
24	Gravitational weak lensing by black hole in Horndeski gravity in presence of plasma. European Physical Journal Plus, 2022, 137, 1.	2.6	19
25	Geodesic Circular Orbits Sharing the Same Orbital Frequencies in the Black String Spacetime. Galaxies, 2021, 9, 40.	3.0	16
26	Gravitational weak lensing by a naked singularity in plasma. European Physical Journal Plus, 2022, 137, .	2.6	15
27	Testing the Einstein-Äther gravity: particle dynamics and gravitational lensing. European Physical Journal Plus, 2022, 137, .	2.6	12
28	Gravitational weak lensing of Schwarzschild-like black hole in presence of plasma. European Physical Journal Plus, 2022, 137, 1.	2.6	11
29	Observing shadow of the Schwarzschild black hole in presence of a plasma. Proceedings of the International Astronomical Union, 2016, 12, 351-352.	0.0	2
30	Shadow of a Kerr-like black hole. Proceedings of the International Astronomical Union, 2014, 10, 135-136.	0.0	1