

Ken-ichi Nakao

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4997544/publications.pdf>

Version: 2024-02-01

26
papers

382
citations

933447

10
h-index

752698

20
g-index

26
all docs

26
docs citations

26
times ranked

429
citing authors

#	ARTICLE	IF	CITATIONS
1	Robustness of particle creation in the formation of a compact object. Progress of Theoretical and Experimental Physics, 2022, 2022, .	6.6	2
2	Do black hole shadows merge?. Physical Review D, 2020, 102, .	4.7	5
3	How does a collapsing star look?. Physical Review D, 2019, 100, .	4.7	14
4	Constant-mean-curvature slicing of the Swiss-cheese universe. General Relativity and Gravitation, 2019, 51, 1.	2.0	0
5	Gravastar formation: What can be the evidence of a black hole?. Physical Review D, 2019, 99, .	4.7	17
6	Infinite efficiency of the collisional Penrose process: Can a overspinning Kerr geometry be the source of ultrahigh-energy cosmic rays and neutrinos?. Physical Review D, 2016, 93, .	4.7	24
7	Systematic error due to isotropic inhomogeneities. Physical Review D, 2015, 92, .	4.7	3
8	EVOLUTION OF DENSITY PERTURBATIONS IN LARGE VOID UNIVERSE. , 2015, , .		0
9	BLACK HOLE UNIVERSE. , 2015, , .		0
10	How small can an over-spinning body be in general relativity?. Physical Review D, 2014, 90, .	4.7	5
11	Comparison of two approximation schemes for solving perturbations in a Lemaître-Tolman-Bondi cosmological model. Physical Review D, 2014, 90, .	4.7	3
12	Two-point correlation function of density perturbations in a large void universe. Physical Review D, 2013, 88, .	4.7	3
13	Ultrahigh energy collision with neither black hole nor naked singularity. Physical Review D, 2013, 87, .	4.7	15
14	Acceleration of particles and shells by Reissner-Nordström naked singularities. Physical Review D, 2012, 86, .	4.7	42
15	Black hole universe: Construction and analysis of initial data. Physical Review D, 2012, 86, .	4.7	41
16	Evolution of density perturbations in a large void universe. Physical Review D, 2012, 85, .	4.7	15
17	EINSTEIN'S "ROSEN WAVES AND THE SELF-SIMILARITY HYPOTHESIS IN CYLINDRICAL SYMMETRY. , 2012, , .		0
18	Is super-Planckian physics visible? Scattering of black holes in 5 dimensions. Physical Review D, 2011, 83, .	4.7	42

#	ARTICLE	IF	CITATIONS
19	Redshift drift in Lemaître-Tolman-Bondi void universes. <i>Physical Review D</i> , 2011, 83, .	4.7	45
20	Acceleration of colliding shells around a black hole: Validity of the test particle approximation in the Banados-Silk-West process. <i>Physical Review D</i> , 2011, 83, .	4.7	79
21	Accelerated cosmic expansion in a scalar-field universe. <i>Physical Review D</i> , 2010, 81, .	4.7	8
22	Maximal slicing of D -dimensional spherically symmetric vacuum spacetime. <i>Physical Review D</i> , 2009, 80, .	4.7	5
23	New instability in relativistic cylindrically symmetric system. <i>Physical Review D</i> , 2008, 77, .	4.7	5
24	LENSING EFFECTS ON GRAVITATIONAL WAVES IN A CLUMPY UNIVERSE. , 2008, , .		0
25	Black strings in our world. <i>Physical Review D</i> , 2005, 71, .	4.7	2
26	Gravitational radiation from a cylindrical naked singularity. <i>Physical Review D</i> , 2005, 71, .	4.7	7