

Ricardo

List of Publications by Year in descending order

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32
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32
times ranked

242
citing authors

#	ARTICLE	IF	CITATIONS
1	Boundary conditions for isolated asymptotically anti-de Sitter spacetimes. Journal of Mathematical Physics, 2022, 63, .	1.1	2
2	Chaotic dynamics of a spinless axisymmetric extended body around a Schwarzschild black hole. Physical Review D, 2022, 106, .	4.7	0
3	Analogue models for Schwarzschild and Reissner-Nordström spacetimes. Physical Review D, 2021, 104, .	4.7	8
4	Unruh-DeWitt detector in $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle \text{AdS} \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 2 \langle \text{mml:mn} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:math} \rangle .$ Physical Review D, 2021, 104, .	4.7	2
5	Quantum fields, geometric fluctuations, and the structure of spacetime. Physical Review D, 2020, 102, .	4.7	4
6	Evolution of populations expanding on curved surfaces $\langle \text{sup} \rangle (a) \langle \text{/sup} \rangle$. Europhysics Letters, 2018, 123, 58005.	2.0	12
7	Analogue gravity and radial fluid flows: The case of AdS and its deformations. Physical Review D, 2018, 97, .	4.7	1
8	The topology of dislocations in smectic liquid crystals. New Journal of Physics, 2016, 18, 053012.	2.9	19
9	Analogue model for anti-de Sitter as a description of point sources in fluids. Physical Review D, 2016, 94, .	4.7	7
10	Weirdest Martensite: Smectic Liquid Crystal Microstructure and Weyl-Poincaré Invariance. Physical Review Letters, 2016, 116, 147802.	7.8	11
11	Scattering by a topological defect connecting two asymptotically Minkowski spacetimes. Physical Review D, 2015, 91, .	4.7	1
12	Geometry of the Cholesteric Phase. Physical Review X, 2014, 4, .	8.9	18
13	Breaking the rules for topological defects: Smectic order on conical substrates. Physical Review E, 2012, 86, 011707.	2.1	11
14	Conformal smectics and their many metrics. Physical Review E, 2012, 85, 050701.	2.1	6
15	Vacuum Fluctuations and the Small Scale Structure of Spacetime. Physical Review Letters, 2011, 107, 021303.	7.8	37
16	Information-theoretic approach to kinetic-energy functionals: the nearly uniform electron gas. Journal of Mathematical Chemistry, 2010, 48, 78-82.	1.5	17
17	Fisher information and kinetic energy functionals: A dequantization approach. Journal of Computational and Applied Mathematics, 2010, 233, 1542-1547.	2.0	16
18	New self-dual solutions of $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \langle \text{mml:mi} \rangle S \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle U \langle \text{mml:mi} \rangle \langle \text{mml:mo} \text{stretchy="false"} \rangle \langle \text{mml:mo} \rangle \langle \text{mml:mn} \rangle 2 \langle \text{mml:mn} \rangle \langle \text{mml:mo} \rangle T_j \text{ETQq0 0 0 rgBT /Overlock 10 Tf 50 57 Td (stretchy="false")} \langle \text{mml:mo} \rangle \langle \text{mml:mn} \rangle 2 \langle \text{mml:mn} \rangle \langle \text{mml:mo} \rangle$ Physical Review D, 2009, 80, .		

#	ARTICLE	IF	CITATIONS
19	Nonsingular solutions of Hitchin's equations for noncompact gauge groups. <i>Nonlinearity</i> , 2007, 20, 1893-1906.	1.4	9
20	Relativistic glider. <i>Physical Review D</i> , 2007, 75, .	4.7	6
21	Classical kinetic energy, quantum fluctuation terms and kinetic-energy functionals. <i>Theoretical Chemistry Accounts</i> , 2007, 118, 407-415.	1.4	17
22	Singular solutions to the Seiberg-Witten and Freund equations on flat space from an iterative method. <i>Journal of Mathematical Physics</i> , 2006, 47, 013514.	1.1	1
23	Variational approach to dequantization. <i>Journal of Physics A</i> , 2006, 39, L229-L235.	1.6	11
24	Quantum-classical correspondence via a deformed kinetic operator. <i>Journal of Physics A</i> , 2005, 38, 3869-3878.	1.6	19
25	Volume elements and torsion. <i>Journal of Mathematical Physics</i> , 2005, 46, 112502.	1.1	12
26	The bundles of algebraic and Dirac-Hestenes spinor fields. <i>Journal of Mathematical Physics</i> , 2004, 45, 2945-2966.	1.1	50
27	Letter: Some Remarks on the Coupling Prescription of Teleparallel Gravity. <i>General Relativity and Gravitation</i> , 2004, 36, 2525-2538.	2.0	20
28	Quantum tomography for Dirac spinors. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2003, 315, 418-425.	2.1	14
29	\hat{A}^2 -gradings of Clifford algebras and multivector structures. <i>Journal of Physics A</i> , 2003, 36, 4395-4405.	1.6	11
30	Multivector Dirac Equation and \hat{A}^2 -Gradings of Clifford Algebras. <i>International Journal of Theoretical Physics</i> , 2002, 41, 1651-1671.	1.2	10
31	The transient regime in Fröhlich's condensation phenomenon in biosystems. <i>International Journal of Quantum Chemistry</i> , 1997, 62, 363-372.	2.0	1