

Kasper Peeters

List of Publications by Year in descending order

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26
papers

1,147
citations

430874

18
h-index

552781

26
g-index

26
all docs

26
docs citations

26
times ranked

623
citing authors

#	ARTICLE	IF	CITATIONS
1	Loop quantum gravity: an outside view. <i>Classical and Quantum Gravity</i> , 2005, 22, R193-R247.	4.0	152
2	Cadabra: a field-theory motivated symbolic computer algebra system. <i>Computer Physics Communications</i> , 2007, 176, 550-558.	7.5	151
3	Holographic melting and related properties of mesons in a quark-gluon plasma. <i>Physical Review D</i> , 2006, 74, .	4.7	142
4	Supersymmetric higher-derivative actions in 10 and 11 dimensions, the associated superalgebras and their formulation in superspace. <i>Classical and Quantum Gravity</i> , 2001, 18, 843-889.	4.0	105
5	Superspace geometry for supermembrane backgrounds. <i>Nuclear Physics B</i> , 1998, 532, 99-123.	2.5	81
6	Rho meson condensation at finite isospin chemical potential in a holographic model for QCD. <i>Journal of High Energy Physics</i> , 2008, 2008, 071-071.	4.7	72
7	Splitting spinning strings in AdS/CFT. <i>Journal of High Energy Physics</i> , 2004, 2004, 054-054.	4.7	44
8	Holographic decays of large-spin mesons. <i>Journal of High Energy Physics</i> , 2006, 2006, 009-009.	4.7	44
9	Chiral splitting and world-sheet gravitinos in higher-derivative string amplitudes. <i>Classical and Quantum Gravity</i> , 2002, 19, 2699-2716.	4.0	37
10	Supermembranes with winding. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997, 409, 117-123.	4.1	34
11	A non-homogeneous ground state of the low-temperature Sakai-Sugimoto model. <i>Journal of High Energy Physics</i> , 2011, 2011, 1.	4.7	34
12	Cadabra2: computer algebra for field theory revisited. <i>Journal of Open Source Software</i> , 2018, 3, 1118.	4.6	33
13	Killing - Yano supersymmetry in string theory. <i>Classical and Quantum Gravity</i> , 1997, 14, 35-46.	4.0	25
14	The Ramond-Ramond sector of string theory beyond leading order. <i>Classical and Quantum Gravity</i> , 2004, 21, 1643-1665.	4.0	22
15	A chiral magnetic spiral in the holographic Sakai-Sugimoto model. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	4.7	21
16	Temperature versus acceleration: the Unruh effect for holographic models. <i>Journal of High Energy Physics</i> , 2009, 2009, 015-015.	4.7	20
17	Superfield integrals in high dimensions. <i>Journal of High Energy Physics</i> , 2005, 2005, 093-093.	4.7	18
18	Mesons versus quasi-normal modes: undercooling and overheating. <i>Journal of High Energy Physics</i> , 2008, 2008, 027-027.	4.7	18

#	ARTICLE	IF	CITATIONS
19	Group theory of icosahedral virus capsid vibrations: A top-down approach. <i>Journal of Theoretical Biology</i> , 2009, 256, 607-624.	1.7	18
20	Higher-derivative gauge field terms in the M-theory action. <i>Journal of High Energy Physics</i> , 2005, 2005, 095-095.	4.7	15
21	A Thermodynamic Model of Microtubule Assembly and Disassembly. <i>PLoS ONE</i> , 2009, 4, e6378.	2.5	15
22	An index theorem for non-standard Dirac operators. <i>Classical and Quantum Gravity</i> , 1999, 16, 2537-2544.	4.0	13
23	Anti-de Sitter vacua require fermionic brane charges. <i>Physical Review D</i> , 2004, 69, .	4.7	12
24	Dissociation by acceleration. <i>Journal of High Energy Physics</i> , 2008, 2008, 038-038.	4.7	12
25	Dynamics of Icosahedral Viruses: What Does Viral Tiling Theory Teach Us?. <i>Computational and Mathematical Methods in Medicine</i> , 2008, 9, 211-220.	1.3	6
26	Holographic dynamics of unstable branes in AdS. <i>Comptes Rendus Physique</i> , 2004, 5, 1071-1080.	0.9	3