

Petr Horava

List of Publications by Year in descending order

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31
papers

8,130
citations

346980

22
h-index

511568

30
g-index

31
all docs

31
docs citations

31
times ranked

2979
citing authors

#	ARTICLE	IF	CITATIONS
1	String Perturbation Theory on the Schwinger-Keldysh Time Contour. Physical Review Letters, 2020, 125, 261602.	2.9	6
2	Surprises with Nonrelativistic Naturalness. , 2017, , .		0
3	Surprises with nonrelativistic naturalness. International Journal of Modern Physics D, 2016, 25, 1645007.	0.9	6
4	Cascading Multicriticality in Nonrelativistic Spontaneous Symmetry Breaking. Physical Review Letters, 2015, 115, 241601.	2.9	18
5	Scalar Field Theories with Polynomial Shift Symmetries. Communications in Mathematical Physics, 2015, 340, 985-1048.	1.0	50
6	GR 20 parallel session A3: modified gravity. General Relativity and Gravitation, 2014, 46, 1.	0.7	9
7	Multicritical symmetry breaking and naturalness of slow Nambu-Goldstone bosons. Physical Review D, 2013, 88, .	1.6	22
8	Lifshitz Gravity for Lifshitz Holography. Physical Review Letters, 2013, 110, 081602.	2.9	110
9	Quantizing Hořava-Lifshitz gravity via causal dynamical triangulations. Physical Review D, 2012, 85, .	1.6	58
10	Conformal Lifshitz gravity from holography. Journal of High Energy Physics, 2012, 2012, 1.	1.6	75
11	Anisotropic conformal infinity. General Relativity and Gravitation, 2011, 43, 1391-1400.	0.7	38
12	General covariance in gravity at a Lifshitz point. Classical and Quantum Gravity, 2011, 28, 114012.	1.5	78
13	General covariance in quantum gravity at a Lifshitz point. Physical Review D, 2010, 82, .	1.6	210
14	Quantum criticality and Yang-Mills gauge theory. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 694, 172-176.	1.5	86
15	Emergent gravity at a Lifshitz point from a Bose liquid on the lattice. Physical Review D, 2010, 81, .	1.6	57
16	Quantum gravity at a Lifshitz point. Physical Review D, 2009, 79, .	1.6	1,959
17	Membranes at quantum criticality. Journal of High Energy Physics, 2009, 2009, 020-020.	1.6	582
18	Spectral Dimension of the Universe in Quantum Gravity at a Lifshitz Point. Physical Review Letters, 2009, 102, 161301.	2.9	613

#	ARTICLE	IF	CITATIONS
19	M theory through the looking glass: Tachyon condensation in the E8 heterotic string. Physical Review D, 2008, 77, .	1.6	6
20	Closed-String Tachyon Condensation and the Worldsheet Super-Higgs Effect. Physical Review Letters, 2008, 100, 051601.	2.9	7
21	Noncritical M-theory in 2+1 dimensions as a nonrelativistic Fermi liquid. Journal of High Energy Physics, 2007, 2007, 059-059.	1.6	17
22	Thermodynamics of noncritical M-theory and the topological A-model. Nuclear Physics B, 2006, 745, 1-28.	0.9	8
23	Stability of Fermi Surfaces and KTheory. Physical Review Letters, 2005, 95, 016405.	2.9	260
24	Casimir effect between world-branes in heterotic M-theory. Nuclear Physics B, 2000, 580, 243-263.	0.9	152
25	M theory as a holographic field theory. Physical Review D, 1999, 59, .	1.6	83
26	Type IIA D-branes, K-theory and matrix theory. Advances in Theoretical and Mathematical Physics, 1998, 2, 1373-1404.	0.4	193
27	Heterotic and Type I string dynamics from eleven dimensions. Nuclear Physics B, 1996, 460, 506-524.	0.9	1,748
28	Topological rigid string theory and two-dimensional QCD. Nuclear Physics B, 1996, 463, 238-286.	0.9	30
29	Eleven-dimensional supergravity on a manifold with boundary. Nuclear Physics B, 1996, 475, 94-114.	0.9	1,246
30	Glino condensation in strongly coupled heterotic string theory. Physical Review D, 1996, 54, 7561-7569.	1.6	157
31	Background duality of open-string models. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1989, 231, 251-257.	1.5	246