

Heinz Dehnen

List of Publications by Year in descending order

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papers

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citations

759233

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580821

25
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37
all docs

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docs citations

37
times ranked

236
citing authors

#	ARTICLE	IF	CITATIONS
1	Newtonian Gravity Reformulated. International Journal of Theoretical Physics, 2018, 57, 1404-1409.	1.2	1
2	Gravitating dyons in Vaidya geometry. International Journal of Modern Physics A, 2014, 29, 1450042.	1.5	0
3	Anharmonic vibrations in pulsating stars. Indian Journal of Physics, 2012, 86, 849-853.	1.8	1
4	Generalization of Schwinger-Zwanziger Dyon to Quaternion. International Journal of Theoretical Physics, 2011, 50, 1908-1918.	1.2	9
5	Gauge Formulation for Two Potential Theory of Dyons. International Journal of Theoretical Physics, 2011, 50, 2446-2459.	1.2	7
6	Scalar field pressure in induced gravity with Higgs potential and dark matter. Journal of High Energy Physics, 2010, 2010, 1.	4.7	8
7	Black hole solutions and pressure terms in induced gravity with Higgs potential. Classical and Quantum Gravity, 2010, 27, 245003.	4.0	12
8	The Greenhouse Effect within an Analytic Model of the Atmosphere. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2009, 64, 69-80.	1.5	0
9	Nonminimal monopoles of the Dirac type as realization of the censorship conjecture. Physical Review D, 2009, 79, .	4.7	10
10	Non-minimal pp-wave Einstein-Yang-Mills-Higgs model: color cross-effects induced by curvature. General Relativity and Gravitation, 2008, 40, 2493-2513.	2.0	8
11	Effective metrics in the non-minimal Einstein-Yang-Mills-Higgs theory. Annals of Physics, 2008, 323, 2183-2207.	2.8	18
12	NONMINIMAL ISOTROPIC COSMOLOGICAL MODEL WITH YANG-MILLS AND HIGGS FIELDS. International Journal of Modern Physics D, 2008, 17, 1255-1269.	2.1	17
13	Nonminimal Einstein-Yang-Mills-Higgs theory: Associated, color, and color-acoustic metrics for the Wu-Yang monopole model. Physical Review D, 2007, 76, .	4.7	32
14	Higgs scalar-tensor theory for gravity and the flat rotation curves of spiral galaxies. General Relativity and Gravitation, 2007, 39, 1259-1277.	2.0	8
15	Horizon-less Spherically Symmetric Vacuum-Solutions in Higgs Scalar-Tensor Theory of Gravity. International Journal of Theoretical Physics, 2007, 46, 2429-2436.	1.2	9
16	Billiard Representation for Multidimensional Multi-Scalar Cosmological Model with Exponential Potentials. General Relativity and Gravitation, 2004, 36, 1563-1578.	2.0	6
17	Time evolution of the unstable two-fluid density fluctuations in Robertson-Walker Universes. Astrophysics and Space Science, 2003, 283, 375-402.	1.4	0
18	Locally Anisotropic Structures and Nonlinear Connections in Einstein and Gauge Gravity. General Relativity and Gravitation, 2003, 35, 209-250.	2.0	18

#	ARTICLE	IF	CITATIONS
19	Nonlinear Connections and Nearly Autoparallel Maps in General Relativity. <i>General Relativity and Gravitation</i> , 2003, 35, 807-850.	2.0	7
20	Integration of Einstein's equations in the weak-field domain using the "Einstein" gauge. <i>International Journal of Theoretical Physics</i> , 1997, 36, 559-567.	1.2	1
21	Derivation of the principle of equivalence for antimatter. <i>Foundations of Physics</i> , 1996, 26, 105-115.	1.3	4
22	$SU(2)\tilde{\times}U(1)$ gauge gravity. <i>International Journal of Theoretical Physics</i> , 1995, 34, 1981-2001.	1.2	5
23	Induced gravity inflation in the $SU(5)$ GUT. <i>Physical Review D</i> , 1995, 51, 395-404.	4.7	70
24	Induced gravity inflation in the standard model of particle physics. <i>Nuclear Physics B</i> , 1995, 442, 391-409.	2.5	173
25	Exact solutions of Einstein's field equations for a massive point-particle with scalar point-charge. <i>General Relativity and Gravitation</i> , 1993, 25, 1165-1173.	2.0	3
26	Higgs mechanism without Higgs particle. <i>International Journal of Theoretical Physics</i> , 1993, 32, 1135-1142.	1.2	26
27	Atome und Antiatome im Gravitationsfeld. <i>Physik Journal</i> , 1993, 49, 1013-1015.	0.1	5
28	Higgs field and a new scalar-tensor theory of gravity. <i>International Journal of Theoretical Physics</i> , 1992, 31, 109-114.	1.2	51
29	Higgs-field gravity within the standard model. <i>International Journal of Theoretical Physics</i> , 1991, 30, 985-998.	1.2	23
30	Higgs-field gravity. <i>International Journal of Theoretical Physics</i> , 1990, 29, 537-546.	1.2	33
31	Scalar gravity and Higgs potential. <i>International Journal of Theoretical Physics</i> , 1990, 29, 361-370.	1.2	6
32	Classical limit of an $SU(2)\tilde{\times}U(1)$ gauge field theory for gravity. <i>International Journal of Theoretical Physics</i> , 1988, 27, 567-570.	1.2	2
33	Gravity as Yang-Mills gauge theory. <i>Nuclear Physics B</i> , 1985, 262, 144-158.	2.5	8
34	Exact cosmological solutions in Brans and Dicke's scalar-tensor theory, I. <i>Astrophysics and Space Science</i> , 1971, 14, 454-459.	1.4	39
35	Über den Energieinhalt statischer Gravitationsfelder nach der allgemeinen Relativitätstheorie in Newtonscher Näherung. <i>European Physical Journal A</i> , 1964, 179, 96-101.	2.5	5
36	Zur allgemein-relativistischen Dynamik. <i>Annalen Der Physik</i> , 1964, 468, 101-108.	2.4	6