Heinz Dehnen

List of Publications by Year
in descending order

36	631	759233 12	580821 25
papers	citations	h-index	g-index

37	37	37	236
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Induced gravity inflation in the standard model of particle physics. Nuclear Physics B, 1995, 442, 391-409.	2.5	173
2	Induced gravity inflation in the SU(5) GUT. Physical Review D, 1995, 51, 395-404.	4.7	70
3	Higgs field and a new scalar-tensor theory of gravity. International Journal of Theoretical Physics, 1992, 31, 109-114.	1.2	51
4	Exact cosmological solutions in Brans and Dicke's scalar-tensor theory, I. Astrophysics and Space Science, 1971, 14, 454-459.	1.4	39
5	Higgs-field gravity. International Journal of Theoretical Physics, 1990, 29, 537-546.	1.2	33
6	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
7	Higgs mechanism without Higgs particle. International Journal of Theoretical Physics, 1993, 32, 1135-1142.	1.2	26
8	Higgs-field gravity within the standard model. International Journal of Theoretical Physics, 1991, 30, 985-998.	1.2	23
9	Locally Anisotropic Structures and Nonlinear Connections in Einstein and Gauge Gravity. General Relativity and Gravitation, 2003, 35, 209-250.	2.0	18
10	Effective metrics in the non-minimal Einsteinâ€“Yangâ€“Millsâ€“Higgs theory. Annals of Physics, 2008, 323, 2183-2207.	2.8	18
11	NONMINIMAL ISOTROPIC COSMOLOGICAL MODEL WITH YANGâ€“MILLS AND HIGGS FIELDS. International Journal of Modern Physics D, 2008, 17, 1255-1269.	2.1	17
12	Black hole solutions and pressure terms in induced gravity with Higgs potential. Classical and Quantum Gravity, 2010, 27, 245003.	4.0	12
13	Nonminimal monopoles of the Dirac type as realization of the censorship conjecture. Physical Review D, 2009, 79, .	4.7	10
14	Horizon-less Spherically Symmetric Vacuum-Solutions inÂaÂHiggs Scalar-Tensor Theory of Gravity. International Journal of Theoretical Physics, 2007, 46, 2429-2436.	1.2	9
15	Generalization of Schwinger-Zwanziger Dyon toÂQuaternion. International Journal of Theoretical Physics, 2011, 50, 1908-1918.	1.2	9
16	Gravity as Yang-Mills gauge theory. Nuclear Physics B, 1985, 262, 144-158.	2.5	8
17	Higgs scalarâ€“tensor theory for gravity and the flat rotation curves of spiral galaxies. General Relativity and Gravitation, 2007, 39, 1259-1277.	2.0	8
18	Non-minimal pp-wave Einsteinâ€“Yangâ€“Millsâ€“Higgs model: color cross-effects induced by curvature. General Relativity and Gravitation, 2008, 40, 2493-2513.	2.0	8

#	Article	IF	Citations
19	Scalar field pressure in induced gravity with Higgs potential and dark matter. Journal of High Energy Physics, 2010, 2010, 1.	4.7	8
20	Nonlinear Connections and Nearly Autoparallel Maps in General Relativity. General Relativity and Gravitation, 2003, 35, 807-850.	2.0	7
21	Gauge Formulation for Two Potential Theory of Dyons. International Journal of Theoretical Physics, 2011, 50, 2446-2459.	1.2	7
22	Zur allgemein-relativistischen Dynamik. Annalen Der Physik, 1964, 468, 101-108.	2.4	6
23	Scalar gravity and Higgs potential. International Journal of Theoretical Physics, 1990, 29, 361-370.	1.2	6
24	Billiard Representation for Multidimensional Multi-Scalar Cosmological Model with Exponential Potentials. General Relativity and Gravitation, 2004, 36, 1563-1578.	2.0	6
25	ï¿½ber den Energieinhalt statischer Gravitationsfelder nach der allgemeinen Relativitï¿½tstheorie in Newtonscher Nï¿½herung. European Physical Journal A, 1964, 179, 96-101.	2.5	5
26	Atome und Antiatome im Gravitationsfeld. Physik Journal, 1993, 49, 1013-1015.	0.1	5
27	SU(2)Ã—U(1) gauge gravity. International Journal of Theoretical Physics, 1995, 34, 1981-2001.	1.2	5
28	Derivation of the principle of equivalence for antimatter. Foundations of Physics, 1996, 26, 105-115.	1.3	4
29	Exact solutions of Einstein's field equations for a massive point-particle with scalar point-charge. General Relativity and Gravitation, 1993, 25, 1165-1173.	2.0	3
30	Classical limit of anSU(2)ï¿½U(1) gauge field theory for gravity. International Journal of Theoretical Physics, 1988, 27, 567-570.	1.2	2
31	Integration of Einstein's equations in the weak-field domain using the â€œEinsteinâ€•gauge. International Journal of Theoretical Physics, 1997, 36, 559-567.	1.2	1
32	Anharmonic vibrations in pulsating stars. Indian Journal of Physics, 2012, 86, 849-853.	1.8	1
33	Newtonian Gravity Reformulated. International Journal of Theoretical Physics, 2018, 57, 1404-1409.	1.2	1
34	Time evolution of the unstable two-fluid density fluctuations in Robertson-Walker Universes. Astrophysics and Space Science, 2003, 283, 375-402.	1.4	0
35	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
36	Gravitating dyons in Vaidya geometry. International Journal of Modern Physics A, 2014, 29, 1450042.	1.5	0