

David J Griffiths

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4505358/publications.pdf>

Version: 2024-02-01

24
papers

756
citations

840776

11
h-index

580821

25
g-index

26
all docs

26
docs citations

26
times ranked

447
citing authors

#	ARTICLE	IF	CITATIONS
1	Waves in locally periodic media. American Journal of Physics, 2001, 69, 137-154.	0.7	179
2	Resource Letter EM-1: Electromagnetic Momentum. American Journal of Physics, 2012, 80, 7-18.	0.7	101
3	Charge density on a conducting needle. American Journal of Physics, 1996, 64, 706-714.	0.7	86
4	Scattering from a locally periodic potential. American Journal of Physics, 1992, 60, 883-888.	0.7	64
5	Hidden momentum, field momentum, and electromagnetic impulse. American Journal of Physics, 2009, 77, 826-833.	0.7	48
6	Dirac deltas and discontinuous functions. American Journal of Physics, 1999, 67, 446-447.	0.7	43
7	Dipoles at rest. American Journal of Physics, 1992, 60, 979-987.	0.7	42
8	Why the speed of light is reduced in a transparent medium. American Journal of Physics, 1992, 60, 309-313.	0.7	36
9	Swinging Atwood's Machine. American Journal of Physics, 1984, 52, 895-903.	0.7	35
10	Mass renormalization in classical electrodynamics. American Journal of Physics, 1983, 51, 1120-1126.	0.7	32
11	Acceleration without radiation. American Journal of Physics, 1985, 53, 1203-1211.	0.7	32
12	CHAOTIC AND HYPERCHAOTIC MOTION OF A CHARGED PARTICLE IN A MAGNETIC DIPOLE FIELD. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2000, 10, 265-271.	1.7	11
13	Dynamic dipoles. American Journal of Physics, 2011, 79, 867-872.	0.7	9
14	Renormalization of a model quantum field theory. American Journal of Physics, 1992, 60, 1013-1023.	0.7	7
15	The charge distribution on a conductor for non-Coulombic potentials. American Journal of Physics, 2001, 69, 435-440.	0.7	6
16	Classical Casimir effect for beads on a string. American Journal of Physics, 2001, 69, 1173-1176.	0.7	6
17	The field of a uniformly polarized object. American Journal of Physics, 1992, 60, 187-187.	0.7	3
18	Millikan Lecture 1997: Is there a text in this class?. American Journal of Physics, 1997, 65, 1141-1143.	0.7	2

#	ARTICLE	IF	CITATIONS
19	Comment on "Electromagnetic momentum conservation in media" by I. Brevik and S. Ellingsen, Ann. Phys. 326 (2011) 754. Annals of Physics, 2012, 327, 1290-1292.	2.8	2
20	A catalogue of hidden momenta. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2018, 376, 20180043.	3.4	2
21	Reply to: All magnetic phenomena are NOT due to electric charges in motion [Am. J. Phys. 90, 7-8 (2022)]. American Journal of Physics, 2022, 90, 9-9.	0.7	2
22	Motion of a charged particle in the static fields of an infinite straight wire. American Journal of Physics, 2022, 90, 513-519.	0.7	2
23	Charge on luminous bodies resembling natural ball lightning produced via electrical arcs through lump silicon. Physical Review E, 2014, 90, 063102.	2.1	1
24	Comment on "Acceleration due to buoyancy and mass renormalization" [Am. J. Phys. 87, 165-170 (2019)]. American Journal of Physics, 2019, 87, 402-402.	0.7	0