

Alejandro Jenkins

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

566
citations

840776

11
h-index

794594

19
g-index

21
all docs

21
docs citations

21
times ranked

522
citing authors

#	ARTICLE	IF	CITATIONS
1	Self-oscillation. <i>Physics Reports</i> , 2013, 525, 167-222.	25.6	261
2	Spontaneous Lorentz violation and the long-range gravitational preferred-frame effect. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2005, 613, 5-10.	4.1	47
3	Spontaneous breaking of Lorentz invariance. <i>Physical Review D</i> , 2004, 69, .	4.7	44
4	Anthropic distribution for cosmological constant and primordial density perturbations. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2004, 600, 15-21.	4.1	29
5	Quark masses: An environmental impact statement. <i>Physical Review D</i> , 2009, 79, .	4.7	29
6	A thermodynamic cycle for the solar cell. <i>Annals of Physics</i> , 2017, 378, 71-87.	2.8	29
7	CONSTRAINTS ON EMERGENT GRAVITY. <i>International Journal of Modern Physics D</i> , 2009, 18, 2249-2255.	2.1	26
8	The Sun's position in the sky. <i>European Journal of Physics</i> , 2013, 34, 633-652.	0.6	24
9	Sprinkler head revisited: momentum, forces, and flows in Machian propulsion. <i>European Journal of Physics</i> , 2011, 32, 1213-1226.	0.6	16
10	Quantum Theory of Triboelectricity. <i>Physical Review Letters</i> , 2020, 125, 186101.	7.8	15
11	An elementary treatment of the reverse sprinkler. <i>American Journal of Physics</i> , 2004, 72, 1276-1282.	0.7	13
12	Interaction of a quantum field with a rotating heat bath. <i>Annals of Physics</i> , 2018, 395, 69-83.	2.8	7
13	Why do we observe a weak force? The hierarchy problem in the multiverse. <i>Physical Review D</i> , 2011, 83, .	4.7	6
14	Looking for Life in the Multiverse. <i>Scientific American</i> , 2010, 302, 42-49.	1.0	5
15	Dynamical theory for the battery's electromotive force. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 9428-9439.	2.8	5
16	Leaking elastic capacitor as model for active matter. <i>Physical Review E</i> , 2021, 103, 052131.	2.1	4
17	Irreversibility in an ideal fluid. <i>American Journal of Physics</i> , 2014, 82, 1040-1046.	0.7	2
18	The Problem of Engines in Statistical Physics. <i>Entropy</i> , 2021, 23, 1095.	2.2	2

#	ARTICLE	IF	CITATIONS
19	Chandler Wobble: Stochastic and Deterministic Dynamics. Springer Proceedings in Mathematics and Statistics, 2016, , 177-186.	0.2	1
20	COMPOSITE MEDIATORS AND LORENTZ VIOLATION. , 2005, , .		1
21	The mechanical career of Councillor Orffyreus, confidence man. American Journal of Physics, 2013, 81, 421-427.	0.7	0