

Jay D Tasson

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

898
citations

759233

12
h-index

996975

15
g-index

21
all docs

21
docs citations

21
times ranked

840
citing authors

#	ARTICLE	IF	CITATIONS
1	Matter-gravity couplings and Lorentz violation. <i>Physical Review D</i> , 2011, 83, .	4.7	266
2	Prospects for Large Relativity Violations in Matter-Gravity Couplings. <i>Physical Review Letters</i> , 2009, 102, 010402.	7.8	182
3	What do we know about Lorentz invariance?. <i>Reports on Progress in Physics</i> , 2014, 77, 062901.	20.1	141
4	Constraints on Lorentz violation from gravitational Čerenkov radiation. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015, 749, 551-559.	4.1	97
5	Superconducting-Gravimeter Tests of Local Lorentz Invariance. <i>Physical Review Letters</i> , 2017, 119, 201101.	7.8	42
6	Lorentz violation, gravitomagnetism, and intrinsic spin. <i>Physical Review D</i> , 2012, 86, .	4.7	41
7	New Test of Lorentz Invariance Using the MICROSCOPE Space Mission. <i>Physical Review Letters</i> , 2019, 123, 231102.	7.8	20
8	First joint observation by the underground gravitational-wave detector KAGRA with GEO 600. <i>Progress of Theoretical and Experimental Physics</i> , 2022, 2022, .	6.6	20
9	Matter-sector Lorentz violation in binary pulsars. <i>Physical Review D</i> , 2015, 92, .	4.7	19
10	Measuring the speed of gravitational waves from the first and second observing run of Advanced LIGO and Advanced Virgō. <i>Physical Review D</i> , 2020, 102, .	4.7	18
11	Lorentz violation and Sagnac gyroscopes. <i>Physical Review D</i> , 2019, 100, .	4.7	16
12	Analysis of Birefringence and Dispersion Effects from Spacetime-Symmetry Breaking in Gravitational Waves. <i>Universe</i> , 2021, 7, 380.	2.5	16
13	Gravity effects on antimatter in the standard-model extension. <i>International Journal of Modern Physics Conference Series</i> , 2014, 30, 1460273.	0.7	7
14	Spacetime Symmetries and Classical Mechanics. <i>Symmetry</i> , 2019, 11, 22.	2.2	7
15	Antimatter, the SME, and gravity. <i>Hyperfine Interactions</i> , 2012, 213, 137-146.	0.5	5
16	Antimatter, Lorentz Symmetry, and Gravity. , 2017, , .		1
17	Antimatter-gravity couplings, and Lorentz symmetry. <i>Hyperfine Interactions</i> , 2014, 228, 111-119.	0.5	0
18	LORENTZ SYMMETRY AND MATTER-GRAVITY COUPLINGS. , 2010, , .		0

#	ARTICLE	IF	CITATIONS
19	The MICROSCOPE Space Mission and Lorentz Violation. , 2020, , .		0
20	Ring Laser Gyroscope Tests of Lorentz Symmetry. , 2020, , .		0
21	Maximal Tests in Minimal Gravity. , 2020, , .		0