

Graham M Shore

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3584214/publications.pdf>

Version: 2024-02-01

24
papers

761
citations

567281

15
h-index

677142

22
g-index

24
all docs

24
docs citations

24
times ranked

290
citing authors

#	ARTICLE	IF	CITATIONS
1	Strong equivalence, Lorentz and CPT violation, anti-hydrogen spectroscopy and gamma-ray burst polarimetry. Nuclear Physics B, 2005, 717, 86-118.	2.5	95
2	Quantum gravitational optics. Contemporary Physics, 2003, 44, 503-521.	1.8	87
3	Symmetry restoration and the background field method in gauge theories. Annals of Physics, 1981, 137, 262-305.	2.8	76
4	Superluminality and UV completion. Nuclear Physics B, 2007, 778, 219-258.	2.5	76
5	The refractive index of curved spacetime: The fate of causality in QED. Nuclear Physics B, 2008, 795, 138-171.	2.5	65
6	The causal structure of QED in curved spacetime: analyticity and the refractive index. Journal of High Energy Physics, 2008, 2008, 091-091.	4.7	53
7	Causality and micro-causality in curved spacetime. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2007, 655, 67-74.	4.1	49
8	Faster than light photons in gravitational fields II.. Nuclear Physics B, 2002, 633, 271-294.	2.5	39
9	The refractive index of curved spacetime II: QED, Penrose limits and black holes. Journal of High Energy Physics, 2009, 2009, 089-089.	4.7	31
10	The gauge-invariant angular momentum sum-rule for the proton. Nuclear Physics B, 2000, 581, 409-431.	2.5	29
11	Causality violation, gravitational shockwaves and UV completion. Journal of High Energy Physics, 2016, 2016, 1.	4.7	29
12	The effect of gravitational tidal forces on renormalized quantum fields. Journal of High Energy Physics, 2012, 2012, 1.	4.7	24
13	Memory, Penrose limits and the geometry of gravitational shockwaves and gyratons. Journal of High Energy Physics, 2018, 2018, 1.	4.7	23
14	A local effective action for photon-gravity interactions. Nuclear Physics B, 2002, 646, 281-300.	2.5	22
15	The effect of gravitational tidal forces on vacuum polarization: How to undress a photon. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 691, 279-284.	4.1	20
16	THE UNBEARABLE BEINGNESS OF LIGHT – Dressing and Undressing Photons in Black Hole Spacetimes. International Journal of Modern Physics D, 2012, 21, 1241003.	2.1	10
17	Causality, renormalizability and ultra-high energy gravitational scattering. Journal of Physics A: Mathematical and Theoretical, 2016, 49, 215401.	2.1	9
18	Gravitational leptogenesis, C, CP and strong equivalence. Journal of High Energy Physics, 2015, 2015, 1.	4.7	6

#	ARTICLE	IF	CITATIONS
19	The c and a-Theorems and the Local Renormalisation Group. SpringerBriefs in Physics, 2017, , .	0.7	6
20	Dynamical evolution of gravitational leptogenesis. Journal of High Energy Physics, 2020, 2020, 1.	4.7	6
21	A new twist on the geometry of gravitational plane waves. Journal of High Energy Physics, 2017, 2017, 1.	4.7	4
22	Leptogenesis from loop effects in curved spacetime. Journal of High Energy Physics, 2016, 2016, 1-34.	4.7	2
23	Polarised structure functions and two-photon physics at Super-B. European Physical Journal C, 2013, 73, 1.	3.9	0
24	c-Theorem in Two Dimensions. SpringerBriefs in Physics, 2017, , 33-43.	0.7	0