Sergio Giardino

List of Publications by Year
in descending order

29 papers	203 citations	1307594 7 h-index	1199594 12 g-index
29 all docs	29 docs citations	29 times ranked	23 citing authors

#	Article	IF	Citations
1	Dirac solutions for quaternionic potentials. Journal of Mathematical Physics, 2014, 55, .	1.1	25
2	Non-anti-hermitian Quaternionic Quantum Mechanics. Advances in Applied Clifford Algebras, 2018, 28, 1.	1.0	23
3	Quaternionic Particle in a Relativistic Box. Foundations of Physics, 2016, 46, 473-483.	1.3	20
4	Quaternionic Aharonovâ€"Bohm Effect. Advances in Applied Clifford Algebras, 2017, 27, 2445-2456.	1.0	18
5	Quaternionic quantum mechanics in real Hilbert space. Journal of Geometry and Physics, 2020, 158, 103956.	1.4	17
6	Virial theorem and generalized momentum in quaternionic quantum mechanics. European Physical Journal Plus, 2020, 135, 1.	2.6	17
7	Quaternionic Quantum Particles. Advances in Applied Clifford Algebras, 2019, 29, 1.	1.0	12
8	Quaternionic electrodynamics. Modern Physics Letters A, 2020, 35, 2050327.	1.2	10
9	Quaternionic Kleinâ€"Gordon equation. European Physical Journal Plus, 2021, 136, 1.	2.6	9
10	A NONASSOCIATIVE QUATERNION SCALAR FIELD THEORY. Modern Physics Letters A, 2013, 28, 1350163.	1.2	7
11	Quaternionic elastic scattering. Europhysics Letters, 2020, 132, 50010.	2.0	7
12	Quaternionic quantum harmonic oscillator. European Physical Journal Plus, 2021, 136, 1.	2.6	6
13	Pulsating strings in Lunin-Maldacena backgrounds. Journal of High Energy Physics, 2011, 2011, 1.	4.7	4
14	MÃ¶bius Transformation for Left-Derivative Quaternion Holomorphic Functions. Advances in Applied Clifford Algebras, 2017, 27, 1161-1173.	1.0	4
15	Four-Dimensional Conformal Field Theory using Quaternions. Advances in Applied Clifford Algebras, 2017, 27, 2457-2471.	1.0	4
16	A Novel Covariant Approach to Gravito-Electromagnetism. Brazilian Journal of Physics, 2020, 50, 372-378.	1.4	4
17	Divergent energy strings in AdS5 Ã— S 5 with three angular momenta. Journal of High Energy Physics, 2011, 2011, 1.	4.7	3
18	Quaternionic Dirac free particle. International Journal of Modern Physics A, 2021, 36, .	1.5	3

#	Article	IF	Citations
19	LIE 3-ALGEBRA AND SUPER-AFFINIZATION OF SPLIT-OCTONIONS. Modern Physics Letters A, 2011, 26, 2663-2675.	1.2	2
20	Quaternionic quantum particles: new solutions. Canadian Journal of Physics, 2021, 99, 263-268.	1.1	2
21	Semiclassical Strings in (2+1)-Dimensional Backgrounds. , 2013, 2013, 1-6.		1
22	THE STATIC STRING. Modern Physics Letters A, 2014, 29, 1450018.	1.2	1
23	A primer on the differential geometry of quaternionic curves. Mathematical Methods in the Applied Sciences, 2021, 44, 14428.	2.3	1
24	Square-well potential in quaternionic quantum mechanics. Europhysics Letters, 2020, 132, 20007.	2.0	1
25	Axisymmmetric Empty Space: Light Propagation, Orbits and Dark Matter. Journal of Modern Physics, 2014, 05, 1402-1411.	0.6	1
26	Quaternionic scalar field in the real hilbert space. International Journal of Modern Physics A, 0, , .	1.5	1
27	Classical strings in $AdS_4 \times \mathbb{CP}^3$ with three angular momenta. Journal of High Energy Physics, 2011, 2011, 1.	4.7	0
28	Tunnelling of pulsating strings in deformed Minkowski spacetime. European Physical Journal C, 2016, 76, 1.	3.9	0
29	Winding number and homotopy for quaternionic curves. International Journal of Geometric Methods in Modern Physics, 0, , .	2.0	0