

Rafael de la Madrid

List of Publications by Year in descending order

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19
papers

311
citations

1040056

9
h-index

888059

17
g-index

19
all docs

19
docs citations

19
times ranked

162
citing authors

#	ARTICLE	IF	CITATIONS
1	The role of the rigged Hilbert space in quantum mechanics. <i>European Journal of Physics</i> , 2005, 26, 287-312.	0.6	109
2	A pedestrian introduction to Gamow vectors. <i>American Journal of Physics</i> , 2002, 70, 626-638.	0.7	66
3	The rigged Hilbert space approach to the Gamow states. <i>Journal of Mathematical Physics</i> , 2012, 53, .	1.1	23
4	Numerical calculation of the decay widths, the decay constants, and the decay energy spectra of the resonances of the delta-shell potential. <i>Nuclear Physics A</i> , 2017, 962, 24-45.	1.5	15
5	Resonances and Time Reversal Operator in Rigged Hilbert Spaces. <i>International Journal of Theoretical Physics</i> , 1999, 38, 93-113.	1.2	14
6	The resonance amplitude associated with the Gamow states. <i>Nuclear Physics A</i> , 2008, 812, 13-27.	1.5	14
7	The Rigged Hilbert Space of the Free Hamiltonian. <i>International Journal of Theoretical Physics</i> , 2003, 42, 2441-2460.	1.2	13
8	The decay widths, the decay constants, and the branching fractions of a resonant state. <i>Nuclear Physics A</i> , 2015, 940, 297-310.	1.5	13
9	Comparison of the lateral retention forces on sessile and pendant water drops on a solid surface. <i>American Journal of Physics</i> , 2015, 83, 531-538.	0.7	11
10	Comparison of the Lateral Retention Forces on Sessile, Pendant, and Inverted Sessile Drops. <i>Langmuir</i> , 2019, 35, 2871-2877.	3.5	9
11	The Gamow-state description of the decay energy spectrum of neutron-unbound ^{250}O . <i>Nuclear Physics A</i> , 2018, 970, 398-410.	1.5	7
12	Formal and precise derivation of the Green functions for a simple potential. <i>Chaos, Solitons and Fractals</i> , 2001, 12, 2689-2695.	5.1	6
13	New insights into the capillary retention force and the work of adhesion. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2022, 637, 128195.	4.7	4
14	Time as a dynamical variable in quantum decay. <i>Nuclear Physics A</i> , 2013, 913, 217-235.	1.5	3
15	Reply to "Comment on "On the inconsistency of the Bohm-Gadella theory with quantum mechanics". <i>Journal of Physics A: Mathematical and Theoretical</i> , 2007, 40, 4671-4681.	2.1	2
16	Localization of Non-Relativistic Particles. <i>International Journal of Theoretical Physics</i> , 2007, 46, 1986-1997.	1.2	1
17	Reply to Comment on "Comparison of the Lateral Retention Forces on Sessile, Pendant, and Inverted Sessile Drops". <i>Langmuir</i> , 2020, 36, 477-478.	3.5	1
18	Replacing the Breit-Wigner Amplitude by the Complex Delta Function to Describe Resonances. <i>Progress of Theoretical Physics Supplement</i> , 2010, 184, 516-522.	0.1	0

#	ARTICLE	IF	CITATIONS
19	Gravitational dispersion in a torsional wave machine. American Journal of Physics, 2014, 82, 1134-1141.	0.7	0