Rafael de la Madrid

List of Publications by Year
in descending order

19	311	1040056 9	888059 17
papers	citations	h-index	g-index

19	19	19	162
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	New insights into the capillary retention force and the work of adhesion. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2022, 637, 128195.	4.7	4
2	Reply to Comment on â€œComparison of the Lateral Retention Forces on Sessile, Pendant, and Inverted Sessile Dropsâ€• Langmuir, 2020, 36, 477-478.	3.5	1
3	Comparison of the Lateral Retention Forces on Sessile, Pendant, and Inverted Sessile Drops. Langmuir, 2019, 35, 2871-2877.	3.5	9
4	The Gamow-state description of the decay energy spectrum of neutron-unbound 25O. Nuclear Physics A, 2018, 970, 398-410.	1.5	7
5	Numerical calculation of the decay widths, the decay constants, and the decay energy spectra of the resonances of the delta-shell potential. Nuclear Physics A, 2017, 962, 24-45.	1.5	15
6	Comparison of the lateral retention forces on sessile and pendant water drops on a solid surface. American Journal of Physics, 2015, 83, 531-538.	0.7	11
7	The decay widths, the decay constants, and the branching fractions of a resonant state. Nuclear Physics A, 2015, 940, 297-310.	1.5	13
8	Gravitational dispersion in a torsional wave machine. American Journal of Physics, 2014, 82, 1134-1141.	0.7	0
9	Time as a dynamical variable in quantum decay. Nuclear Physics A, 2013, 913, 217-235.	1.5	3
10	The rigged Hilbert space approach to the Gamow states. Journal of Mathematical Physics, 2012, 53, .	1.1	23
11	Replacing the Breit-Wigner Amplitude by the Complex Delta Function to Describe Resonances. Progress of Theoretical Physics Supplement, 2010, 184, 516-522.	0.1	0
12	The resonance amplitude associated with the Gamow states. Nuclear Physics A, 2008, 812, 13-27.	1.5	14
13	Reply to â€˜Comment on â€˜On the inconsistency of the Bohmâ€“Gadella theory with quantum mechanicsâ€™â€™ Journal of Physics A: Mathematical and Theoretical, 2007, 40, 4671-4681.	2.1	2
14	Localization of Non-Relativistic Particles. International Journal of Theoretical Physics, 2007, 46, 1986-1997.	1.2	1
15	The role of the rigged Hilbert space in quantum mechanics. European Journal of Physics, 2005, 26, 287-312.	0.6	109
16	The Rigged Hilbert Space of the Free Hamiltonian. International Journal of Theoretical Physics, 2003, 42, 2441-2460.	1.2	13
17	A pedestrian introduction to Gamow vectors. American Journal of Physics, 2002, 70, 626-638.	0.7	66
18	Formal and precise derivation of the Green functions for a simple potential. Chaos, Solitons and Fractals, 2001, 12, 2689-2695.	5.1	6

#	Article	IF	Citations
19	Resonances and Time Reversal Operator in Rigged Hilbert Spaces. International Journal of Theoretical Physics, 1999, 38, 93-113.	1.2	14