José Manuel Alcaraz Pelegrina

List of Publications by Year
in descending order

18 papers	134 citations	1307594 7 h-index	1281871 11 g-index
18 all docs	18 docs citations	18 times ranked	169 citing authors

#	Article	IF	Citations
1	U/Th dating of impure carbonates: 230Th/232Th activity ratios in detrital material. Journal of Radioanalytical and Nuclear Chemistry, 2019, 321, 71-81.	1.5	6
2	Exclusion principle repulsion effects on the covalent bond beyond the Bornâ€"Oppenheimer approximation. Physical Chemistry Chemical Physics, 2019, 21, 10411-10416.	2.8	4
3	Ionisation and excitation probabilities of a hydrogen atom suddenly released from penetrable confinement. Molecular Physics, 2019, 117, 1621-1628.	1.7	5
4	A simple and accurate analytical model of the Stark profile and its application to plasma characterization. Journal of Quantitative Spectroscopy and Radiative Transfer, 2018, 207, 89-94.	2.3	6
5	Ionization probability of the hydrogen atom suddenly released from confinement. International Journal of Quantum Chemistry, 2018, 118, e25563.	2.0	7
6	Simple and analytical function for the Stark profile of the HÎ± line and its application to plasma characterization. Journal of Quantitative Spectroscopy and Radiative Transfer, 2018, 217, 111-115.	2.3	3
7	The hydrogen atom confined by one and two hard cones. Physics Letters, Section A: General, Atomic and Solid State Physics, 2017, 381, 780-786.	2.1	1
8	Isotopic Effects on Covalent Bond Confined in a Penetrable Sphere. Journal of Physical Chemistry B, 2015, 119, 14364-14372.	2.6	15
9	U-series dating applied to speleothems from Los Covachos Cave, South of Spain. Journal of Radioanalytical and Nuclear Chemistry, 2013, 298, 87-94.	1.5	1
10	U/Th dating of carbonate deposits from Chafarinas Islands, Spain. Journal of Radioanalytical and Nuclear Chemistry, 2013, 298, 1005-1016.	1.5	2
11	Quantum Confinement of the Covalent Bond beyond the Bornâ€"Oppenheimer Approximation. Journal of Physical Chemistry B, 2013, 117, 7270-7276.	2.6	22
12	U-series dating of speleothems from the Sierra del Endrinal (Grazalema Mountains, S Spain). Applied Radiation and Isotopes, 2012, 70, 2275-2281.	1.5	4
13	Simulations of pulse propagation in optical fibers using graphics processor units. Computer Physics Communications, 2011, 182, 1414-1420.	7.5	5
14	Stationary pulses in two cubicâ€"quintic Ginzburgâ€"Landau equations coupled with a cross phase modulation term. Physics Letters, Section A: General, Atomic and Solid State Physics, 2011, 375, 2815-2822.	2.1	2
15	Modulational instability in two cubicâ€"quintic Ginzburgâ€"Landau equations coupled with a cross phase modulation term. Physics Letters, Section A: General, Atomic and Solid State Physics, 2010, 374, 1591-1599.	2.1	17
16	U/Th dating of carbonate deposits from Constantina (Sevilla), Spain. Applied Radiation and Isotopes, 2007, 65, 798-804.	1.5	8
17	Isotopic fractionation during leaching of impure carbonates and their effect on uranium series dating. Quaternary Science Reviews, 2005, 24, 2584-2593.	3.0	10
18	Natural radioactivity in groundwaters around a fertilizer factory complex in South of Spain. Applied Radiation and Isotopes, 2001, 55, 419-423.	1.5	16