

JosÃ© Manuel Alcaraz Pelegrina

List of Publications by Year in descending order

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citing authors

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