Amaia Saracibar

List of Publications by Year
in descending order

18	267	933447 10	940533 16
papers	citations	h-index	g-index

18	18	18	302
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Enhanced electrochemical performance of Li-rich cathode materials through microstructural control. Physical Chemistry Chemical Physics, 2018, 20, 23112-23122.	2.8	46
2	Modeling the global potential energy surface of the N + N2 reaction from ab initio data. Physical Chemistry Chemical Physics, 2008, 10, 2552.	2.8	39
3	A comparison of the quantum state-specific efficiency of N + N2 reaction computed on different potential energy surfaces. Physical Chemistry Chemical Physics, 2009, 11, 1752.	2.8	30
4	A detailed trajectory study of the OH+COâ†'H+CO2 reaction. Chemical Physics, 2007, 332, 162-175.	1.9	21
5	DFT-Assisted Solid-State NMR Characterization of Defects in Li₂MnO₃. Inorganic Chemistry, 2019, 58, 8347-8356.	4.0	21
6	Theoretical Study of the Complex-Forming CH + H2â†' CH2+ H Reactionâ€. Journal of Physical Chemistry A, 2006, 110, 5542-5548.	2.5	16
7	A Full Dimensional Quasiclassical Trajectory Study of Cl + CH4Rate Coefficientsâ€. Journal of Physical Chemistry A, 2004, 108, 8752-8758.	2.5	15
8	An Extension of the Molecular Simulator GEMS to Calculate the Signal of Crossed Beam Experiments. Lecture Notes in Computer Science, 2011, , 453-465.	1.3	14
9	Capture and dissociation in the complex-forming CH+H2â†' CH2+H, CH+H2 reactions. Physical Chemistry Chemical Physics, 2011, 13, 3421.	2.8	12
10	A detailed comparison of centrifugal sudden and J-shift estimates of the reactive properties of the N + N2 reaction. Physical Chemistry Chemical Physics, 2009, 11, 11456.	2.8	10
11	Calculated versus measured product distributions of the OH+D 2 reaction. Molecular Physics, 2006, 104, 839-846.	1.7	9
12	A multiproperty analysis of the OH+H2(D2,HD) potential energy surface. Chemical Physics, 2005, 308, 201-210.	1.9	7
13	Effect of the Total Angular Momentum on the Dynamics of the H₂ + H₂ System. Journal of Physical Chemistry A, 2009, 113, 14312-14320.	2.5	7
14	Impact of Stacking Faults and Li Substitution in Li_xMnO₃ (0 â‰ x â‰) Tj ETQq0 0 0 rgBT /Over 7474-7481.	4.6	6
15	Grid Computing in Time-Dependent Quantum Reactive Dynamics. Lecture Notes in Computer Science, 2008, , 1065-1080.	1.3	6
16	Quantum Mechanical Capture/Phase Space Theory Calculation of the Rate Constants for the Complex-Forming CH + H₂ Reaction. Journal of Physical Chemistry A, 2008, 112, 12588-12596.	2.5	4
17	Capture and dissociation in the complex-forming CH(v = 0,1) + D2â†' CHD + D, CD2 + H, CD + HD reactions and comparison with CH(v = 0,1) + H2. Physical Chemistry Chemical Physics, 2011, 13, 13638.	2.8	2
18	Cross-curricular skills development in final-year dissertation by active and collaborative methodologies. Interactive Learning Environments, 2018, 26, 175-188.	6.4	2