

Maryam Tarazkar

List of Publications by Year in descending order

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14
papers

496
citations

759233

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1058476

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all docs

14
docs citations

14
times ranked

529
citing authors

#	ARTICLE	IF	CITATIONS
1	Properties of Methane and Carbon Adsorbed at the Interface between Molten NaBr and Ni(111). Journal of Physical Chemistry C, 2021, 125, 3980-3987.	3.1	3
2	Initial Steps in CH ₄ Pyrolysis on Cu and Ni. Journal of Physical Chemistry C, 2021, 125, 18665-18672.	3.1	4
3	Methane pyrolysis in low-cost, alkali-halide molten salts at high temperatures. Sustainable Energy and Fuels, 2021, 5, 6107-6123.	4.9	31
4	Catalytic Methane Pyrolysis with Liquid and Vapor Phase Tellurium. ACS Catalysis, 2020, 10, 8223-8230.	11.2	42
5	Methane Pyrolysis with a Molten Cu-Bi Alloy Catalyst. ACS Catalysis, 2019, 9, 8337-8345.	11.2	112
6	Ultraviolet surprise: Efficient soft x-ray high-harmonic generation in multiply ionized plasmas. Science, 2015, 350, 1225-1231.	12.6	165
7	Theoretical study of second-order hyperpolarizability for nitrogen radical cation. Journal of Physics B: Atomic, Molecular and Optical Physics, 2015, 48, 094019.	1.5	12
8	Controlling the dissociation dynamics of acetophenone radical cation through excitation of ground and excited state wavepackets. Journal of Physics B: Atomic, Molecular and Optical Physics, 2015, 48, 164002.	1.5	15
9	Strong Field Adiabatic Ionization Prepares a Launch State for Coherent Control. Journal of Physical Chemistry Letters, 2014, 5, 4305-4309.	4.6	18
10	Higher-order nonlinearity of refractive index: The case of argon. Journal of Chemical Physics, 2014, 140, 214316.	3.0	28
11	Controlling Dissociation of Alkyl Phenyl Ketone Radical Cations in the Strong-Field Regime through Hydroxyl Substitution Position. Journal of Physical Chemistry A, 2014, 118, 8170-8176.	2.5	12
12	Radical cation spectroscopy of substituted alkyl phenyl ketones via tunnel ionization. Chemical Physics, 2014, 442, 81-85.	1.9	13
13	Measurement of an Electronic Resonance in a Ground-State, Gas-Phase Acetophenone Cation via Strong-Field Mass Spectrometry. Journal of Physical Chemistry Letters, 2013, 4, 1587-1591.	4.6	23
14	Measurement of Ionic Resonances in Alkyl Phenyl Ketone Cations via Infrared Strong Field Mass Spectrometry. Journal of Physical Chemistry A, 2013, 117, 12374-12381.	2.5	18