

Milena Spassova

List of Publications by Year in descending order

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papers

446
citations

933447

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1372567

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10
times ranked

467
citing authors

#	ARTICLE	IF	CITATIONS
1	Ab initio investigation of doping-enhanced electronic and vibrational second hyperpolarizability of polyacetylene chains. <i>Journal of Chemical Physics</i> , 2002, 116, 3935-3946.	3.0	115
2	Theoretical and Experimental Investigation of Electric Field Induced Second Harmonic Generation in Tetrathia[7]helicenes. <i>Journal of Physical Chemistry C</i> , 2008, 112, 7900-7907.	3.1	104
3	Hyper-Rayleigh scattering of neutral and charged helicenes. <i>Chemical Physics Letters</i> , 2005, 412, 274-279.	2.6	53
4	Large effect of dopant level on second hyperpolarizability of alkali-doped polyacetylene chains. <i>Chemical Physics Letters</i> , 2005, 412, 217-222.	2.6	33
5	Theoretical investigation on the polarizability and second hyperpolarizability of polysilole. <i>Chemical Physics Letters</i> , 2009, 471, 111-115.	2.6	33
6	Structural properties of doped polyacetylene chains: a comparative theoretical investigation using Hartree-Fock, Møller-Plesset second-order perturbation theory, and density functional theory approaches. <i>Physical Chemistry Chemical Physics</i> , 2004, 6, 3167-3174.	2.8	30
7	Theoretical investigation on bridged triarylamine helicenes: UV/visible and circular dichroism spectra. <i>Chemical Physics Letters</i> , 2007, 439, 213-218.	2.6	29
8	Boron-Doped Polycyclic Aromatic Hydrocarbons: A Molecular Set Revealing the Interplay between Topology and Singlet Fission Propensity. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 1390-1396.	4.6	21
9	Charge distributions in polyacetylene chains containing a positively charged defect. <i>International Journal of Quantum Chemistry</i> , 2005, 104, 354-366.	2.0	14