

Upendra Adhikari

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Competition between lone pair π , halogen bond, and hydrogen bond in adducts of water with perhalogenated alkenes $C_2Cl_nF_{4-n}$ ($n=0-4$). <i>Chemical Physics</i> , 2014, 440, 53-63.	1.9	8
2	Effects of Charge and Substituent on the S π -N Chalcogen Bond. <i>Journal of Physical Chemistry A</i> , 2014, 118, 3183-3192.	2.5	144
3	Do phenolic and carboxylic groups coexist at the tips of oxidized single-wall carbon nanotubes (o-SWNTs)? <i>Carbon</i> , 2014, 73, 194-205.	10.3	10
4	Site Preferences of Carboxyl Groups on the Periphery of Graphene and Their Characteristic IR Spectra. <i>Journal of Physical Chemistry C</i> , 2013, 117, 18206-18215.	3.1	12
5	Magnitude and Mechanism of Charge Enhancement of CH π -O Hydrogen Bonds. <i>Journal of Physical Chemistry A</i> , 2013, 117, 10551-10562.	2.5	57
6	Conservation and Functional Importance of Carbon π -Oxygen Hydrogen Bonding in AdoMet-Dependent Methyltransferases. <i>Journal of the American Chemical Society</i> , 2013, 135, 15536-15548.	13.7	92
7	Preferred Configurations of Peptide π -Peptide Interactions. <i>Journal of Physical Chemistry A</i> , 2013, 117, 489-496.	2.5	28
8	First Steps in Growth of a Polypeptide toward β -Sheet Structure. <i>Journal of Physical Chemistry B</i> , 2013, 117, 11575-11583.	2.6	3
9	Substituent Effects on Cl π -N, S π -N, and P π -N Noncovalent Bonds. <i>Journal of Physical Chemistry A</i> , 2012, 116, 3487-3497.	2.5	127
10	Contributions of Various Noncovalent Bonds to the Interaction between an Amide and S π -Containing Molecules. <i>ChemPhysChem</i> , 2012, 13, 3535-3541.	2.1	14
11	Sensitivity of pnictogen, chalcogen, halogen and H-bonds to angular distortions. <i>Chemical Physics Letters</i> , 2012, 532, 31-35.	2.6	181
12	Abilities of Different Electron Donors (D) to Engage in a P π -D Noncovalent Interaction. <i>Journal of Physical Chemistry A</i> , 2011, 115, 11101-11110.	2.5	103
13	Comparison of P π -D (D = P,N) with other noncovalent bonds in molecular aggregates. <i>Journal of Chemical Physics</i> , 2011, 135, 184306.	3.0	85