TamÃ¡s Keszthelyi

List of Publications by Year
in descending order

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25	483	706676	759306
papers	citations	14 h-index	22 g-index

25	25	25	644
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Quantum-chemistry-aided ligand engineering for potential molecular switches: changing barriers to tune excited state lifetimes. Chemical Communications, 2020, 56, 11831-11834.	2.2	4
2	Bilayer Charge Reversal and Modification of Lipid Organization by Dendrimers as Observed by Sum-Frequency Vibrational Spectroscopy. Langmuir, 2015, 31, 7815-7825.	1.6	11
3	Sodium selective ion channel formation in living cell membranes by polyamidoamine dendrimer. Biochimica Et Biophysica Acta - Biomembranes, 2013, 1828, 1873-1880.	1.4	20
4	Interaction of Phospholipid Langmuir Monolayers with an Antibiotic Peptide Conjugate. Journal of Physical Chemistry B, 2013, 117, 6969-6979.	1.2	13
5	Organization of the enantiomeric and racemic forms of an amphiphilic resorcinol derivative at the airâ€“water and graphiteâ€“1â€phenyloctane interfaces. Chirality, 2012, 24, 155-166.	1.3	11
6	Interaction of Carbon Monoxide with Au(111) Modified by Ion Bombardment: A Surface Spectroscopy Study under Elevated Pressure. Langmuir, 2010, 26, 16312-16324.	1.6	34
7	Characterisation of the membrane affinity of an isoniazide peptide conjugate by tensiometry, atomic force microscopy and sum-frequency vibrational spectroscopy, using a phospholipid Langmuir monolayer model. Physical Chemistry Chemical Physics, 2010, 12, 11498.	1.3	14
8	Study of FeOx/Au inverse model catalysts by in situ sum frequency generation vibrational spectroscopy. Reaction Kinetics and Catalysis Letters, 2009, 96, 345-356.	0.6	4
9	Investigation of Solid Surfaces Modified by Langmuirâ^'Blodgett Monolayers Using Sum-Frequency Vibrational Spectroscopy and X-ray Photoelectron Spectroscopy. Journal of Physical Chemistry B, 2006, 110, 8701-8714.	1.2	56
10	Adsorbed and Spread Layers of Poly(ethylene oxide)â^'Poly(propylene oxide)â^'Poly(ethylene oxide) Block Copolymers at the Airâ^'Water Interface Studied by Sum-Frequency Vibrational Spectroscopy and Tensiometry. Macromolecules, 2006, 39, 9375-9384.	2.2	32
11	Observation of a Liquidâ^'Gas Phase Transition in Monolayers of Alkyltrimethylammonium Alkyl Sulfates Adsorbed at the Air/Water Interface. Journal of Physical Chemistry B, 2005, 109, 872-878.	1.2	35
12	Electron Delocalization in the Radical Cation of 1,3,6,8-Tetraazatricyclo[4.4.1.13,8]dodecane, a 4-Nitrogen-7-Electron System. Journal of the American Chemical Society, 2002, 124, 159-167.	6.6	20
13	Effect of Solvent on the O2(a1Î”g) â†' O2(b1Î£g+) Absorption Spectrum:Â Demonstrating the Importance of Equilibrium vs Nonequilibrium Solvation. Journal of Physical Chemistry A, 2002, 106, 5263-5270.	1.1	18
14	Evidence of Dynamical Jahnâ^'Teller Effect on Triphenylene Radical Cation:Â Resonance Raman Spectrum and ab Initio Quantum-Chemical Calculations. Journal of Physical Chemistry A, 2000, 104, 9121-9129.	1.1	19
15	O2(a1Î”g) Absorption and O2(b1Î£g+) Emission in Solution:Â Quantifying the aâ^'b Stokes Shiftâ€. Journal of Physical Chemistry A, 2000, 104, 10550-10555.	1.1	24
16	The Radical Cation and Lowest Rydberg States of 1,4-Diaza[2.2.2]bicyclooctane (DABCO). Journal of Physical Chemistry A, 2000, 104, 1834-1841.	1.1	25
17	2,2â€˜-Bithiophene Radical Cation:Â An Experimental and Computational Study. Journal of Physical Chemistry A, 2000, 104, 2808-2823.	1.1	26
18	Radiative Transitions of Singlet Oxygen: New Tools, New Techniques and New Interpretations. Photochemistry and Photobiology, 1999, 70, 531-539.	1.3	45

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19	Bithiophene radical cation: resonance Raman spectroscopy and molecular orbital calculations. Chemical Physics Letters, 1998, 282, 171-175.	1.2	7
20	Resonance Raman and quantum chemical studies of short polyene radical cations. Journal of Molecular Structure, 1997, 410-411, 339-342.	1.8	3
21	The radical cation of trans-1,3-pentadiene: resonance Raman spectrum and ab initio calculations. Journal of Molecular Structure, 1996, 379, 211-218.	1.8	7
22	Radical Cation of 1,3-Butadiene:Â Resonance Raman Spectrum of Deuterated Derivatives and Improved Force Field. The Journal of Physical Chemistry, 1996, 100, 16850-16855.	2.9	17
23	Radical Cations of Monomethyl-Substituted 1,3-Butadienes:â€‰ Resonance Raman Spectra and Molecular Orbital Calculations. The Journal of Physical Chemistry, 1996, 100, 15785-15793.	2.9	7
24	Radical Cation of 1,3-Butadiene:Â Resonance Raman Spectrum of theh6Isotopomer. The Journal of Physical Chemistry, 1996, 100, 16843-16849.	2.9	18
25	Resonance Raman Investigation of the Radical Cation of 1,3,5-Hexatriene. The Journal of Physical Chemistry, 1994, 98, 5632-5638.	2.9	13