Zoltan A Fekete

List of Publications by Year
in descending order

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18 papers	267 citations	1163117 8 h-index	996975 15 g-index
18 all docs	18 docs citations	18 times ranked	449 citing authors

#	Article	IF	Citations
1	Interactions between Biopolymers and Polysiloxanes: A Theoretical Study. ACS Symposium Series, 2010, , 231-241.	0.5	0
2	Theoretical characterization of gasâ€“liquid chromatographic stationary phases with quantum chemical descriptors. Journal of Chromatography A, 2009, 1216, 2540-2547.	3.7	12
3	Quantum chemical characterization of Abraham solvation parameters for gasâ€“liquid chromatographic stationary phases. Journal of Chromatography A, 2009, 1216, 8535-8544.	3.7	6
4	Response Equation Based Thermochemical Analysis of Singlet Bipolaron Structures in Oligo(3-Methyl-Thiophenes). The Open Physical Chemistry Journal, 2009, 3, 8-17.	0.4	0
5	Temperature dependence of the KovÃ¡ts retention index. Journal of Chromatography A, 2008, 1206, 178-185.	3.7	9
6	Characterization of Poly(3-octylthiophene)/Silver Nanocomposites Prepared by Solution Doping. Journal of Physical Chemistry C, 2007, 111, 11872-11878.	3.1	53
7	Ion beam irradiation of conjugated polymers for preparing new membrane materialsâ€”A theoretical study. Separation and Purification Technology, 2007, 57, 440-443.	7.9	6
8	Harmonic vibrational frequency scaling factors for the new NDDO Hamiltonians: RM1 and PM6. Molecular Physics, 2007, 105, 2597-2605.	1.7	33
9	Reply to comment of Dr Meier on â€˜Relation between C1s XPS binding energy and calculated partial charge of carbon atoms in polymersâ€™ by Hoffmann et al., J. Mol. Struct. (Theochem) 725 (2005) 5â€“8. Computational and Theoretical Chemistry, 2006, 759, 253-254.	1.5	1
10	Relation between C1s XPS binding energy and calculated partial charge of carbon atoms in polymers. Computational and Theoretical Chemistry, 2005, 725, 5-8.	1.5	45
11	Temperature dependence of solvation heat capacities by gas chromatography. Analytica Chimica Acta, 2005, 549, 134-139.	5.4	8
12	Molecular Orbital Theory Predictions for Photophysical Properties of Polymers: Toward Computer-Aided Design of New Luminescent Materials. ACS Symposium Series, 2005, , 63-75.	0.5	0
13	Modeling of displacement damage in an ion-beam-modified perfluorosulfonate ionomer. Journal of Polymer Science, Part B: Polymer Physics, 2004, 42, 1343-1350.	2.1	2
14	Theoretical and experimental X-ray photoelectron spectroscopy investigation of ion-implanted nafion. Journal of Polymer Science Part A, 2004, 42, 551-556.	2.3	35
15	Preparation and structural studies on the tBu2Sn(IV) complexes with aromatic mono- and dicarboxylic acids containing hetero {N} donor atom. Journal of Organometallic Chemistry, 2004, 689, 2762-2769.	1.8	31
16	l-2-Hydroxypropionic acid in aqueous solutionâ€”a vibrational spectroscopic and computational study. Computational and Theoretical Chemistry, 2003, 666-667, 159-162.	1.5	7
17	In situ photocatalytic reactor with FT-IR analysis for heterogeneous catalytic studies. Applied Catalysis A: General, 2000, 193, L5-L8.	4.3	8
18	Estimation and prediction of the retention indices of selectedtrans-diazenes. Chromatographia, 1989, 27, 581-584.	1.3	11