

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