

Robert Ditchfield

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

4,383
citations

1477746

6
h-index

1588620

8
g-index

9
all docs

9
docs citations

9
times ranked

4032
citing authors

| # | ARTICLE | IF | CITATIONS |
|---|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 1 | A simpler method affords evaluation of π stabilization by phenylalanine of several biochemical carbocations. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 7597-7607. | 1.5 | 2 |
| 2 | Carbocation π interaction: evaluation of the stabilization by phenylalanine of a biochemical carbocation intermediate. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 9543-9548. | 1.5 | 6 |
| 3 | Carbocation π interaction: the 1,1-dimethylallyl cation and benzene. <i>Tetrahedron Letters</i> , 2011, 52, 3674-3677. | 0.7 | 6 |
| 4 | Carbocation π Interaction: A Computational Study of Complexation of Methyl Cation with Benzene and Comparisons with Related Systems. <i>Journal of the American Chemical Society</i> , 1998, 120, 10482-10489. | 6.6 | 88 |
| 5 | Proton chemical shift tensors in hydrogen-bonded dimers of RCOOH and ROH. <i>Journal of Chemical Physics</i> , 1983, 79, 4958-4966. | 1.2 | 83 |
| 6 | Heuristic intermolecular potential function for the methane-water interaction based on ab initio quantum-mechanical calculations. <i>International Journal of Quantum Chemistry</i> , 1978, 14, 319-327. | 1.0 | 12 |
| 7 | Theoretical studies of magnetic shielding in H ₂ O and (H ₂ O) ₂ . <i>Journal of Chemical Physics</i> , 1976, 65, 3123-3133. | 1.2 | 160 |
| 8 | Self-consistent perturbation theory of diamagnetism. <i>Molecular Physics</i> , 1974, 27, 789-807. | 0.8 | 4,026 |