

Maria V Dimitrova

List of Publications by Year in descending order

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189
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Integration of global ring currents using the Ampère–Maxwell law. <i>Physical Chemistry Chemical Physics</i> , 2022, 24, 624-628. | 2.8 | 15 |
| 2 | Magnetically induced ring currents in metallocenothiaporphyrins. <i>Physical Chemistry Chemical Physics</i> , 2022, 24, 1666-1674. | 2.8 | 9 |
| 3 | Magnetically Induced Current Densities in Zinc Porphyrin Nanoshells. <i>Journal of Physical Chemistry A</i> , 2022, 126, 1936-1945. | 2.5 | 7 |
| 4 | Diagnosing Ring Current(s) in Figure-Eight Skeletons: A 3D Through-Space Conjugation in the Two-Loops Crossing. <i>Organic Letters</i> , 2022, 24, 4876-4880. | 4.6 | 4 |
| 5 | Current density, current-density pathways, and molecular aromaticity. , 2021, , 155-194. | | 4 |
| 6 | Spatial Contributions to Nuclear Magnetic Shieldings. <i>Journal of Physical Chemistry A</i> , 2021, 125, 1778-1786. | 2.5 | 17 |
| 7 | Benchmarking Magnetizabilities with Recent Density Functionals. <i>Journal of Chemical Theory and Computation</i> , 2021, 17, 1457-1468. | 5.3 | 43 |
| 8 | Magnetically Induced Ring-Current Strengths of Planar and Nonplanar Molecules: New Insights from the Pseudo- ρ Model. <i>Journal of Physical Chemistry A</i> , 2021, 125, 5753-5764. | 2.5 | 17 |
| 9 | Spatial Contributions to ^1H NMR Chemical Shifts of Free-Base Porphyrinoids. <i>Chemistry</i> , 2021, 3, 1005-1021. | 2.2 | 6 |
| 10 | Current density and molecular magnetic properties. <i>Chemical Communications</i> , 2021, 57, 12362-12378. | 4.1 | 39 |
| 11 | Fully numerical electronic structure calculations on diatomic molecules in weak to strong magnetic fields. <i>Molecular Physics</i> , 2020, 118, . | 1.7 | 19 |
| 12 | A method for designing a novel class of gold-containing molecules. <i>Chemical Communications</i> , 2020, 56, 5433-5436. | 4.1 | 5 |
| 13 | Aromatic and Antiaromatic Pathways in Triphyrin(2.1.1) Annulated with Benzo[<i>b</i>]heterocycles. <i>Chemistry - A European Journal</i> , 2019, 25, 15477-15482. | 3.3 | 18 |
| 14 | Magnetically Induced Current Densities in Toroidal Carbon Nanotubes. <i>Journal of Physical Chemistry C</i> , 2019, 123, 15354-15365. | 3.1 | 20 |
| 15 | Magnetically Induced Ring-Current Strengths in Möbius Twisted Annulenes. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 1627-1632. | 4.6 | 19 |
| 16 | The aromatic character of [10]annulenes and dicupra[10]annulenes from current density calculations. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 1337-1346. | 2.8 | 14 |
| 17 | The influence of heteroatoms on the aromatic character and the current pathways of $\text{B}_{22}\text{N}_{22}$ -dibenzo[<i>a,e</i>]pentalenes. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 20213-20223. | 2.8 | 15 |