

# Maria V Dimitrova

## List of Publications by Year in descending order

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