

# Arun K Pal

## List of Publications by Year in descending order

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times ranked

329  
citing authors

#	ARTICLE	IF	CITATIONS
1	Spin Alternation Rule in USCF for Through-Bond Magnetic Coupling: A New Look: Why and When Does It Arise and How To See It. <i>Journal of Physical Chemistry A</i> , 2022, 126, 2309-2318.	2.5	1
2	Understanding the Regioselectivity of Ion-Pair-Assisted Meta-Selective C(sp <sup>2</sup> )-H Activation in Conformationally Flexible Arylammonium Salts. <i>Journal of Organic Chemistry</i> , 2022, 87, 9222-9231.	3.2	2
3	Tuning of the optoelectronic properties of peptide-appended core-substituted naphthalenediimides: the role of self-assembly of two positional isomers. <i>Soft Matter</i> , 2021, 17, 7168-7176.	2.7	9
4	Harnessing Noncovalent Interactions for a Directed Evolution of a Six-Component Molecular Crystal. <i>Journal of Physical Chemistry B</i> , 2021, 125, 12584-12591.	2.6	6
5	Paradoxical design of a serendipitous pyrazolate bridging mode: a pragmatic strategy for inducing ineluctable ferromagnetic coupling. <i>Dalton Transactions</i> , 2020, 49, 13704-13716.	3.3	2
6	Polymorphism Dependent 9-Phosphoanthracene Derivative Exhibiting Thermally Activated Delayed Fluorescence: A Computational Investigation. <i>Journal of Physical Chemistry A</i> , 2020, 124, 11025-11037.	2.5	17
7	Transition-State-like Planar Structures for Amine Inversion with Ultralong C-C Bonds in Diamino- <i>o</i> -carborane and Diamino- <i>o</i> -dodecahedron. <i>Journal of the American Chemical Society</i> , 2020, 142, 5331-5337.	13.7	18
8	Remote Functionalization through Symmetric or Asymmetric Substitutions Control the Pathway of Intermolecular Singlet Fission. <i>Journal of Chemical Theory and Computation</i> , 2019, 15, 5014-5023.	5.3	9
9	Calculation of linear and nonlinear optical properties of azobenzene derivatives with Kohn-Sham and coupled-cluster methods. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 7303-7316.	2.8	23
10	Ferrocene-based diradicals of imino nitroxide, nitronyl nitroxide and verdazyl, and their cations are possible SMM: A quantum chemical study. <i>Chemical Physics Letters</i> , 2017, 676, 70-76.	2.6	9
11	Geometrical structure of meta-xylylene based symmetric polyradicals and their magnetic nature: A density functional study. <i>Chemical Physics Letters</i> , 2016, 648, 189-194.	2.6	3
12	Ferromagnetic Nature of Silicon-Substituted <i>o</i> -Xylylene Polyradicals. <i>Journal of Physical Chemistry C</i> , 2015, 119, 3754-3761.	3.1	4
13	Quantum Chemical Investigation of <i>meta</i> -Xylylene Based One-Dimensional Polymer Chain. <i>Journal of Physical Chemistry A</i> , 2015, 119, 2176-2185.	2.5	8
14	The Triplet-Singlet Gap in the <i>m</i> -Xylylene Radical: A Not So Simple One. <i>Journal of Chemical Theory and Computation</i> , 2014, 10, 335-345.	5.3	56
15	Quantum Chemical Investigation of Calix[4]arene-Based Radicals with Bis(biphenylene)methyl Linkers as Precursors of Spin Glass and Superparamagnets. <i>Journal of Physical Chemistry C</i> , 2014, 118, 27599-27610.	3.1	7
16	Theoretical and computational investigation of meta-phenylene as ferromagnetic coupler in nitronyl nitroxide diradicals. <i>Theoretical Chemistry Accounts</i> , 2014, 133, 1.	1.4	12
17	Theoretical Investigation of Photomagnetic Properties of Oxoverdazyl-Substituted Pyrenes. <i>Journal of Physical Chemistry A</i> , 2013, 117, 8609-8622.	2.5	8
18	Theoretical Investigation of Stilbene as Photochromic Spin Coupler. <i>Journal of Physical Chemistry A</i> , 2013, 117, 1773-1783.	2.5	22

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19	On the Photomagnetism of Nitronyl Nitroxide, Imino Nitroxide, and Verdazyl-Substituted Azobenzene. Journal of Physical Chemistry A, 2012, 116, 3304-3311.	2.5	23