

# Sambhu Nath Datta

## List of Publications by Year in descending order

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7  
papers

203  
citations

1937685

4  
h-index

1720034

7  
g-index

7  
all docs

7  
docs citations

7  
times ranked

98  
citing authors

#	ARTICLE	IF	CITATIONS
1	Phenylene Coupling of Methylene Sites. The Spin States of Bis(X <sup>•</sup> methylene)-p-phenylenes and Bis(chloromethylene)-m-phenylene. <i>Journal of the American Chemical Society</i> , 1997, 119, 12947-12951.	13.7	90
2	Molecular orbital studies on the spin states of nitroxide species: Bis- and trisnitroxymetaphenylene, 1,1-bisnitroxylphenylethylene, and 4,6-dimethoxy-1,3-dialkyl nitroxyl-benzenes. <i>International Journal of Quantum Chemistry</i> , 1996, 57, 781-799.	2.0	81
3	Semiempirical quantum chemical calculation on the chlorophyll <sup>a</sup> water system and determination of excitonic characteristics of a model chloroplast. <i>Chemical Physics Letters</i> , 1990, 173, 360-366.	2.6	14
4	Transport of excitation energy in a three-dimensional doped molecular crystal. <i>International Journal of Quantum Chemistry</i> , 1989, 36, 141-155.	2.0	7
5	Min-max and max-min approaches to the solution of wave equation in relativistic quantum chemistry. <i>Indian Journal of Physics</i> , 2019, 93, 285-299.	1.8	5
6	Variable operator technique and the min-max theorem. <i>Pramana - Journal of Physics</i> , 2000, 55, 383-392.	1.8	3
7	Min-max and max-min principles for the solution of 2D Dirac fermion in magnetic field, graphene lattice and layered diatomic materials. <i>Chemical Physics Letters</i> , 2018, 692, 313-318.	2.6	3