

# Avijit Ghosh

## List of Publications by Year in descending order

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18  
papers

467  
citations

759233

12  
h-index

839539

18  
g-index

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19  
docs citations

19  
times ranked

659  
citing authors

#	ARTICLE	IF	CITATIONS
1	Frontiers of solvent-free functional molecular liquids. <i>Chemical Communications</i> , 2017, 53, 10344-10357.	4.1	77
2	Effect of Five Membered Versus Six Membered Meso-Substituents on Structure and Electronic Properties of Mg(II) Porphyrins: A Combined Experimental and Theoretical Study. <i>Inorganic Chemistry</i> , 2010, 49, 8287-8297.	4.0	56
3	Synthesis, Structure, Spectroscopic, and Electrochemical Properties of Highly Fluorescent Phosphorus(V)- <i>meso</i> -Triarylcorroles. <i>Chemistry - A European Journal</i> , 2012, 18, 6386-6396.	3.3	56
4	Benzophenones as Generic Host Materials for Phosphorescent Organic Light-Emitting Diodes. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 1527-1535.	8.0	43
5	Amorphous Host Materials Based on Triarylgermanium Base Scaffold for Application in Phosphorescent Organic Light-Emitting Diodes. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 3298-3305.	8.0	41
6	Soft chromophore featured liquid porphyrins and their utilization toward liquid electret applications. <i>Nature Communications</i> , 2019, 10, 4210.	12.8	32
7	Synthesis, Structure and Properties of a Five-Coordinate Oxophosphorus(V)- <i>meso</i> -Triphenylcorrole. <i>European Journal of Inorganic Chemistry</i> , 2012, 2012, 4231-4239.	2.0	30
8	Bifunctional organic materials for OLEDs based on Triarylgermanium base: Subtle structural changes and significant differences in electroluminescence. <i>Organic Electronics</i> , 2014, 15, 3766-3772.	2.6	22
9	Deep blue-emissive bifunctional (hole-transporting + emissive) materials with CIE <sub>y</sub> ≈ 0.06 based on a U-shaped phenanthrene scaffold for application in organic light-emitting diodes. <i>Journal of Materials Chemistry C</i> , 2016, 4, 9310-9315.	5.5	21
10	Rhenium(I) Tricarbonyl Complexes of 5,10,15,20-Tetraphenyl-21-thia and 21-Oxaporphyrins. <i>Inorganic Chemistry</i> , 2012, 51, 6700-6709.	4.0	19
11	Synthesis, spectral and electrochemical properties of cyclotriphosphazene appended with six metalloporphyrins. <i>Inorganica Chimica Acta</i> , 2011, 372, 436-441.	2.4	14
12	Aluminium(III) porphyrin based axial-bonding type dyads containing thiaporphyrins and expanded thiaporphyrins as axial ligands. <i>New Journal of Chemistry</i> , 2012, 36, 2630.	2.8	14
13	Synthesis and Crystal Structure of the Rhenium(I) Tricarbonyl Complex of 5,10,15,20-Tetra- <i>p</i> -tolyl-21,23-dithiaporphyrin. <i>Inorganic Chemistry</i> , 2014, 53, 2355-2357.	4.0	12
14	Rhenium(I) tricarbonyl complex of 5,20-bis( <i>p</i> -tolyl)-10,15-bis( <i>p</i> -methoxyphenyl)-21-selenaporphyrin: first X-ray structural characterization of metal complex of 21-selenaporphyrin. <i>Dalton Transactions</i> , 2013, 42, 10798.	3.3	9
15	Stimuli-responsive Rheological Properties for Liquid Phthalocyanines. <i>Chemistry Letters</i> , 2017, 46, 1539-1541.	1.3	9
16	Twisted biaryl-amines as novel host materials for green-emissive phosphorescent organic light-emitting diodes (PhOLEDs). <i>RSC Advances</i> , 2015, 5, 101169-101176.	3.6	6
17	Nitrogen-Free Bifunctional Bianthryl Leads to Stable White-Light Emission in Bilayer and Multilayer OLED Devices. <i>ACS Omega</i> , 2018, 3, 1416-1424.	3.5	4
18	Ring Opening of a <i>meso</i> -Triaryl 25-Oxasmaragdyrin Macrocycle by <i>m</i> -Chloroperoxybenzoic Acid. <i>Chemistry - A European Journal</i> , 2016, 22, 2153-2157.	3.3	2