Avijit Ghosh

List of Publications by Year
in descending order

18	467	759233 12	839539 18
papers	citations	h-index	g-index

19	19	19	659
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Soft chromophore featured liquid porphyrins and their utilization toward liquid electret applications. Nature Communications, 2019, 10, 4210.	12.8	32
2	Nitrogen-Free Bifunctional Bianthryl Leads to Stable White-Light Emission in Bilayer and Multilayer OLED Devices. ACS Omega, 2018, 3, 1416-1424.	3.5	4
3	Frontiers of solvent-free functional molecular liquids. Chemical Communications, 2017, 53, 10344-10357.	4.1	77
4	Stimuli-responsive Rheological Properties for Liquid Phthalocyanines. Chemistry Letters, 2017, 46, 1539-1541.	1.3	9
5	Ring Opening of a mesoâ€Triaryl 25â€Oxasmaragdyrin Macrocycle by mâ€Chloroperoxybenzoic Acid. Chemistry - A European Journal, 2016, 22, 2153-2157.	3.3	2
6	Deep blue-emissive bifunctional (hole-transporting + emissive) materials with CIE_yâ¼ 0.06 based on a â€˜Uâ€™-shaped phenanthrene scaffold for application in organic light-emitting diodes. Journal of Materials Chemistry C, 2016, 4, 9310-9315.	5.5	21
7	Benzophenones as Generic Host Materials for Phosphorescent Organic Light-Emitting Diodes. ACS Applied Materials & Interfaces, 2016, 8, 1527-1535.	8.0	43
8	Twisted biaryl-amines as novel host materials for green-emissive phosphorescent organic light-emitting diodes (PhOLEDs). RSC Advances, 2015, 5, 101169-101176.	3.6	6
9	Amorphous Host Materials Based on TrÃ¶gerâ€™s Base Scaffold for Application in Phosphorescent Organic Light-Emitting Diodes. ACS Applied Materials & Interfaces, 2015, 7, 3298-3305.	8.0	41
10	Bifunctional organic materials for OLEDs based on TrÃ¶gerâ€™s base: Subtle structural changes and significant differences in electroluminescence. Organic Electronics, 2014, 15, 3766-3772.	2.6	22
11	Synthesis and Crystal Structure of the Rhenium(I) Tricarbonyl Complex of 5,10,15,20-Tetra-p-tolyl-21,23-dithiaporphyrin. Inorganic Chemistry, 2014, 53, 2355-2357.	4.0	12
12	Rhenium(i) tricarbonyl complex of 5,20-bis(p-tolyl)-10,15-bis(p-methoxyphenyl)-21-selenaporphyrin: first X-ray structural characterization of metal complex of 21-selenaporphyrin. Dalton Transactions, 2013, 42, 10798.	3.3	9
13	Rhenium(I) Tricarbonyl Complexes of 5,10,15,20-Tetraphenyl-21-thia and 21-Oxaporphyrins. Inorganic Chemistry, 2012, 51, 6700-6709.	4.0	19
14	Aluminium(iii) porphyrin based axial-bonding type dyads containing thiaporphyrins and expanded thiaporphyrins as axial ligands. New Journal of Chemistry, 2012, 36, 2630.	2.8	14
15	Synthesis, Structure and Properties of a Fiveâ€Coordinate Oxophosphorus(V) mesoâ€Triphenylcorrole. European Journal of Inorganic Chemistry, 2012, 2012, 4231-4239.	2.0	30
16	Synthesis, Structure, Spectroscopic, and Electrochemical Properties of Highly Fluorescent Phosphorus(V)â€“mesoâ€Triarylcorroles. Chemistry - A European Journal, 2012, 18, 6386-6396.	3.3	56
17	Synthesis, spectral and electrochemical properties of cyclotriphosphazene appended with six metalloporphyrins. Inorganica Chimica Acta, 2011, 372, 436-441.	2.4	14
18	Effect of Five Membered Versus Six Membered Meso-Substituents on Structure and Electronic Properties of Mg(II) Porphyrins: A Combined Experimental and Theoretical Study. Inorganic Chemistry, 2010, 49, 8287-8297.	4.0	56