

# Iti Gupta

## List of Publications by Year in descending order

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49  
papers

1,330  
citations

257450

24  
h-index

361022

35  
g-index

51  
all docs

51  
docs citations

51  
times ranked

1153  
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent developments in heteroporphyrins and their analogues. <i>Coordination Chemistry Reviews</i> , 2006, 250, 468-518.	18.8	157
2	Nâ€Confused and Nâ€Fused <i>meso</i> -aryl Sapphyrins. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 4563-4567.	13.8	76
3	Design and synthesis of BODIPY-clickate based Hg <sup>2+</sup> sensors: the effect of triazole binding mode with Hg <sup>2+</sup> on signal transduction. <i>Dalton Transactions</i> , 2016, 45, 2700-2708.	3.3	52
4	Oxidation of phenothiazine based fluorescent probe for hypochlorite and its application to live cell imaging. <i>Sensors and Actuators B: Chemical</i> , 2018, 263, 137-142.	7.8	52
5	One-Flask Synthesis of Mono- and Trifunctionalized 21-Thia and 21-Oxaporphyrin Building Blocks and Their Application in the Synthesis of Covalent and Noncovalent Unsymmetrical Porphyrin Arrays. <i>Journal of Organic Chemistry</i> , 2004, 69, 6796-6811.	3.2	45
6	Carbazoleâ€corrole and carbazoleâ€prophyrin dyads: synthesis, fluorescence and electrochemical studies. <i>New Journal of Chemistry</i> , 2015, 39, 482-491.	2.8	44
7	Synthesis and Structural Characterization of <i>meso</i> -Thienyl Core-Modified Porphyrins. <i>European Journal of Organic Chemistry</i> , 2003, 2003, 4392-4400.	2.4	41
8	Spectroscopic properties of <i>meso</i> -thienylporphyrins with different porphyrin cores. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2006, 177, 156-163.	3.9	41
9	Synthesis, Structure, and Optical Studies of Donorâ€Acceptor Type Near-Infrared (NIR) Azaâ€Boronâ€Dipyrrromethene (BODIPY) Dyes. <i>Chemistry - an Asian Journal</i> , 2016, 11, 1572-1587.	3.3	41
10	Bridged bis-BODIPYs: their synthesis, structures and properties. <i>Dalton Transactions</i> , 2015, 44, 17209-17221.	3.3	39
11	Synthesis and characterization of styryl-BODIPY derivatives for monitoring in vitro Tau aggregation. <i>Sensors and Actuators B: Chemical</i> , 2017, 244, 673-683.	7.8	39
12	Antibacterial Sonodynamic Therapy: Current Status and Future Perspectives. <i>ACS Biomaterials Science and Engineering</i> , 2021, 7, 5326-5338.	5.2	35
13	Synthesis of 21-thia and 21-oxaporphyrin building blocks and boronâ€dipyrrin appended systems. <i>Tetrahedron</i> , 2002, 58, 5347-5356.	1.9	34
14	Donorâ€acceptor type A <sub>2</sub> B <sub>2</sub> porphyrins: synthesis, energy transfer, computational and electrochemical studies. <i>Inorganic Chemistry Frontiers</i> , 2017, 4, 618-638.	6.0	33
15	Doubly Nâ€Confused [36]Octaphyrin(1.1.1.1.1.1.1.1): Isomerization, Bisâ€Metal Coordination, and Topological Chirality. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 14252-14256.	13.8	33
16	Synthesis of <i>meso</i> -furyl porphyrins with N <sub>4</sub> , N <sub>3S</sub> , N <sub>2S2</sub> and N <sub>3O</sub> porphyrin cores. <i>Tetrahedron</i> , 2003, 59, 6131-6139.	1.9	31
17	Carbazole substituted boron dipyrrromethenes. <i>Dalton Transactions</i> , 2014, 43, 12405-12413.	3.3	31
18	Carbazole Substituted BODIPYs. <i>Frontiers in Chemistry</i> , 2019, 7, 841.	3.6	31

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19	Fluorescence properties of meso-tetrafurlylporphyrins. <i>Journal of Chemical Sciences</i> , 2005, 117, 161-166.	1.5	28
20	Synthesis and photophysical studies of covalently linked porphyrin-21-thiaporphyrin dyads. <i>Inorganica Chimica Acta</i> , 2007, 360, 1731-1742.	2.4	28
21	Synthesis of functionalized thia analogues of phlorins and covalently linked phlorin-porphyrin dyads. <i>Chemical Communications</i> , 2006, , 3726-3728.	4.1	27
22	Phosphorescent rhenium-dipyrinates: efficient photosensitizers for singlet oxygen generation. <i>Dalton Transactions</i> , 2019, 48, 2467-2478.	3.3	27
23	Synthesis of 21-oxoporphyrin building blocks and energy donor appended systems. <i>Tetrahedron Letters</i> , 2001, 42, 8547-8550.	1.4	26
24	Synthesis of meso-furlyl porphyrins. <i>Tetrahedron Letters</i> , 2002, 43, 9453-9455.	1.4	24
25	Water soluble thioglycosylated BODIPYs for mitochondria targeted cytotoxicity. <i>Bioorganic Chemistry</i> , 2019, 91, 103139.	4.1	23
26	Synthesis of Water-Soluble Thioglycosylated <i>trans</i> -A <sub>2</sub> B <sub>2</sub> Type Porphyrins: Cellular Uptake Studies and Photodynamic Efficiency. <i>Journal of Organic Chemistry</i> , 2020, 85, 6309-6322.	3.2	23
27	Novel and Rapid Synthetic Routes to A3B- and AB3-Type 21-Thiaporphyrins and Their Use in the Construction of Unsymmetrical Covalent and Non-Covalent Porphyrin Arrays. <i>European Journal of Organic Chemistry</i> , 2004, 2004, 1693-1697.	2.4	22
28	Singlet-singlet energy transfer in carbazole-porphyrin dyads and triads. <i>Dyes and Pigments</i> , 2017, 144, 223-233.	3.7	22
29	Near infra-red dyes based on pyrene aza-BODIPYs. <i>New Journal of Chemistry</i> , 2018, 42, 5875-5888.	2.8	20
30	Donor-acceptor architectures of tetraphenylethene linked aza-BODIPYs: Synthesis, crystal structure, energy transfer and computational studies. <i>Dyes and Pigments</i> , 2020, 176, 108249.	3.7	19
31	Donor acceptor type ferrocene substituted aza-BODIPYs: Synthesis, optical and electrochemical studies. <i>Journal of Porphyrins and Phthalocyanines</i> , 2016, 20, 719-729.	0.8	17
32	meso-5-Bromo-10,15,20-tri(p-tolyl)-21-thiaporphyrin as a Precursor for the Synthesis of Novel Compounds. <i>European Journal of Organic Chemistry</i> , 2007, 2007, 1168-1175.	2.4	16
33	Synthesis and Anion-Binding Studies of Thiaphlorins and Covalently Linked Thiaphlorin-Porphyrin Dyads. <i>European Journal of Organic Chemistry</i> , 2008, 2008, 1884-1900.	2.4	16
34	Carbazole Substituted BODIPYs: Synthesis, Computational, Electrochemical and DSSC Studies. <i>Journal of Fluorescence</i> , 2017, 27, 2131-2144.	2.5	15
35	Synthesis, aggregation and photoinduced electron transfer processes of cationic water-soluble 21-thia and 21-oxaporphyrins. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2008, 193, 166-177.	3.9	14
36	Pd(II) porphyrins: Synthesis, singlet oxygen generation and photoassisted oxidation of aldehydes to carboxylic acids. <i>Inorganica Chimica Acta</i> , 2020, 502, 119339.	2.4	14

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37	BODIPY based red emitters: Synthesis, computational and biological studies. <i>Bioorganic Chemistry</i> , 2021, 106, 104467.	4.1	13
38	Design and synthesis of the BODIPY-BSA complex for biological applications. <i>Luminescence</i> , 2018, 33, 10-14.	2.9	12
39	Triphenylamine substituted dipyrinato metal complexes: Synthesis, optical and electrochemical studies. <i>Inorganic Chemistry Communication</i> , 2015, 60, 54-60.	3.9	11
40	Synthetic aspects of carbazole containing porphyrins and porphyrinoids. <i>Journal of Porphyrins and Phthalocyanines</i> , 2019, 23, 367-409.	0.8	11
41	Luminescent iridium( <i>iii</i> ) dipyrinato complexes: synthesis, X-ray structures, and DFT and photocytotoxicity studies of glycosylated derivatives. <i>Dalton Transactions</i> , 2022, 51, 3849-3863.	3.3	10
42	Synthesis, Photophysical Properties and Computational Studies of beta-Substituted Porphyrin Dyads. <i>Chemistry - an Asian Journal</i> , 2020, 15, 2015-2028.	3.3	8
43	Comparative photophysics of sapphyrin derivatives: effects of confused and fused pyrrole rings. <i>Journal of Porphyrins and Phthalocyanines</i> , 2011, 15, 858-864.	0.8	7
44	meso-Carbazole substituted palladium porphyrins: Efficient catalysts for visible light induced oxidation of aldehydes. <i>Journal of Porphyrins and Phthalocyanines</i> , 2021, 25, 571-581.	0.8	7
45	Difunctionalized N-Confused Porphyrins: Synthesis, Fluorescence, and Electrochemical Studies. <i>Australian Journal of Chemistry</i> , 2015, 68, 896.	0.9	6
46	BODIPY-peptide conjugate: Synthesis, photo-physical and cell viability studies. <i>Journal of Porphyrins and Phthalocyanines</i> , 2021, 25, 1230-1239.	0.8	5
47	Ferrocene and triphenylamine appended boranils. <i>Journal of Chemical Sciences</i> , 2018, 130, 1.	1.5	4
48	One-Flask Synthesis of Mono- and Trifunctionalized 21-Thia and 21-Oxaporphyrin Building Blocks and Their Application in the Synthesis of Covalent and Noncovalent Unsymmetrical Porphyrin Arrays.. <i>ChemInform</i> , 2005, 36, no.	0.0	0
49	Synthesis and biological studies of amphiphilic carbazole pyridinium conjugates. <i>Journal of Porphyrins and Phthalocyanines</i> , 2020, 24, 440-447.	0.8	0