Saad Makhseed

List of Publications by Year
in descending order

46 papers	2,407 citations	393982 19 h-index	264894 42 g-index
49 all docs	49 docs citations	49 times ranked	2888 citing authors

#	Article	IF	Citations
1	Polymers of intrinsic microporosity (PIMs): robust, solution-processable, organic nanoporous materials. Chemical Communications, 2004, , 230.	2.2	1,084
2	Polymers of Intrinsic Microporosity (PIMs): Bridging the Void between Microporous and Polymeric Materials. Chemistry - A European Journal, 2005, 11, 2610-2620.	1.7	461
3	Water-soluble non-aggregating zinc phthalocyanine and in vitro studies for photodynamic therapy. Chemical Communications, 2013, 49, 11149.	2.2	133
4	Hydrogen adsorption in microporous organic framework polymer. Chemical Communications, 2008, , 4342.	2.2	56
5	Evaluation of the Intramolecular Charge-Transfer Properties in Solvatochromic and Electrochromic Zinc Octa(carbazolyl)phthalocyanines. Inorganic Chemistry, 2017, 56, 11640-11653.	1.9	48
6	Phthalocyanines and Tetrapyrazinoporphyrazines with Two Cationic Donuts: High Photodynamic Activity as a Result of Rigid Spatial Arrangement of Peripheral Substituents. Journal of Medicinal Chemistry, 2017, 60, 6060-6076.	2.9	47
7	New highly soluble phenoxy-substituted phthalocyanine and azaphthalocyanine derivatives: Synthesis, photochemical and photophysical studies and atypical aggregation behavior. Dyes and Pigments, 2012, 95, 351-357.	2.0	40
8	Clathrate Formation from Octaazaphthalocyanines Possessing Bulky Phenoxyl Substituents: A New Cubic Crystal Containing Solventâ€Filled, Nanoscale Voids. Chemistry - A European Journal, 2008, 14, 4810-4815.	1.7	36
9	Synthesis, characterization and nonlinear optical properties of nonaggregating hexadeca-substituted phthalocyanines. Tetrahedron Letters, 2009, 50, 165-168.	0.7	32
10	Phthalimide based polymers of intrinsic microporosity. Polymer, 2012, 53, 2964-2972.	1.8	30
11	A synergetic and sensitive physostigmine pesticide sensor using copper complex of 3D zinc (II) phthalocyanine-SWCNT hybrid material. Biosensors and Bioelectronics, 2021, 174, 112819.	5.3	28
12	Heavy metal effects on physicochemical properties of non-aggregated azaphthalocyanine derivatives. Journal of Porphyrins and Phthalocyanines, 2012, 16, 817-825.	0.4	25
13	Microporous organic polymers incorporating dicarboximide units for H2 storage and remarkable CO2 capture. Journal of Materials Chemistry A, 2013, 1, 13004.	5.2	25
14	Suppressing dimer formation by increasing conformational freedom in multi-carbazole thermally activated delayed fluorescence emitters. Journal of Materials Chemistry C, 2021, 9, 189-198.	2.7	25
15	The synthesis and characterization of zincphthalocyanines bearing functionalized bulky phenoxy substituents. Dyes and Pigments, 2009, 82, 1-5.	2.0	24
16	Exceptionally effective generation of singlet oxygen in aqueous media via iodinated zinc-phthalocyanine. Dyes and Pigments, 2019, 164, 296-304.	2.0	24
17	Synthesis and characterization of non-aggregating octa-substituted azaphthalocyanines bearing bulky phenoxy substituents. Tetrahedron, 2008, 64, 8871-8877.	1.0	20
18	Tetra and octa(2,6-di-iso-propylphenoxy)-substituted phthalocyanines: a comparative study among their photophysicochemical properties. Journal of Porphyrins and Phthalocyanines, 2012, 16, 163-174.	0.4	20

#	Article	IF	Citations
19	Nonlinear optical responses of carbazole-substituted phthalocyanines conjugated to graphene quantum dots and in thin films. Journal of Luminescence, 2019, 213, 88-97.	1.5	20
20	Large ultrafast nonlinear optical response and excellent optical limiting behaviour in pyrene-conjugated zinc(II) phthalocyanines at a near-infrared wavelength. Dyes and Pigments, 2021, 184, 108787.	2.0	20
21	Inducing solid-state isolation of the phthalocyanine macrocycle by its incorporation within rigid, randomly shaped oligomers. Journal of Materials Chemistry, 2005, 15, 1865.	6.7	19
22	Synthesis and characterization of fluoropolymers with intrinsic microporosity and their hydrogen adsorption studies. Journal of Applied Polymer Science, 2008, 109, 2591-2597.	1.3	19
23	Carbazole-tagged pyridinic microporous network polymer for CO2 storage and organic dye removal from aqueous solution. Environmental Research, 2020, 182, 109001.	3.7	17
24	Biotinylated-cationic zinc(II) phthalocyanine towards photodynamic therapy. Journal of Porphyrins and Phthalocyanines, 2019, 23, 46-55.	0.4	16
25	Ultrafast Nonlinear Optical Characteristics of Pyrene-Conjugated Azaphthalocyanines with Optical Limiting Behavior. Journal of Physical Chemistry C, 2020, 124, 21740-21750.	1.5	15
26	Photophysical and theoretical studies of peripherally halogenated octaphenoxyphthalocyanines. RSC Advances, 2015, 5, 58854-58864.	1.7	14
27	Dual-directional alkyne-terminated macrocycles: Enroute to non-aggregating molecular platforms. Organic Chemistry Frontiers, 2019, 6, 3192-3204.	2.3	14
28	Spectroscopic and TDDFT studies on the charge-transfer properties of metallated Octa(carbazolyl)phthalocyanines. Dyes and Pigments, 2019, 170, 107593.	2.0	13
29	Pushâ€“Pull Zinc Phthalocyanine Bearing Hexa-Tertiary Substituted Carbazolyl Donor Groups for Dye-Sensitized Solar Cells. Molecules, 2020, 25, 1692.	1.7	11
30	Imide-linked microporous organic framework polymers for CO2 adsorption. Polymer, 2015, 74, 144-149.	1.8	8
31	Hydroxyl-functionalized microporous polymer for enhanced CO2 uptake and efficient super-capacitor energy storage. Reactive and Functional Polymers, 2020, 154, 104670.	2.0	8
32	Photo-physicochemical properties of water-soluble non-aggregated indium(III) phthalocyanines. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2020, 234, 118244.	2.0	7
33	Nonlinear optical characteristics of non-covalently functionalised graphene-pyrene-conjugated phthalocyanine hybrids. Dyes and Pigments, 2021, 196, 109794.	2.0	7
34	A highly sensitive â€œONâ€“OFFâ€“ONâ€•dual optical sensor for the detection of Cu(<scp>ii</scp>) ion and triazole pesticides based on novel BODIPY-substituted cavitand. Dalton Transactions, 2021, 50, 6437-6443.	1.6	7
35	Purple subphthalocyanineâ€phthalocyanine dyad: Synthesis, photophysicochemical properties and DFT study. Applied Organometallic Chemistry, 2020, 34, e5780.	1.7	4
36	Design and Synthesis of a Nanopolymer for CO2 Capture and Wastewater Treatment. Industrial & Engineering Chemistry Research, 2021, 60, 8664-8676.	1.8	4

#	Article	IF	Citations
37	Dually directional glycosylated phthalocyanines as extracellular red-emitting fluorescent probes. Dalton Transactions, 2020, 49, 9605-9617.	1.6	3
38	The synthesis of phthalocyanines containing both nitrile and non-peripheral alkyl or alkoxy side-chains. Journal of Porphyrins and Phthalocyanines, 2003, 07, 125-130.	0.4	2
39	Probing the performance of imide linked micro-porous polymers for enhanced CO₂ gas adsorption applications. New Journal of Chemistry, 2021, 45, 15487-15496.	1.4	2
40	Cover Picture: A Phthalocyanine Clathrate of Cubic Symmetry Containing Interconnected Solvent-Filled Voids of Nanometer Dimensions (Angew. Chem. Int. Ed. 46/2005). Angewandte Chemie - International Edition, 2005, 44, 7485-7485.	7.2	1
41	Multivalent Allyl-Substituted Macrocycles as Nonaggregating Building Blocks. Journal of Organic Chemistry, 2020, 85, 8055-8061.	1.7	1
42	Development of Uniform Porous Carbons From Polycarbazole Phthalonitriles as Durable CO2 Adsorbent and Supercapacitor Electrodes. Frontiers in Chemistry, 2022, 10, 879815.	1.8	1
43	Microporous Network Polymers Based on Cobaltphthalocyanines. Macromolecular Symposia, 2009, 277, 87-91.	0.4	0
44	Biotinylated-cationic zinc(II) phthalocyanine towards photodynamic therapy. , 2021, , 587-596.		0
45	Impact of phthalocyanine structure as photosensitizer for ZnO nanophotocatalyst under natural solar irradiation. Journal of Porphyrins and Phthalocyanines, 2021, 25, 202-209.	0.4	0
46	Influence of cationic, anionic or non-charged substituents on photodynamic activity of water-soluble zinc (aza)phthalocyanines. , 2019, , .		0