Saad Makhseed

List of Publications by Year
in descending order

46 papers	2,407 citations	394286 19 h-index	265120 42 g-index
49 all docs	49 docs citations	49 times ranked	2888 citing authors

#	Article	IF	Citations
1	Development of Uniform Porous Carbons From Polycarbazole Phthalonitriles as Durable CO2 Adsorbent and Supercapacitor Electrodes. Frontiers in Chemistry, 2022, 10, 879815.	1.8	1
2	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
3	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
4	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
5	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
6	Biotinylated-cationic zinc(II) phthalocyanine towards photodynamic therapy. , 2021, , 587-596.		0
7	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
8	Design and Synthesis of a Nanopolymer for CO2 Capture and Wastewater Treatment. Industrial & Engineering Chemistry Research, 2021, 60, 8664-8676.	1.8	4
9	Nonlinear optical characteristics of non-covalently functionalised graphene-pyrene-conjugated phthalocyanine hybrids. Dyes and Pigments, 2021, 196, 109794.	2.0	7
10	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
11	Carbazole-tagged pyridinic microporous network polymer for CO2 storage and organic dye removal from aqueous solution. Environmental Research, 2020, 182, 109001.	3.7	17
12	Ultrafast Nonlinear Optical Characteristics of Pyrene-Conjugated Azaphthalocyanines with Optical Limiting Behavior. Journal of Physical Chemistry C, 2020, 124, 21740-21750.	1.5	15
13	Purple subphthalocyanineâ€phthalocyanine dyad: Synthesis, photophysicochemical properties and DFT study. Applied Organometallic Chemistry, 2020, 34, e5780.	1.7	4
14	Multivalent Allyl-Substituted Macrocycles as Nonaggregating Building Blocks. Journal of Organic Chemistry, 2020, 85, 8055-8061.	1.7	1
15	Dually directional glycosylated phthalocyanines as extracellular red-emitting fluorescent probes. Dalton Transactions, 2020, 49, 9605-9617.	1.6	3
16	Hydroxyl-functionalized microporous polymer for enhanced CO2 uptake and efficient super-capacitor energy storage. Reactive and Functional Polymers, 2020, 154, 104670.	2.0	8
17	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
18	Pushâ€“Pull Zinc Phthalocyanine Bearing Hexa-Tertiary Substituted Carbazolyl Donor Groups for Dye-Sensitized Solar Cells. Molecules, 2020, 25, 1692.	1.7	11

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19	Dual-directional alkyne-terminated macrocycles: Enroute to non-aggregating molecular platforms. Organic Chemistry Frontiers, 2019, 6, 3192-3204.	2.3	14
20	Exceptionally effective generation of singlet oxygen in aqueous media via iodinated zinc-phthalocyanine. Dyes and Pigments, 2019, 164, 296-304.	2.0	24
21	Spectroscopic and TDDFT studies on the charge-transfer properties of metallated Octa(carbazolyl)phthalocyanines. Dyes and Pigments, 2019, 170, 107593.	2.0	13
22	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
23	Biotinylated-cationic zinc(II) phthalocyanine towards photodynamic therapy. Journal of Porphyrins and Phthalocyanines, 2019, 23, 46-55.	0.4	16
24	Influence of cationic, anionic or non-charged substituents on photodynamic activity of water-soluble zinc (aza)phthalocyanines. , 2019, , .		0
25	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
26	Evaluation of the Intramolecular Charge-Transfer Properties in Solvatochromic and Electrochromic Zinc Octa(carbazolyl)phthalocyanines. Inorganic Chemistry, 2017, 56, 11640-11653.	1.9	48
27	Imide-linked microporous organic framework polymers for CO2 adsorption. Polymer, 2015, 74, 144-149.	1.8	8
28	Photophysical and theoretical studies of peripherally halogenated octaphenoxyphthalocyanines. RSC Advances, 2015, 5, 58854-58864.	1.7	14
29	Microporous organic polymers incorporating dicarboximide units for H2 storage and remarkable CO2 capture. Journal of Materials Chemistry A, 2013, 1, 13004.	5.2	25
30	Water-soluble non-aggregating zinc phthalocyanine and in vitro studies for photodynamic therapy. Chemical Communications, 2013, 49, 11149.	2.2	133
31	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
32	Phthalimide based polymers of intrinsic microporosity. Polymer, 2012, 53, 2964-2972.	1.8	30
33	Heavy metal effects on physicochemical properties of non-aggregated azaphthalocyanine derivatives. Journal of Porphyrins and Phthalocyanines, 2012, 16, 817-825.	0.4	25
34	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
35	Microporous Network Polymers Based on Cobaltphthalocyanines. Macromolecular Symposia, 2009, 277, 87-91.	0.4	0
36	Synthesis, characterization and nonlinear optical properties of nonaggregating hexadeca-substituted phthalocyanines. Tetrahedron Letters, 2009, 50, 165-168.	0.7	32

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37	The synthesis and characterization of zincphthalocyanines bearing functionalized bulky phenoxy substituents. Dyes and Pigments, 2009, 82, 1-5.	2.0	24
38	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
39	Synthesis and characterization of non-aggregating octa-substituted azaphthalocyanines bearing bulky phenoxy substituents. Tetrahedron, 2008, 64, 8871-8877.	1.0	20
40	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
41	Hydrogen adsorption in microporous organic framework polymer. Chemical Communications, 2008, , 4342.	2.2	56
42	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
43	Polymers of Intrinsic Microporosity (PIMs): Bridging the Void between Microporous and Polymeric Materials. Chemistry - A European Journal, 2005, 11, 2610-2620.	1.7	461
44	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
45	Polymers of intrinsic microporosity (PIMs): robust, solution-processable, organic nanoporous materials. Chemical Communications, 2004, , 230.	2.2	1,084
46	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