Na'il Saleh

List of Publications by Year
in descending order

57 papers	1,557 citations	331670 21 h-index	315739 38 g-index
64 all docs	64 docs citations	64 times ranked	1892 citing authors

#	Article	IF	Citations
1	Activation and Stabilization of Drugs by Supramolecular pK_a Shifts: Drugâ€Delivery Applications Tailored for Cucurbiturils. Angewandte Chemie - International Edition, 2008, 47, 5398-5401.	13.8	238
2	Model for Photoinduced Bending of Slender Molecular Crystals. Journal of the American Chemical Society, 2014, 136, 2757-2766.	13.7	180
3	Supramolecular encapsulation of benzimidazole-derived drugs by cucurbit[7]uril. Canadian Journal of Chemistry, 2011, 89, 139-147.	1.1	133
4	Covalent organic nanosheets for bioimaging. Chemical Science, 2018, 9, 8382-8387.	7.4	84
5	Spectroscopic studies of ketoâ€“enol tautomeric equilibrium of azo dyes. RSC Advances, 2015, 5, 18097-18110.	3.6	83
6	Fluorescence turn on amine detection in a cationic covalent organic framework. Nature Communications, 2022, 13, .	12.8	50
7	Fluorescence Enhancement of Carbendazim Fungicide in Cucurbit[6]uril. Journal of Fluorescence, 2006, 16, 487-493.	2.5	48
8	Novel fluorescent pH sensor based on coumarin with piperazine and imidazole substituents. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2008, 71, 818-822.	3.9	46
9	Effect of cucurbit[n]urils on tropicamide and potential application in ocular drug delivery. Supramolecular Chemistry, 2011, 23, 650-656.	1.2	40
10	Luminescent sensor for Cd²⁺, Hg²⁺ and Ag⁺ in water based on a sulphurâ€containing receptor: quantitative bindingâ€“softness relationship. Luminescence, 2009, 24, 30-34.	2.9	37
11	Infra-Red Study of Tautomerism in Some Schiff Bases.. Spectroscopy Letters, 1997, 30, 1289-1300.	1.0	36
12	A coumarin-based fluorescent PET sensor utilizing supramolecular pKa shifts. Tetrahedron Letters, 2011, 52, 5249-5254.	1.4	33
13	Construction of BiOF/BiOI nanocomposites with tunable band gaps as efficient visible-light photocatalysts. Journal of Photochemistry and Photobiology A: Chemistry, 2019, 375, 30-39.	3.9	31
14	Redox-Responsive Viologen-Mediated Self-Assembly of CB[7]-Modified Patchy Particles. Langmuir, 2016, 32, 7144-7150.	3.5	30
15	A polyrotaxanated covalent organic network based on viologen and cucurbit[7]uril. Communications Chemistry, 2019, 2, .	4.5	29
16	Structural characterization of new Cd2+ fluorescent sensor based on lumazine ligand: AM1 and ab initio studies. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2007, 68, 728-733.	3.9	27
17	Viologenâ€Templated Arrays of Cucurbit[7]urilâ€Modified Ironâ€Oxide Nanoparticles. Chemistry - A European Journal, 2015, 21, 4607-4613.	3.3	24
18	Hostâ€“guest complexes of cucurbit[7]uril with albendazole in solid state. Journal of Thermal Analysis and Calorimetry, 2013, 111, 385-392.	3.6	23

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19	Cucurbiturils in Drug Delivery And For Biomedical Applications. Monographs in Supramolecular Chemistry, 2013, , 164-212.	0.2	23
20	Tuning protonation states of tripelennamine antihistamines by cucurbit[7]uril. Journal of Physical Organic Chemistry, 2016, 29, 101-106.	1.9	22
21	Antipathogenic effects of structurally-related Schiff base derivatives: Structureâ€“activity relationship. Arabian Journal of Chemistry, 2015, 8, 828-836.	4.9	21
22	Intermolecular interactions between cucurbit[7]uril and pilocarpine. International Journal of Pharmaceutics, 2014, 460, 53-62.	5.2	20
23	Enhancement of inÂvitro fungicidal activity of fuberidazole to Botrytis cinerea by cucurbiturils. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2014, 79, 301-309.	1.6	16
24	Pteridine-based fluorescent pH sensors designed for physiological applications. Journal of Photochemistry and Photobiology A: Chemistry, 2012, 247, 63-73.	3.9	14
25	Genotoxicity of structurally related copper and zinc containing Schiff base complexes. Drug and Chemical Toxicology, 2013, 36, 435-442.	2.3	14
26	Synthesis and spectroscopic properties of pyridones â€" Experimental and theoretical insight. Journal of Molecular Liquids, 2014, 193, 51-59.	4.9	14
27	Bioinspired Molecular Lantern: Tuning the Firefly Oxyluciferin Emission with Hostâ€“Guest Chemistry. Journal of Physical Chemistry B, 2016, 120, 7671-7680.	2.6	12
28	Mass Spectral Study of Tauotomerism in Some Schiff Bases. Spectroscopy Letters, 1998, 31, 1179-1189.	1.0	10
29	In vivocytogenetic studies on ratâ€™s bone-marrow cells of structurally related Schiff base complexes. Drug and Chemical Toxicology, 2011, 34, 92-99.	2.3	10
30	Effect of Molecular-Level Insulation on the Performance of a Dye-Sensitized Solar Cell: Fluorescence Studies in Solid State. Journal of Fluorescence, 2015, 25, 59-68.	2.5	10
31	Selective time-resolved binding of copper(ii) by pyropheophorbide-a methyl ester. Photochemical and Photobiological Sciences, 2010, 9, 649-654.	2.9	9
32	Host-guest complexes of imazalil with cucurbit[8]uril and Î²-cyclodextrin and their effect on plant pathogenic fungi. Scientific Reports, 2018, 8, 2839.	3.3	9
33	Alginate/Cucurbit[7]uril/Dequalinium-Based Supramolecular Carbohydrates: Modulation of FRET Signals by Temperature Control. Macromolecules, 2019, 52, 9023-9031.	4.8	9
34	Solubilization of Pyridone-Based Fluorescent Tag by Complexation in Cucurbit[7]uril. ACS Omega, 2019, 4, 953-960.	3.5	9
35	Inclusion as a driving force for the intramolecular charge transfer (ICT) fluorescence of p-(N,N-diphenylamino)benzoic acid methyl ester (DPABME) in Î±-cyclodextrin (Î±-CD) aqueous solution. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2008, 61, 361-365.	1.6	8
36	Determination of p-aminohippuric acid with Î²-cyclodextrin sensitized fluorescence spectrometry. RSC Advances, 2016, 6, 114296-114303.	3.6	8

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37	Dynamical Solvent Control of Electron Transfer in a Flexible, Tethered Donorâ^'Acceptor Pair. Journal of Physical Chemistry A, 2004, 108, 7139-7146.	2.5	7
38	Formation of Noncovalent Complexes between Complex Mixtures of Polycyclic Aromatic Hydrocarbons (Asphaltenes) and Substituted Aromatics Studied by Fluorescence Spectroscopy. Energy & Fuels, 2021, 35, 8742-8755.	5.1	7
39	Synthesis and photoluminescence enhancement of pure CdO: Annealing effect study. Journal of Luminescence, 2018, 198, 289-295.	3.1	6
40	Electron Transfer in a Flexible, Tethered Donorâ^'Acceptor Pair:Â The Influence of Solute Conformation on Solvent-Dependent Free Energies. Journal of Physical Chemistry A, 2004, 108, 3675-3687.	2.5	5
41	Sequestration Effect on the Open-Cyclic Switchable Property of Warfarin Induced by Cyclodextrin: Time-Resolved Fluorescence Study. Molecules, 2017, 22, 1326.	3.8	5
42	Enhanced Energy Conversion of Z907-Based Solar Cells by Cucurbit[7]uril Macrocycles. Frontiers in Chemistry, 2019, 7, 561.	3.6	5
43	ASnX₃â€"Better than Pbâ€based Perovskite. Nano Select, 2021, 2, 159-186.	3.7	5
44	Encapsulation of Cinnamic Acid by Cucurbit[7]uril for Enhancing Photoisomerization. Molecules, 2020, 25, 3702.	3.8	4
45	Magnetization in CNT induced by nitrogen doping and enhanced by transversal electric field application. Journal of Materials Science, 2022, 57, 9277-9298.	3.7	4
46	Time-resolved photoluminescence of 6-thienyl-lumazine fluorophores in cellulose acetate nanofibers for detection of mercury ions. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2019, 222, 117189.	3.9	3
47	pH-controlled preferential binding of cucurbit[7]uril-coated iron-oxide nanoparticles to 6-mercaptonicotinic acid for fluorescent detection of cadmium ions in the solid state. Mikrochimica Acta, 2020, 187, 386.	5.0	3
48	Benzimidazoleâ€"Piperazineâ€"Coumarin/Cucurbit[7]uril Supramolecular Photoinduced Electron Transfer Fluorochromes for Detection of Carnosol by Stimuli-Responsive Dye Displacement and pK_a Tuning. ACS Omega, 2022, 7, 2356-2363.	3.5	2
49	Tautomerism in substituted cyanopyridone: Ultrafast dynamics and TDDFT studies in water. Chemical Physics Letters, 2014, 600, 1-6.	2.6	1
50	Synthesis and characterization of hybrid organicâ€"inorganic nanocomposite for photocatalytic application. Applied Physics A: Materials Science and Processing, 2018, 124, 1.	2.3	1
51	Cucurbituril Ameliorates Liver Damage Induced by Microcystis aeruginosa in a Mouse Model. Frontiers in Chemistry, 2021, 9, 660927.	3.6	1
52	Efficient Fluorescent Detection of Mercuric Ions Based on 2-Thienyl benzimidazole/Cucurbit[7]uril Complexes. Current Chinese Science, 2022, 2, 89-96.	0.5	1
53	Bz-8HQ: a novel supramolecular fluorochrome exhibiting multiple stimuli-responsiveness. New Journal of Chemistry, 2021, 46, 385-397.	2.8	1
54	Photoinduced Electron Transfer in Encapsulated Heterocycles by Cavitands. Photochemistry and Photobiology, 2021, , .	2.5	1

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55	Viologen-Templated Arrays of Cucurbit[7]uril-Modified Iron Oxide Nanoparticles. Chemistry - A European Journal, 2015, 21, 4473-4473.	3.3	0
56	Investigation of Atomic Layer Futuristic Memory Devices of Binary Chalcogenides WX₂ (X) Tj ETQq0 0 0 rgBT /Overlock 10		0
57	Discovery of Natural Product Inspired 3-Phenyl-1H-isochromen-1-ones as Highly Potent Antioxidant and Antiplatelet Agents: Design, Synthesis, Biological Evaluation, SAR and in silico Studies. Current Pharmaceutical Design, 2021, 27, .	1.9	0