

# Sameh El Sayed

## List of Publications by Year in descending order

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papers

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docs citations

25  
times ranked

774  
citing authors

#	ARTICLE	IF	CITATIONS
1	Chromogenic Detection of Aqueous Formaldehyde Using Functionalized Silica Nanoparticles. ACS Applied Materials & Interfaces, 2016, 8, 14318-14322.	4.0	70
2	Highly Selective Fluorescence Detection of Hydrogen Sulfide by Using an Anthracene-Functionalized Cyclam-Cu <sup>II</sup> Complex. European Journal of Inorganic Chemistry, 2014, 2014, 41-45.	1.0	37
3	A simple and easy-to-prepare imidazole-based probe for the selective chromo-fluorogenic recognition of biothiols and Cu(II) in aqueous environments. Dyes and Pigments, 2019, 162, 303-308.	2.0	32
4	Chromogenic and Fluorogenic Probes for the Detection of Illicit Drugs. ChemistryOpen, 2018, 7, 401-428.	0.9	31
5	Highly selective and sensitive detection of glutathione using mesoporous silica nanoparticles capped with disulfide-containing oligo(ethylene glycol) chains. Organic and Biomolecular Chemistry, 2015, 13, 1017-1021.	1.5	30
6	A Chromogenic Probe for the Selective Recognition of Sarin and Soman Mimic DFP. ChemistryOpen, 2014, 3, 142-145.	0.9	28
7	Hexametaphosphate-Capped Silica Mesoporous Nanoparticles Containing Cu <sup>II</sup> Complexes for the Selective and Sensitive Optical Detection of Hydrogen Sulfide in Water. Chemistry - A European Journal, 2015, 21, 7002-7006.	1.7	26
8	Selective chromo-fluorogenic detection of trivalent cations in aqueous environments using a dehydration reaction. New Journal of Chemistry, 2016, 40, 9042-9045.	1.4	25
9	An Instantaneous and Highly Selective Chromofluorogenic Chemodosimeter for Fluoride Anion Detection in Pure Water. ChemistryOpen, 2013, 2, 58-62.	0.9	21
10	A surfactant-assisted probe for the chromo-fluorogenic selective recognition of GSH in water. Organic and Biomolecular Chemistry, 2014, 12, 1871.	1.5	21
11	Azide and sulfonylazide functionalized fluorophores for the selective and sensitive detection of hydrogen sulfide. Sensors and Actuators B: Chemical, 2015, 207, 987-994.	4.0	21
12	Capped Mesoporous Silica Nanoparticles for the Selective and Sensitive Detection of Cyanide. Chemistry - an Asian Journal, 2017, 12, 2670-2674.	1.7	21
13	Acetylcholinesterase-Capped Mesoporous Silica Nanoparticles That Open in the Presence of Diisopropylfluorophosphate (a Sarin or Soman Simulant). Organic Letters, 2016, 18, 5548-5551.	2.4	20
14	A new fluorescent "turn-on" chemodosimeter for the detection of hydrogen sulfide in water and living cells. RSC Advances, 2013, 3, 25690.	1.7	19
15	A Chemosensor Bearing Sulfonyl Azide Moieties for Selective Chromo-Fluorogenic Hydrogen Sulfide Recognition in Aqueous Media and in Living Cells. European Journal of Organic Chemistry, 2014, 2014, 1848-1854.	1.2	19
16	4-(4,5-Diphenyl-1H-imidazole-2-yl)-N,N-dimethylaniline-Cu(II) complex, a highly selective probe for glutathione sensing in water-acetonitrile mixtures. Dyes and Pigments, 2018, 159, 45-48.	2.0	15
17	<i>N,N</i> -Diphenylanilino-heterocyclic aldehyde-based chemosensors for UV-vis/NIR and fluorescence Cu(II) detection. New Journal of Chemistry, 2019, 43, 7393-7402.	1.4	14
18	Synthesis and evaluation of the chromo-fluorogenic recognition ability of imidazoquinoline derivatives toward ions. Dyes and Pigments, 2015, 122, 50-58.	2.0	12

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19	2,4,5-Triaryl imidazole probes for the selective chromo-fluorogenic detection of Cu(II). Prospective use of the Cu(II) complexes for the optical recognition of biothiols. Polyhedron, 2019, 170, 388-394.	1.0	10
20	2,4-dinitrophenyl ether-containing chemodosimeters for the selective and sensitive <i>in vitro</i> and <i>in vivo</i> detection of hydrogen sulfide. Supramolecular Chemistry, 2015, 27, 244-254.	1.5	9
21	Anions as Triggers in Controlled Release Protocols from Mesoporous Silica Nanoparticles Functionalized with Macrocyclic Copper(II) Complexes. Chemistry - A European Journal, 2016, 22, 13935-13945.	1.7	9
22	Selective and Sensitive Chromogenic Detection of Trivalent Metal Cations in Water. Bulletin of the Chemical Society of Japan, 2016, 89, 498-500.	2.0	8
23	Simple Endotoxin Detection Using Polymyxin-Gated Nanoparticles. Chemistry - A European Journal, 2019, 25, 3770-3774.	1.7	8
24	Acetylcholinesterase-capped Mesoporous Silica Nanoparticles Controlled by the Presence of Inhibitors. Chemistry - an Asian Journal, 2017, 12, 775-784.	1.7	7
25	Hydrogel gratings with patterned analyte responsive dyes for spectroscopic sensing. RSC Advances, 2021, 11, 40197-40204.	1.7	2