

Gohar Deilamy-Rad

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

429
citations

759233

12
h-index

713466

21
g-index

25
all docs

25
docs citations

25
times ranked

494
citing authors

#	ARTICLE	IF	CITATIONS
1	Preconcentration and speciation of Cr(III) and Cr(VI) in water and soil samples by spectrometric detection via use of nanosized alumina-coated magnetite solid phase. <i>Environmental Monitoring and Assessment</i> , 2013, 185, 7723-7738.	2.7	51
2	A novel development of dithizone as a dual-analyte colorimetric chemosensor: Detection and determination of cyanide and cobalt (II) ions in dimethyl sulfoxide/water media with biological applications. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2013, 125, 121-130.	3.8	39
3	Dithizone as novel and efficient chromogenic probe for cyanide detection in aqueous media through nucleophilic addition into diazenylthione moiety. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 121, 139-146.	3.9	39
4	A novel rapid synthesis of Fe ₂ O ₃ /graphene nanocomposite using ferrate(VI) and its application as a new kind of nanocomposite modified electrode as electrochemical sensor. <i>Materials Research Bulletin</i> , 2015, 70, 856-864.	5.2	29
5	A novel and simple fluorescent and colorimetric primary chemosensor based on Congo-Red for sulfite and resultant complex as secondary fluorescent chemosensor towards carbonate ions: Fluorescent probe mimicking INHIBIT logic gate. <i>Talanta</i> , 2016, 149, 168-177.	5.5	29
6	A novel dye-based colorimetric chemosensors for sequential detection of Cu ²⁺ and cysteine in aqueous solution. <i>Analytical Biochemistry</i> , 2019, 583, 113376.	2.4	29
7	A new application of bromopyrogallol red as a selective and sensitive competition assay for recognition and determination of acetate anion in DMSO/water media. <i>Dyes and Pigments</i> , 2012, 94, 541-547.	3.7	27
8	A novel cyanide-selective colorimetric and fluorescent chemosensor: First molecular security keypad lock based on phosphotungstic acid and CN ⁻ inputs. <i>Journal of Hazardous Materials</i> , 2014, 266, 189-197.	12.4	25
9	Colorimetric detection of copper and chloride in DMSO/H ₂ O media using bromopyrogallol red as a chemosensor with analytical applications. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2012, 97, 60-65.	3.9	22
10	An efficient and ultrasensitive rhodamine B-based reversible colorimetric chemosensor for naked-eye recognition of molybdenum and citrate ions in aqueous solution: Sensing behavior and logic operation. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 139, 253-261.	3.9	22
11	A new pincer-type "naked-eye" colorimetric probe for Cu ²⁺ determination in 80% water media and its application as a solid state sensor and an efficient antibacterial product. <i>Sensors and Actuators B: Chemical</i> , 2017, 244, 1121-1128.	7.8	19
12	Chemically modified multiwalled carbon nanotubes as efficient and selective sorbent for separation and preconcentration of trace amount of Co(II), Cd(II), Pb(II), and Pd(II). <i>Arabian Journal of Chemistry</i> , 2019, 12, 1487-1495.	4.9	16
13	An ultrasensitive and highly selective fluorescent and colorimetric chemosensor for citrate ions based on rhodamine B and its application as the first molecular security keypad lock based on phosphomolybdic acid and citrate inputs. <i>Journal of Luminescence</i> , 2015, 160, 328-336.	3.1	14
14	A novel and efficient colorimetric chemosensor for detection and determination of biologically important ions in DMSO/H ₂ O media using bromo pyrogallol red chemosensors with analytical applications. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2012, 115, 51-57.	3.8	11
15	Indigo Carmine-Cu complex probe exhibiting dual colorimetric/fluorimetric sensing for selective determination of mono hydrogen phosphate ion and its logic behavior. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017, 183, 319-331.	3.9	10
16	A selective detection of fluoride ions in DMSO by fluorescent and colorimetry competition assays based on 4-bromo-2,6-bis-(hydroxymethyl)phenol. <i>Chinese Chemical Letters</i> , 2011, 22, 193-196.	9.0	8
17	Reactive Blue 4 as a Single Colorimetric Chemosensor for Sequential Determination of Multiple Analytes with Different Optical Responses in Aqueous Media: Cu ²⁺ -Cysteine Using a Metal Ion Displacement and Cu ²⁺ -Arginine Through the Host-Guest Interaction. <i>Applied Biochemistry and Biotechnology</i> , 2019, 187, 913-937.	2.9	8
18	Development of a Reversible Indicator Displacement Assay Based on the 1-(2-Pyridylazo)-2-naphthol for Colorimetric Determination of Cysteine in Biological Samples and Its Application to Constructing the Paper Test Strips and a Molecular-Scale Set/Reset Memorized Device. <i>Applied Biochemistry and Biotechnology</i> , 2020, 192, 85-102.	2.9	8

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19	Development of a New Colorimetric Chemosensor for Selective Determination of Urinary and Vegetable Oxalate Concentration Through an Indicator-Displacement Assay (IDA) in Aqueous Media. <i>Food Technology and Biotechnology</i> , 2018, 56, 329-336.	2.1	6
20	Dye/metal ion-based chemosensing ensemble towards l-histidine and l-lysine determination in water via different optical responses. <i>Analytical Biochemistry</i> , 2020, 604, 113811.	2.4	6
21	A novel sensitive and fast colorimetric assay for determination of benzidine as a carcinogen aromatic amine based on Bromopyrogallol red. <i>International Journal of Environmental Analytical Chemistry</i> , 2020, 100, 662-674.	3.3	3
22	A novel colorimetric chemosensor for selective and highly sensitive determination of thiourea: An approach toward a molecular keypad lock. <i>Journal of the Chinese Chemical Society</i> , 2021, 68, 1279-1290.	1.4	3
23	A novel design of multiple ligands for ultrasensitive colorimetric chemosensor of glutathione in plasma sample. <i>Analytical Biochemistry</i> , 2022, 637, 114475.	2.4	3
24	Bismuth triggered selective colorimetric naked-eye detection for oxalate ions based on bromopyrogallol red that works as a molecular keypad lock. <i>International Journal of Environmental Analytical Chemistry</i> , 2021, 101, 648-667.	3.3	1
25	A developed chromogenic probe for determination of dual analyte with logic gates function and keypad-lock. <i>International Journal of Environmental Analytical Chemistry</i> , 2021, 101, 433-449.	3.3	1