

Sheta M Sheta

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

589
citations

623188

14
h-index

610482

24
g-index

26
all docs

26
docs citations

26
times ranked

511
citing authors

#	ARTICLE	IF	CITATIONS
1	Nucleic acids biosensors based on metal-organic framework (MOF): Paving the way to clinical laboratory diagnosis. <i>Biosensors and Bioelectronics</i> , 2019, 141, 111451.	5.3	90
2	Simple synthesis of novel copper metal-organic framework nanoparticles: biosensing and biological applications. <i>Dalton Transactions</i> , 2018, 47, 4847-4855.	1.6	67
3	A novel nano-size lanthanum metal-organic framework based on 5-aminoisophthalic acid and phenylenediamine: Photoluminescence study and sensing applications. <i>Applied Organometallic Chemistry</i> , 2019, 33, e4777.	1.7	43
4	A novel HCV electrochemical biosensor based on a polyaniline@Ni-MOF nanocomposite. <i>Dalton Transactions</i> , 2020, 49, 8918-8926.	1.6	43
5	A novel Ag/Zn bimetallic MOF as a superior sensitive biosensing platform for HCV-RNA electrochemical detection. <i>Applied Surface Science</i> , 2021, 562, 150202.	3.1	36
6	A novel cerium(III)-isatin Schiff base complex: spectrofluorometric and DFT studies and application as a kidney biomarker for ultrasensitive detection of human creatinine. <i>RSC Advances</i> , 2020, 10, 5853-5863.	1.7	33
7	A novel optical approach for determination of prolactin based on Pr-MOF nanofibers. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 1339-1349.	1.9	32
8	Promising photoluminescence optical approach for triiodothyronine hormone determination based on smart copper metal-organic framework nanoparticles. <i>Applied Organometallic Chemistry</i> , 2019, 33, e5069.	1.7	27
9	Novel advanced nanomaterial based on ferrous metal-organic framework and its application as chemosensors for mercury in environmental and biological samples. <i>Analytical and Bioanalytical Chemistry</i> , 2020, 412, 3153-3165.	1.9	25
10	A novel, fast, high sensitivity biosensor for supporting therapeutic decisions and onset actions for chest pain cases. <i>RSC Advances</i> , 2019, 9, 20463-20471.	1.7	24
11	A novel biosensor for early diagnosis of liver cancer cases using smart nano-magnetic metal-organic framework. <i>Applied Organometallic Chemistry</i> , 2019, 33, e5249.	1.7	24
12	Dual Naked-Eye and Optical Chemosensor for Morphine Detection in Biological Real Samples Based on Cr(III) Metal-Organic Framework Nanoparticles. <i>ACS Omega</i> , 2020, 5, 28296-28304.	1.6	24
13	New approach in SARS-CoV-2 surveillance using biosensor technology: a review. <i>Environmental Science and Pollution Research</i> , 2022, 29, 1677-1695.	2.7	22
14	A Fast and Simple Method for Determination of Testosterone Hormone in Biological Fluids Based on a New Eu(III) Complex Optical Sensor. <i>Sensor Letters</i> , 2017, 15, 977-981.	0.4	16
15	Ultrafast conversion of carcinogenic 4-nitrophenol into 4-aminophenol in the dark catalyzed by surface interaction on BiPO ₄ /g-C ₃ N ₄ nanostructures in the presence of NaBH ₄ . <i>RSC Advances</i> , 2021, 11, 18797-18808.	1.7	14
16	Manganese Metal-Organic Framework: Chemical Stability, Photoluminescence Studies, and Biosensing Application. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2021, 31, 1726-1737.	1.9	13
17	A novel Iron(III)-based MOF: Synthesis, characterization, biological, and antimicrobial activity study. <i>Journal of Materials Research</i> , 2022, 37, 2356-2367.	1.2	13
18	A novel nano copper complex: potentiometry, DFT and application as a cancer prostatic biomarker for the ultrasensitive detection of human PSA. <i>Dalton Transactions</i> , 2020, 49, 15769-15778.	1.6	12

#	ARTICLE	IF	CITATIONS
19	Nanomaterials and metal-organic frameworks for biosensing applications of mutations of the emerging viruses. <i>Analytical Biochemistry</i> , 2022, 648, 114680.	1.1	11
20	New Optical Sensor for Determination of Hydrochlorothiazide in Pharmaceutical Preparation and Biological Fluids. <i>Sensor Letters</i> , 2017, 15, 525-530.	0.4	7
21	A novel nano-lanthanum complex: synthesis, characterization and application as a macrofuran chemosensor in pharmaceutical, biological and environmental samples. <i>RSC Advances</i> , 2021, 11, 9675-9681.	1.7	5
22	A novel strontium-based MOF: synthesis, characterization, and promising application in removal of ¹⁵²⁺¹⁵⁴ Eu from active waste. <i>RSC Advances</i> , 2022, 12, 13103-13110.	1.7	5
23	New PVC Membrane Sensors for Microdetermination of Triamterene in Different Samples. <i>Sensor Letters</i> , 2017, 15, 632-638.	0.4	2