

# Sheta M Sheta

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

21  
papers

338  
citations

12  
h-index

18  
g-index

26  
ext. papers

455  
ext. citations

3.7  
avg, IF

4.46  
L-index

#	Paper	IF	Citations
21	Nanomaterials and metal-organic frameworks for biosensing applications of mutations of the emerging viruses.. <i>Analytical Biochemistry</i> , <b>2022</b> , 114680	3.1	0
20	A novel strontium-based MOF: synthesis, characterization, and promising application in removal of Eu from active waste.. <i>RSC Advances</i> , <b>2022</b> , 12, 13103-13110	3.7	0
19	New approach in SARS-CoV-2 surveillance using biosensor technology: a review. <i>Environmental Science and Pollution Research</i> , <b>2021</b> , 29, 1677	5.1	5
18	Ultrafast conversion of carcinogenic 4-nitrophenol into 4-aminophenol in the dark catalyzed by surface interaction on BiPO/g-CN nanostructures in the presence of NaBH <sub>4</sub> .. <i>RSC Advances</i> , <b>2021</b> , 11, 18797-18808	3.7	5
17	A novel nano-lanthanum complex: synthesis, characterization and application as a macrofuran chemosensor in pharmaceutical, biological and environmental samples.. <i>RSC Advances</i> , <b>2021</b> , 11, 9675-9681	3.7	2
16	A novel Ag/Zn bimetallic MOF as a superior sensitive biosensing platform for HCV-RNA electrochemical detection. <i>Applied Surface Science</i> , <b>2021</b> , 562, 150202	6.7	9
15	Manganese Metal-Organic Framework: Chemical Stability, Photoluminescence Studies, and Biosensing Application. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , <b>2021</b> , 31, 1726-1737	3.2	8
14	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> , <b>2020</b> , 49, 15769-15778	4.3	6
13	A novel HCV electrochemical biosensor based on a polyaniline@Ni-MOF nanocomposite. <i>Dalton Transactions</i> , <b>2020</b> , 49, 8918-8926	4.3	25
12	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> , <b>2020</b> , 412, 3153-3165	4.4	16
11	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> , <b>2020</b> , 10, 5853-5863	3.7	19
10	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> , <b>2020</b> , 5, 28296-28304	3.9	14
9	Promising photoluminescence optical approach for triiodothyronine hormone determination based on smart copper metal-organic framework nanoparticles. <i>Applied Organometallic Chemistry</i> , <b>2019</b> , 33, e5069	3.1	15
8	Nucleic acids biosensors based on metal-organic framework (MOF): Paving the way to clinical laboratory diagnosis. <i>Biosensors and Bioelectronics</i> , <b>2019</b> , 141, 111451	11.8	63
7	A novel optical approach for determination of prolactin based on Pr-MOF nanofibers. <i>Analytical and Bioanalytical Chemistry</i> , <b>2019</b> , 411, 1339-1349	4.4	22
6	A novel, fast, high sensitivity biosensor for supporting therapeutic decisions and onset actions for chest pain cases.. <i>RSC Advances</i> , <b>2019</b> , 9, 20463-20471	3.7	17
5	A novel biosensor for early diagnosis of liver cancer cases using smart nano-magnetic metal-organic framework. <i>Applied Organometallic Chemistry</i> , <b>2019</b> , 33, e5249	3.1	16

4	A novel nano-size lanthanum metal-organic framework based on 5-amino-isophthalic acid and phenylenediamine: Photoluminescence study and sensing applications. <i>Applied Organometallic Chemistry</i> , <b>2019</b> , 33, e4777	3.1	35
3	Simple synthesis of novel copper metal-organic framework nanoparticles: biosensing and biological applications. <i>Dalton Transactions</i> , <b>2018</b> , 47, 4847-4855	4.3	41
2	New Optical Sensor for Determination of Hydrochlorothiazide in Pharmaceutical Preparation and Biological Fluids. <i>Sensor Letters</i> , <b>2017</b> , 15, 525-530	0.9	6
1	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> , <b>2017</b> , 15, 977-981	0.9	13