

Sameer Hussain

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

1,329
citations

361413

20
h-index

377865

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36
docs citations

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times ranked

1592
citing authors

#	ARTICLE	IF	CITATIONS
1	Preparation of lightweight daisy-like magnetic molecularly imprinted polymers via etching synergized template immobilization for enhanced rapid detection of trace 17β -estradiol. <i>Journal of Hazardous Materials</i> , 2022, 424, 127216.	12.4	9
2	Recent Developments in Artificial Super-Wettable Surfaces Based on Bioinspired Polymeric Materials for Biomedical Applications. <i>Polymers</i> , 2022, 14, 238.	4.5	14
3	Conjugated polymer nanoparticles and their nanohybrids as smart photoluminescent and photoresponsive material for biosensing, imaging, and theranostics. <i>Mikrochimica Acta</i> , 2022, 189, 83.	5.0	25
4	One-Step Synthesis of Sustainable Montmorillonite-Supported, Copper-Doped Magnetic Nanoparticles for Highly Specific Separation of His-Rich Proteins. <i>ACS Sustainable Chemistry and Engineering</i> , 2022, 10, 5341-5351.	6.7	8
5	AIE based luminescent porous materials as cutting-edge tool for environmental monitoring: State of the art advances and perspectives. <i>Coordination Chemistry Reviews</i> , 2022, 463, 214539.	18.8	40
6	Oligomer Sensor Nanoarchitectonics for Turn-On Fluorescence Detection of Cholesterol at the Nanomolar Level. <i>Molecules</i> , 2022, 27, 2856.	3.8	5
7	Aggregation and Binding-Directed FRET Modulation of Conjugated Polymer Materials for Selective and Point-of-Care Monitoring of Serum Albumins. <i>Analytical Chemistry</i> , 2022, 94, 10685-10694.	6.5	24
8	Novel {Cu ₄ } and {Cu ₄ Cd ₆ } clusters derived from flexible aminoalcohols: synthesis, characterization, crystal structures, and evaluation of anticancer properties. <i>Dalton Transactions</i> , 2021, 50, 11941-11953.	3.3	5
9	Layer-by-layer assembled magnetic molecularly imprinted nanoparticles for the highly specific recovery of luteolin from honeysuckle leaves. <i>Green Chemistry</i> , 2021, 23, 3623-3632.	9.0	18
10	Multiwall Carbon Nanotubes Non-covalently Functionalized by Porphyrin-Sn Networks for Protein Adsorption. <i>ACS Applied Nano Materials</i> , 2021, 4, 2345-2350.	5.0	9
11	Review Recent Advances of Signal Amplified Smart Conjugated Polymers for Optical Detection on Solid Support. <i>ECS Journal of Solid State Science and Technology</i> , 2021, 10, 037006.	1.8	13
12	Amphiphilic core-shell magnetic adsorbents for efficient removal and detection of phthalate esters. <i>Chemical Engineering Journal</i> , 2021, 423, 129817.	12.7	30
13	First Resonance Energy Transfer Mediated Rapid and Synergistic Discrimination of Bacteria over Fungi Using a Cationic Conjugated Glycopolymer. <i>ACS Applied Bio Materials</i> , 2020, 3, 20-28.	4.6	23
14	Two dimensional (2D) molecular frameworks for rapid and selective adsorption of hazardous aromatic dyes from aqueous phase. <i>Separation and Purification Technology</i> , 2020, 238, 116413.	7.9	81
15	A new antiferromagnetic Dy ₆ oxido-material as a multifunctional aqueous phase sensor for picric acid as well as Fe ³⁺ ions. <i>Materials Advances</i> , 2020, 1, 3518-3531.	5.4	2
16	Wireless Charging Electrochemiluminescence System for Ionic Channel Manipulation in Living Cells. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 24655-24661.	8.0	7
17	An Optoelectronic Device for Rapid Monitoring of Creatine Kinase Using Cationic Conjugated Polyelectrolyte. <i>Advanced Materials Technologies</i> , 2019, 4, 1900361.	5.8	15
18	Design of an Amphiphilic Perylene Diimide for Optical Recognition of Anticancer Drug through a Chirality-Induced Helical Structure. <i>Chemistry - A European Journal</i> , 2019, 25, 9834-9839.	3.3	10

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19	Conjugated Polymer-Based Photoelectrochemical Cytosensor with Turn-On Enable Signal for Sensitive Cell Detection. ACS Applied Materials & Interfaces, 2018, 10, 6618-6623.	8.0	52
20	Recent advances of conjugated polymer (CP) nanocomposite-based chemical sensors and their applications in food spoilage detection: A comprehensive review. Sensors and Actuators B: Chemical, 2018, 273, 1113-1138.	7.8	85
21	Anion-Exchange Induced Strong $\pi\text{-}\pi$ Interactions in Single Crystalline Naphthalene Diimide for Nitroexplosive Sensing: An Electronic Prototype for Visual on-Site Detection. ACS Applied Materials & Interfaces, 2016, 8, 25326-25336.	8.0	40
22	Inner Filter Effect Based Selective Detection of Nitroexplosive-Picric Acid in Aqueous Solution and Solid Support Using Conjugated Polymer. ACS Sensors, 2016, 1, 1070-1077.	7.8	147
23	FRET-assisted selective detection of flavins via cationic conjugated polyelectrolyte under physiological conditions. Journal of Materials Chemistry B, 2016, 4, 4439-4446.	5.8	24
24	Aggregation-Induced FRET via Polymer-Surfactant Complexation: A New Strategy for the Detection of Spermine. Analytical Chemistry, 2016, 88, 7358-7364.	6.5	62
25	Non-isothermal crystallization kinetics of sucrose palmitate reinforced poly(lactic acid) bionanocomposites. Polymer Bulletin, 2016, 73, 21-38.	3.3	13
26	Highly Precise Detection, Discrimination, and Removal of Anionic Surfactants over the Full pH Range via Cationic Conjugated Polymer: An Efficient Strategy to Facilitate Illicit-Drug Analysis. ACS Applied Materials & Interfaces, 2015, 7, 3189-3198.	8.0	45
27	One-pot synthesis of functionalized 4-hydroxy-3-thiomethylcoumarins: detection and discrimination of Co^{2+} and Ni^{2+} ions. RSC Advances, 2015, 5, 57749-57756.	3.6	13
28	An anionic conjugated polymer as a multi-action sensor for the sensitive detection of Cu^{2+} and PPI, real-time ALP assaying and cell imaging. Analyst, The, 2015, 140, 4388-4392.	3.5	39
29	Ultrasensitive detection of nitroexplosive picric acid via a conjugated polyelectrolyte in aqueous media and solid support. Chemical Communications, 2015, 51, 7207-7210.	4.1	128
30	Vapor phase sensing of ammonia at the sub-ppm level using a perylene diimide thin film device. Journal of Materials Chemistry C, 2015, 3, 10767-10774.	5.5	74
31	Influence of graphene on thermal degradation and crystallization kinetics behaviour of poly(lactic acid) Tj ETQq1 1 0.784314 rgBT/Overlo 2.4 28	2.4	28
32	Conjugated Polymer Nanoparticles for the Amplified Detection of Nitro-explosive Picric Acid on Multiple Platforms. ACS Applied Materials & Interfaces, 2015, 7, 26968-26976.	8.0	119
33	A rapid and sensitive detection of ferritin at a nanomolar level and disruption of amyloid β fibrils using fluorescent conjugated polymer. Polymer Chemistry, 2013, 4, 5096.	3.9	30
34	Thiazole-Containing Conjugated Polymer as a Visual and Fluorometric Sensor for Iodide and Mercury. ACS Applied Materials & Interfaces, 2013, 5, 2234-2240.	8.0	89