

Sameer Hussain

List of Publications by Year in descending order

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34
papers

1,329
citations

361413

20
h-index

377865

34
g-index

36
all docs

36
docs citations

36
times ranked

1592
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	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
5	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
6	Two dimensional (2D) molecular frameworks for rapid and selective adsorption of hazardous aromatic dyes from aqueous phase. Separation and Purification Technology, 2020, 238, 116413.	7.9	81
7	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
8	Aggregation-Induced FRET via Polymer-Surfactant Complexation: A New Strategy for the Detection of Spermine. Analytical Chemistry, 2016, 88, 7358-7364.	6.5	62
9	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
10	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
11	Anion-Exchange Induced Strong π - π 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
12	AIE based luminescent porous materials as cutting-edge tool for environmental monitoring: State of the art advances and perspectives. Coordination Chemistry Reviews, 2022, 463, 214539.	18.8	40
13	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
14	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
15	Amphiphilic core-shell magnetic adsorbents for efficient removal and detection of phthalate esters. Chemical Engineering Journal, 2021, 423, 129817.	12.7	30
16	Influence of graphene on thermal degradation and crystallization kinetics behaviour of poly(lactic acid) (PLA). Journal of Materials Chemistry B, 2016, 4, 4439-4446.	2.4	28
17	Conjugated polymer nanoparticles and their nanohybrids as smart photoluminescent and photoresponsive material for biosensing, imaging, and theranostics. Mikrochimica Acta, 2022, 189, 83.	5.0	25
18	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

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19	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
20	Förster 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
21	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
22	An Optoelectronic Device for Rapid Monitoring of Creatine Kinase Using Cationic Conjugated Polyelectrolyte. <i>Advanced Materials Technologies</i> , 2019, 4, 1900361.	5.8	15
23	Recent Developments in Artificial Super-Wettable Surfaces Based on Bioinspired Polymeric Materials for Biomedical Applications. <i>Polymers</i> , 2022, 14, 238.	4.5	14
24	One-pot synthesis of functionalized 4-hydroxy-3-thiomethylcoumarins: detection and discrimination of Co^{2+} and Ni^{2+} ions. <i>RSC Advances</i> , 2015, 5, 57749-57756.	3.6	13
25	Non-isothermal crystallization kinetics of sucrose palmitate reinforced poly(lactic acid) bionanocomposites. <i>Polymer Bulletin</i> , 2016, 73, 21-38.	3.3	13
26	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
27	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
28	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
29	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
30	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
31	Wireless Charging Electrochemiluminescence System for Ionic Channel Manipulation in Living Cells. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 24655-24661.	8.0	7
32	Novel $\{\text{Cu}_4\}$ and $\{\text{Cu}_4\text{Cd}_6\}$ 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
33	Oligomer Sensor Nanoarchitectonics for Turn-On Fluorescence Detection of Cholesterol at the Nanomolar Level. <i>Molecules</i> , 2022, 27, 2856.	3.8	5
34	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