

List of Publications by Citations

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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.

81 papers	1,034 citations	20 h-index	28 g-index
89 ext. papers	1,283 ext. citations	5.5 avg, IF	4.3 L-index

#	Paper	IF	Citations
81	A 2-D photonic crystal hydrogel for selective sensing of glucose. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 9559-9565	13	60
80	Nitrogen-Rich Energetic Dianionic Salts of 3, 4-Bis(1H-5- λ -tetrazolyl)furoxan with Excellent Thermal Stability. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2012 , 638, 392-400	1.3	48
79	Detection of organophosphorus compounds using a molecularly imprinted photonic crystal. <i>Biosensors and Bioelectronics</i> , 2012 , 32, 273-7	11.8	47
78	Molecularly imprinted hollow spheres for the solid phase extraction of estrogens. <i>Talanta</i> , 2015 , 140, 68-72	6.2	43
77	Colorimetric sensor arrays based on pattern recognition for the detection of nitroaromatic molecules. <i>Journal of Hazardous Materials</i> , 2017 , 326, 130-137	12.8	40
76	Cellulose photonic crystal film sensor for alcohols. <i>Sensors and Actuators B: Chemical</i> , 2015 , 220, 222-226	8.5	36
75	Fast screening of antibiotics in milk using a molecularly imprinted two-dimensional photonic crystal hydrogel sensor. <i>Analytica Chimica Acta</i> , 2019 , 1070, 97-103	6.6	35
74	Protein recognition by a surface imprinted colloidal array. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 7165-13	13	35
73	Visual detection of 2,4,6-trinitrotoluene by molecularly imprinted colloidal array photonic crystal. <i>Journal of Hazardous Materials</i> , 2016 , 316, 87-93	12.8	34
72	Molecular imprinted photonic crystal for sensing of biomolecules. <i>Molecular Imprinting</i> , 2016 , 4, 1-12		30
71	A molecularly imprinted colloidal array as a colorimetric sensor for label-free detection of p-nitrophenol. <i>Analytical Methods</i> , 2014 , 6, 831-837	3.2	27
70	A non-enzymatic urine glucose sensor with 2-D photonic crystal hydrogel. <i>Analytical and Bioanalytical Chemistry</i> , 2016 , 408, 8317-8323	4.4	27
69	Detection of nitrobenzene compounds in surface water by ion mobility spectrometry coupled with molecularly imprinted polymers. <i>Journal of Hazardous Materials</i> , 2014 , 280, 588-94	12.8	26
68	Two-dimensional inverse opal hydrogel for pH sensing. <i>Analyst, The</i> , 2014 , 139, 6192-6	5	25
67	Full-color mechanical sensor based on elastic nanocomposite hydrogels encapsulated three-dimensional colloidal arrays. <i>Sensors and Actuators B: Chemical</i> , 2016 , 234, 527-533	8.5	23
66	Molecularly Imprinted Polymers for the Sensing of Explosives and Chemical Warfare Agents. <i>Current Organic Chemistry</i> , 2015 , 19, 62-71	1.7	23
65	Liquid biopsy-based single-cell metabolic phenotyping of lung cancer patients for informative diagnostics. <i>Nature Communications</i> , 2019 , 10, 3856	17.4	21

64	Two-dimensional colloidal crystal heterostructures. <i>RSC Advances</i> , 2015 , 5, 18939-18944	3.7	21
63	Development of Molecularly Imprinted 2D Photonic Crystal Hydrogel Sensor for Detection of L-Kynurenine in Human Serum. <i>Talanta</i> , 2020 , 208, 120403	6.2	21
62	"Induced fit" recognition of proteins by surface imprinted silica with "soft" recognition sites. <i>Talanta</i> , 2012 , 99, 966-71	6.2	20
61	Dyeing and Functionalization of Wearable Silk Fibroin/Cellulose Composite by Nanocolloidal Array. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 39163-39170	9.5	18
60	Responsive photonic crystal for the sensing of environmental pollutants. <i>Trends in Environmental Analytical Chemistry</i> , 2014 , 3-4, 1-6	12	18
59	Removal of 2,4,6-Trinitrotoluene from Pink Water Using Molecularly-Imprinted Absorbent. <i>Propellants, Explosives, Pyrotechnics</i> , 2012 , 37, 100-106	1.7	18
58	Glycated albumin based photonic crystal sensors for detection of lipopolysaccharides and discrimination of Gram-negative bacteria. <i>Analytica Chimica Acta</i> , 2020 , 1117, 1-8	6.6	15
57	Synthesis and Characterization of a Thermally and Hydrolytically Stable Energetic Material based on N-Nitrourea. <i>Propellants, Explosives, Pyrotechnics</i> , 2014 , 39, 662-669	1.7	15
56	Molecularly imprinted hollow sphere array for the sensing of proteins. <i>Journal of Biophotonics</i> , 2015 , 8, 838-45	3.1	14
55	EXTRACTION OF SHIKIMIC ACID FROM CHINESE STAR ANISE USING FLASH COLUMN CHROMATOGRAPHY ON A MOLECULARLY-IMPRINTED POLYMER COLUMN. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2013 , 36, 2677-2686	1.3	14
54	Acetylcholinesterase-functionalized two-dimensional photonic crystal for the sensing of G-series nerve agents. <i>Analytical and Bioanalytical Chemistry</i> , 2019 , 411, 2577-2585	4.4	13
53	Recent advances in self-assemblies and sensing applications of colloidal photonic crystals. <i>Analytica Chimica Acta</i> , 2020 , 1123, 91-112	6.6	13
52	Functionalized photonic crystal for the sensing of Sarin agents. <i>Talanta</i> , 2016 , 159, 412-417	6.2	13
51	Solanesol extraction from tobacco leaves by Flash chromatography based on molecularly imprinted polymers. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2016 , 1020, 1-5	3.2	13
50	Acetylcholinesterase-functionalized two-dimensional photonic crystals for the detection of organophosphates.. <i>RSC Advances</i> , 2018 , 8, 29385-29391	3.7	13
49	Surface Immobilization of Redox-Labile Fluorescent Probes: Enabling Single-Cell Co-Profiling of Aerobic Glycolysis and Oncogenic Protein Signaling Activities. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 11554-11558	16.4	12
48	Simultaneous selective extraction of nitramine explosives using molecularly imprinted polymer hollow spheres from post blast samples. <i>New Journal of Chemistry</i> , 2017 , 41, 1129-1136	3.6	11
47	Solubility of 3,4-Bis(3-nitrofurazan-4-yl)furoxan in Common Solvents at Temperatures between 293.15 K and 313.15 K. <i>Journal of Chemical & Engineering Data</i> , 2013 , 58, 2677-2680	2.8	10

- 46 Clinical Evaluation of a Photonic Crystal Sensor for Glucose Monitoring in Urine. *ChemistrySelect*, **2019**, 4, 6547-6551 1.8 9
- 45 Detection of lysozyme in body fluid based on two-dimensional colloidal crystal sensor. *Microchemical Journal*, **2020**, 157, 105073 4.8 9
- 44 Self-assembly of a nano hydrogel colloidal array for the sensing of humidity.. *RSC Advances*, **2018**, 8, 9963-9969 3.9 9
- 43 Self-assembly of the polymer brush-grafted silica colloidal array for recognition of proteins. *Analytical and Bioanalytical Chemistry*, **2017**, 409, 5319-5326 4.4 9
- 42 Fabrication of an antibiotic-sensitive 2D-molecularly imprinted photonic crystal. *Analytical Methods*, **2019**, 11, 2875-2879 3.2 8
- 41 A Chemical Approach for Profiling Intracellular AKT Signaling Dynamics from Single Cells. *Journal of the American Chemical Society*, **2018**, 140, 13586-13589 16.4 8
- 40 Construction of a Sequenceable Protein Mimetic Peptide Library with a True 3D Diversifiable Chemical Space. *Journal of the American Chemical Society*, **2018**, 140, 14552-14556 16.4 8
- 39 Inhibiting Matrix Metalloproteinase-2 Activation by Perturbing Protein-Protein Interactions Using a Cyclic Peptide. *Journal of Medicinal Chemistry*, **2020**, 63, 6979-6990 8.3 7
- 38 Preparation of free-standing two-dimensional colloidal crystal arrays. *Colloid and Polymer Science*, **2016**, 294, 479-482 2.4 7
- 37 The Nitrolysis Mechanism of 3,7-Dinitro-1,3,5,7-tetraazabicyclo[3,3,1]nonane. *Propellants, Explosives, Pyrotechnics*, **2015**, 40, 645-651 1.7 7
- 36 Detection of p-Nitrophenol Using Molecularly Imprinted Colloidal Array. *Chinese Journal of Analytical Chemistry*, **2012**, 40, 218-223 1.6 7
- 35 Preparation and photocatalytic kinetics of nano-ZnO powders by precipitation stripping process. *Frontiers of Chemical Engineering in China*, **2008**, 2, 319-324 7
- 34 PREPARATION OF SURFACE-IMPRINTED SILICA USING METAL COORDINATION FOR THE SEPARATION OF PROTEINS. *Journal of Liquid Chromatography and Related Technologies*, **2013**, 36, 2196-2207 13.7 6
- 33 Determination of trichlorfon in samples of spicy vegetables using a molecularly imprinted solid-phase extraction technique. *Analytical Methods*, **2015**, 7, 2420-2424 3.2 6
- 32 Design of a Multispherical Cavity Carbon with In Situ Silica Modifications and Its Self-Humidification Application on Fuel Cell Anode Support. *Advanced Materials Interfaces*, **2018**, 5, 1800314 4.6 5
- 31 A Covalently Imprinted Photonic Crystal for Glucose Sensing. *Journal of Nanomaterials*, **2013**, 2013, 1-6 3.2 5
- 30 Investigation of the Solubility of 3,4-Diaminofurazan (DAF) and 3,3'-Diamino-4,4'-azoxyfurazan (DAAF) at Temperatures Between 293.15 K and 313.15 K. *Propellants, Explosives, Pyrotechnics*, **2016**, 41, 883-887 1.7 5
- 29 Application of molecularly imprinted polymers for the solid-phase extraction of hexanitrohexaazaisowurtzitane (CL-20) from soil samples. *Analytical Methods*, **2016**, 8, 4413-4420 3.2 5

28	Metal-Free Polymer-Based Affinity Medium for Selective Purification of His6-Tagged Proteins. <i>Biomacromolecules</i> , 2021 , 22, 1695-1705	6.9	5
27	Fluorescence imaging-based methods for single-cell protein analysis. <i>Analytical and Bioanalytical Chemistry</i> , 2019 , 411, 4339-4347	4.4	4
26	Colorimetric screening of nitramine explosives by molecularly imprinted photonic crystal array. <i>Microchemical Journal</i> , 2020 , 158, 105143	4.8	4
25	A biomass based photonic crystal made of Konjac tofu. <i>Chinese Chemical Letters</i> , 2021 , 32, 587-590	8.1	4
24	Selective Extraction of N-Heterocyclic Precursors of 1,3,5,7-Tetranitro-1,3,5,7-tetraazacyclooctane (HMX) Using Molecularly Imprinted Polymers. <i>Propellants, Explosives, Pyrotechnics</i> , 2013 , 38, 781-785	1.7	3
23	Rapid self-assembly preparation of p-nitrophenol-molecular imprinted photonic crystal sensors. <i>Microchemical Journal</i> , 2021 , 164, 105950	4.8	3
22	A cyclic peptide antenna ligand for enhancing terbium luminescence. <i>Analyst, The</i> , 2021 , 146, 3474-3481	5	3
21	Solubility of 3,7-Dinitro-1,3,5,7-tetraazabicyclo [3.3.1] Nonane in Ethanenitrile, Methanol, 1,1-Dichloroethane, Dimethyl Sulfoxide, Acetone, and Mixed Solvents. <i>Journal of Chemical & Engineering Data</i> , 2015 , 60, 1683-1687	2.8	2
20	Dimethyl sulfoxide infiltrated photonic crystals for gas sensing. <i>Microchemical Journal</i> , 2020 , 157, 105074	4.8	2
19	An efficient carbon catalyst supports with mesoporous graphene-like morphology. <i>Journal of Porous Materials</i> , 2018 , 25, 913-921	2.4	2
18	Interactions between acyclic CB[n]-type receptors and nitrated explosive materials. <i>Chemical Communications</i> , 2019 , 55, 10635-10638	5.8	2
17	Full-color natural rubber latex with a photonic nanostructure composite. <i>Chemical Communications</i> , 2020 , 56, 9604-9607	5.8	2
16	Recent Advances in Sensing Applications of Molecularly Imprinted Photonic Crystals. <i>Frontiers in Chemistry</i> , 2021 , 9, 665119	5	2
15	Single-Cell Profiling of Fatty Acid Uptake Using Surface-Immobilized Dendrimers. <i>Journal of the American Chemical Society</i> , 2021 , 143, 11191-11198	16.4	2
14	Separation of 1,3,5,7-tetranitro-1,3,5,7-tetraazacyclooctane and 1,3,5-trinitro-1,3,5-triazacyclohexane by molecularly imprinted solid-phase extraction. <i>Journal of Separation Science</i> , 2017 , 40, 1201-1208	3.4	1
13	Solubility of Azilsartan in Methanol, Ethanol, Acetonitrile, -Propanol, Isopropanol, Tetrahydrofuran, and Binary Solvent Mixtures between 293.15 and 333.15 K. <i>ACS Omega</i> , 2020 , 5, 6141-6145	3.9	1
12	Separation and identification of an impurity from the istradefylline intermediate.. <i>RSC Advances</i> , 2020 , 10, 14493-14499	3.7	1
11	Characterization of Hydrazinium 3,5-Dinitroamine-1,2,4-triazole. <i>Journal of Energetic Materials</i> , 2014 , 32, S60-S70	1.6	1

10	Understanding the relationships between molecule structure and imprinting effect of two acetyl-nitrogen heterocyclic compounds. <i>Journal of Molecular Recognition</i> , 2016 , 29, 260-5	2.6	1
9	Design, Synthesis, and Biological Activity Studies of Istradefylline Derivatives Based on Adenine as A Receptor Antagonists. <i>ACS Omega</i> , 2021 , 6, 4386-4394	3.9	1
8	Quantitative Detection of Components in Polymer-Bonded Explosives through Near-Infrared Spectroscopy with Partial Least Square Regression. <i>ACS Omega</i> , 2021 , 6, 23163-23169	3.9	1
7	Aptamer empowered hydrogels: Fabrication and bio-sensing applications. <i>Journal of Applied Polymer Science</i> ,	2.9	1
6	Investigation of Photostability of Istradefylline Aqueous Solution. <i>ChemistrySelect</i> , 2020 , 5, 2337-2341	1.8	0
5	Recent Advances in Preparation and Applications of 3D Transition Metal Oxides Semiconductor Photonic Crystal. <i>Advanced Photonics Research</i> , 2021 , 2, 2000191	1.9	0
4	Single-cell profiling of D-2-hydroxyglutarate using surface-immobilized resazurin analogs. <i>Biosensors and Bioelectronics</i> , 2021 , 190, 113368	11.8	0
3	Analysis of Polar Precursors of 1,3,5,7-Tetranitro-1,3,5,7-tetrazocine (HMX) Using Hydrophilic Interaction Chromatography. <i>Propellants, Explosives, Pyrotechnics</i> , 2015 , 40, 133-137	1.7	
2	Surface Immobilization of Redox-Labile Fluorescent Probes: Enabling Single-Cell Co-Profiling of Aerobic Glycolysis and Oncogenic Protein Signaling Activities. <i>Angewandte Chemie</i> , 2018 , 130, 11728-11732	3.6	
1	Real-Time Analysis of AKT Signaling Activities at Single-Cell Resolution Using Cyclic Peptide-Based Probes.. <i>Methods in Molecular Biology</i> , 2022 , 2394, 65-80	1.4	