Qi-Liang Deng

List of Publications by Year
in descending order

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Version: 2024-02-01

85 papers	2,141 citations	201674 27 h-index	243625 44 g-index
88 all docs	88 docs citations	88 times ranked	2427 citing authors

#	Article	IF	Citations
1	Organicâ"Inorganic Hybrid Silica Monolith Based Immobilized Trypsin Reactor with High Enzymatic Activity. Analytical Chemistry, 2008, 80, 2949-2956.	6.5	193
2	Highly sensitive fluorescent sensing for water based on poly(m-aminobenzoic acid). Chemical Communications, 2012, 48, 3009.	4.1	119
3	Upconversion fluorescence metal-organic frameworks thermo-sensitive imprinted polymer for enrichment and sensing protein. Biosensors and Bioelectronics, 2016, 79, 341-346.	10.1	108
4	Preparation and evaluation of molecularly imprinted ionic liquids polymer as sorbent for on-line solid-phase extraction of chlorsulfuron in environmental water samples. Journal of Chromatography A, 2011, 1218, 6271-6277.	3.7	94
5	Preparation of a new type of affinity materials combining metal coordination with molecular imprinting. Chemical Communications, 2011, 47, 3969.	4.1	87
6	Molecularly imprinted upconversion nanoparticles for highly selective and sensitive sensing of Cytochrome c. Biosensors and Bioelectronics, 2015, 74, 498-503.	10.1	72
7	Metalâ€"organic frameworks supported surfaceâ€"imprinted nanoparticles for the sensitive detection of metolcarb. Biosensors and Bioelectronics, 2016, 79, 359-363.	10.1	69
8	Facile synthesis of Fe3O4@TiO2â€"ZrO2 and its application in phosphopeptide enrichment. Journal of Materials Chemistry B, 2013, 1, 1947.	5.8	63
9	Preparation of protein imprinted materials by hierarchical imprinting techniques and application in selective depletion of albumin from human serum. Scientific Reports, 2014, 4, 5487.	3.3	55
10	Guanidinium functionalized superparamagnetic silica spheres for selective enrichment of phosphopeptides and intact phosphoproteins from complex mixtures. Journal of Materials Chemistry B, 2014, 2, 1048-1058.	5.8	53
11	Surface chemistry modified upconversion nanoparticles as fluorescent sensor array for discrimination of foodborne pathogenic bacteria. Journal of Nanobiotechnology, 2020, 18, 41.	9.1	48
12	Preparation, characterization and application of organicâ€"inorganic hybrid ractopamine multi-template molecularly imprinted capillary monolithic column. Analytica Chimica Acta, 2011, 692, 57-62.	5.4	47
13	Surfactant-Sensitized Covalent Organic Frameworks-Functionalized Lanthanide-Doped Nanocrystals: An Ultrasensitive Sensing Platform for Perfluorooctane Sulfonate. ACS Omega, 2019, 4, 15947-15955.	3.5	47
14	Simultaneous Sensing of Seven Pathogenic Bacteria by Guanidine-Functionalized Upconversion Fluorescent Nanoparticles. ACS Omega, 2019, 4, 8953-8959.	3.5	47
15	Ionic liquids monolithic columns for protein separation in capillary electrochromatography. Analytica Chimica Acta, 2013, 804, 313-320.	5.4	45
16	A novel ionic liquid monolithic column and its separation properties in capillary electrochromatography. Analytica Chimica Acta, 2012, 712, 1-8.	5.4	44
17	Protein imprinted ionic liquid polymer on the surface of multiwall carbon nanotubes with high binding capacity for lysozyme. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2014, 960, 239-246.	2.3	40
18	Covalent organic frameworks as a sensing platform for water in organic solvent over a broad concentration range. Analytica Chimica Acta, 2020, 1109, 114-121.	5.4	40

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19	A novel ionic liquid polymer material with high binding capacity for proteins. Journal of Materials Chemistry, 2012, 22, 3965.	6.7	39
20	A double responsive smart upconversion fluorescence sensing material for glycoprotein. Biosensors and Bioelectronics, 2016, 85, 596-602.	10.1	39
21	Highly selective and sensitive sensing of 2,4,6-trinitrophenol in beverages based on guanidine functionalized upconversion fluorescent nanoparticles. Sensors and Actuators B: Chemical, 2018, 255, 1422-1429.	7.8	38
22	(S)-Ibuprofen-imprinted polymers incorporating Î³-methacryloxypropyl-trimethoxysilane for CEC separation of ibuprofen enantiomers. Electrophoresis, 2006, 27, 4351-4358.	2.4	34
23	Macroporous molecularly imprinted monolithic polymer columns for protein recognition by liquid chromatography. Journal of Separation Science, 2010, 33, 2757-2761.	2.5	34
24	A Novel Poly(ionic liquid) Interface-Free Two-Dimensional Monolithic Material for the Separation of Multiple Types of Glycoproteins. ACS Applied Materials & Interfaces, 2015, 7, 20430-20437.	8.0	33
25	Facile preparation of organic-inorganic hybrid polymeric ionic liquid monolithic column with a one-pot process for protein separation in capillary electrochromatography. Analytical and Bioanalytical Chemistry, 2014, 406, 7175-7183.	3.7	31
26	One-step post-imprint modification achieve dual-function of glycoprotein fluorescent sensor by "Click Chemistry". Biosensors and Bioelectronics, 2017, 91, 756-761.	10.1	31
27	Modified carbon spheres as universal materials for adsorption of cationic harmful substances (paraquat and dyes) in water. Microporous and Mesoporous Materials, 2020, 297, 110040.	4.4	28
28	Carbon tubes from biomass with prominent adsorption performance for paraquat. Chemosphere, 2021, 262, 127797.	8.2	27
29	Highly selective capture of phosphopeptides using a nano titanium dioxideâ€“multiwalled carbon nanotube nanocomposite. Analytical Biochemistry, 2012, 423, 210-217.	2.4	26
30	Highly Selective Fluorescent Sensing of Proteins Based on a Fluorescent Molecularly Imprinted Nanosensor. Sensors, 2013, 13, 12994-13004.	3.8	26
31	Carbon Tube Clusters with Nanometer Walls Thickness, Micrometer Diameter from Biomass, and Its Adsorption Property as Bioadsorbent. ACS Sustainable Chemistry and Engineering, 2019, 7, 858-866.	6.7	26
32	Facile synthesis of graphene doped poly(ionic liquid) boronate affinity material for specific capture of glycoproteins. Journal of Materials Chemistry B, 2014, 2, 5229.	5.8	25
33	New benzotriazole-based Dâ€“Aâ€“D type solvatochromic dyes for water content detection in organic solvents. Dyes and Pigments, 2021, 195, 109667.	3.7	24
34	Molecularly imprinted polymers as tools for the screening of felodipine from dihydropyridine calcium antagonists by pressurized capillary electrochromatography. Analytical and Bioanalytical Chemistry, 2005, 382, 51-58.	3.7	23
35	Fingerprint Analysis of Ginkgo biloba Leaves and Related Health Foods by High-Performance Liquid Chromatography/Electrospray Ionization-Mass Spectrometry. Journal of AOAC INTERNATIONAL, 2010, 93, 1798-1805.	1.5	21
36	Molecularly imprinted macroporous monolithic materials for protein recognition. Chinese Chemical Letters, 2011, 22, 1351-1354.	9.0	21

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37	A triple-dimensional sensing chip for discrimination of eight antioxidants based on quantum dots and graphene. Biosensors and Bioelectronics, 2015, 74, 313-317.	10.1	19
38	Fluorometric determination of fipronil by integrating the advantages of molecularly imprinted silica and carbon quantum dots. Mikrochimica Acta, 2020, 187, 12.	5.0	18
39	Desirability of position 2, 2â€™-bipyridine group into COFs for the fluorescence sensing of Ni (II). Sensors and Actuators B: Chemical, 2021, 344, 130216.	7.8	17
40	High sensitivity analysis of water-soluble, cyanine dye labeled proteins by high-performance liquid chromatography with fluorescence detection. Analytica Chimica Acta, 2009, 640, 114-120.	5.4	16
41	Determination of metolcarb in food by capillary electrophoresis immunoassay with a laserâ€induced fluorescence detector. Electrophoresis, 2012, 33, 1471-1476.	2.4	15
42	Dummy molecularly imprinted silica materials for effective removal of aristolochic acid I from kaempfer dutchmanspipe root extract. Microchemical Journal, 2020, 152, 104463.	4.5	15
43	Fluorometric determination of tyramine by molecularly imprinted upconversion fluorescence test strip. Mikrochimica Acta, 2020, 187, 573.	5.0	15
44	Black Phosphorus Nanosheet Encapsulated by Zeolitic Imidazole Framework-8 for Tumor Multimodal Treatments. ACS Applied Materials & Interfaces, 2021, 13, 43855-43867.	8.0	15
45	Bifunctional supported ionic liquid-based smart films for dyes adsorption and photodegradation. Journal of Colloid and Interface Science, 2018, 530, 302-311.	9.4	14
46	In-situ preparation of molecularly imprinted fluorescent sensing test strips for on-site detection of tyramine in vinegar. Microchemical Journal, 2021, 160, 105638.	4.5	14
47	Preparation of novel anionic polymeric ionic liquid materials and their potential application to protein adsorption. Journal of Materials Chemistry B, 2017, 5, 6339-6347.	5.8	13
48	A novel C18 reversed phase organicâ€“silica hybrid cationic monolithic capillary column with an ionic liquid as an organic monomer via a â€œone-potâ€•approach for capillary electrochromatography. RSC Advances, 2014, 4, 15518-15525.	3.6	12
49	Capillary electrochromatography immunoassay for alpha-fetoprotein based on poly(guanidinium ionic) Tj ETQq1 1 0.784314 rgBT /Over	2.4	12
50	Bipyridine-linked three-dimensional covalent organic frameworks for fluorescence sensing of cobalt(II) at nanomole level. Mikrochimica Acta, 2021, 188, 167.	5.0	12
51	Molecularly Imprinted Polymer Monolithic Column Separation of Isomers and Analogues of Vanillin by Capillary Electrochromatography. Chinese Journal of Chemistry, 2006, 24, 442-444.	4.9	10
52	Synthesis of anionic ionic liquids@TpBd-(SO₃)₂ for the selective adsorption of cationic dyes with superior capacity. RSC Advances, 2020, 10, 5443-5453.	3.6	10
53	Thiolâ€Functionalized Covalent Organic Frameworks as Thermal History Indictor for Temperature and Time History Monitoring. Advanced Functional Materials, 2021, 31, 2104885.	14.9	10
54	Preparation of ionic liquid polymer materials and their recognition properties for proteins. RSC Advances, 2014, 4, 52147-52154.	3.6	9

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55	DETERMINATION OF GALLIUM BY SPECTROFLUORIMETRY USING ACID CHROME BLUE K. Analytical Letters, 2001, 34, 415-423.	1.8	8
56	Preparation and Evaluation of Lysozyme Molecularly Imprinted Polymer Film on the Surface of Multi-wall Carbon Nanotubes. Current Organic Chemistry, 2012, 16, 1461-1467.	1.6	8
57	Highly Sensitive Detection of Benzoyl Peroxide Based on Organoboron Fluorescent Conjugated Polymers. Polymers, 2019, 11, 1655.	4.5	8
58	Sensing of perfluorinated compounds using a functionalized tricolor upconversion nanoparticle based fluorescence sensor array. Environmental Science: Nano, 2020, 7, 3036-3046.	4.3	8
59	An Investigation of the Inclusion Complex of Î²-Cyclodextrin with 8-Nitro-Quinoline in the Solid State. Supramolecular Chemistry, 2006, 18, 7-11.	1.2	7
60	Poly(guanidinium ionic liquid)s particles as affinity platform for highly selective enrichment of phosphopeptides. RSC Advances, 2016, 6, 41707-41713.	3.6	7
61	Upconversion fluorescent nanoparticles based-sensor array for discrimination of the same variety red grape wines. RSC Advances, 2019, 9, 7349-7355.	3.6	7
62	High selectivity and sensitivity fluorescence sensing of melamine based on the combination of a fluorescent chemosensor and molecularly imprinted polymers. RSC Advances, 2015, 5, 94084-94090.	3.6	6
63	Fluorescence sensor based on molecularly imprinted polymers and coreâ€“shell upconversion nanoparticles@metalâ€“organic frameworks for detection of bovine serum albumin. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2022, 279, 121460.	3.9	6
64	Nâ€²-(4-Hydroxybenzylidene)isonicotinohydrazide. Acta Crystallographica Section E: Structure Reports Online, 2005, 61, o2545-o2546.	0.2	5
65	Synthesis of Magnetic Ferrocene-Containing Polymer with Photothermal Effects for Rapid Degradation of Methylene Blue. Polymers, 2021, 13, 558.	4.5	5
66	2â€²-(4-Methoxybenzylidene)isonicotinohydrazide monohydrate. Acta Crystallographica Section E: Structure Reports Online, 2005, 61, o3208-o3209.	0.2	3
67	4-[(3-Hydroxybenzylidene)amino]-1,5-dimethyl-2-phenyl-1H-pyrazol-3(2H)-one. Acta Crystallographica Section E: Structure Reports Online, 2005, 61, o3532-o3533.	0.2	3
68	Gram-scale synthesis of porous three-dimensional carbon nanosheets for high efficiency clean water production. Materials Research Letters, 2021, 9, 175-181.	8.7	3
69	Efficient Solar-Driven Water Purification Based on Biochar with Multi-Level Pore Bundle Structure for Preparation of Drinking Water. Foods, 2021, 10, 3087.	4.3	3
70	Metal-organic gel as a fluorescence sensing platform to trace copper(<scp>ii</scp>). Analytical Methods, 2021, 14, 52-57.	2.7	2
71	2-Hydroxy-3-methoxybenzaldehyde 2,4-dinitrophenylhydrazone dimethylformamide solvate. Acta Crystallographica Section E: Structure Reports Online, 2005, 61, o145-o146.	0.2	1
72	(Z)-3-[(2,4-Dinitrophenyl)hydrazono]-4,4,4-trifluoro-1-(2-thienyl)butan-1-one. Acta Crystallographica Section E: Structure Reports Online, 2005, 61, o534-o535.	0.2	1

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73	Nâ€²-(2,4-Dichlorobenzylidene)benzohydrazide. Acta Crystallographica Section E: Structure Reports Online, 2005, 61, o4316-o4317.	0.2	1
74	Catalytic Spectrophotometry Determination of Ultratrace Amounts of Silver with Solubilizing Effect of Nonionic Surfactant. Chinese Journal of Chemistry, 2010, 20, 39-44.	4.9	1
75	Adsorption properties of natural biomass tube clusters for dyes. Functional Materials Letters, 2019, 12, 1941001.	1.2	1
76	Preparation of poly(quaternary ammonium ionic liquid)s materials and their adsorption properties for proteins. Chinese Journal of Chromatography (Se Pu), 2016, 34, 545.	0.8	1
77	N-terminal epitope surface imprinted particles for high selective cytochrome c recognition prepared by reversible addition- fragmentation chain transfer strategy. Chemical Papers, 0, , 1.	2.2	1
78	Preparation of C-Terminal Epitope Imprinted Particles Via Reversible Addition-Fragmentation Chain Transfer Polymerization and Zn2+ Chelating Strategy: Selective Recognition of Cytochrome c. Chromatographia, 2022, 85, 743-754.	1.3	1
79	4-[(4-Hydroxy-3-methoxybenzylidene)amino]-1,5-dimethyl-2-phenylpyrazolidin-3-one. Acta Crystallographica Section E: Structure Reports Online, 2005, 61, o2322-o2323.	0.2	0
80	4-[(2-Hydroxy-3-methoxybenzylidene)amino]-1,5-dimethyl-2-phenyl-1H-pyrazol-3(2H)-one. Acta Crystallographica Section E: Structure Reports Online, 2005, 61, o3271-o3272.	0.2	0
81	4-[(4-Hydroxybenzylidene)amino]-1,5-dimethyl-2-phenyl-1H-pyrazol-3(2H)-one monohydrate. Acta Crystallographica Section E: Structure Reports Online, 2005, 61, o3534-o3535.	0.2	0
82	4-[2-(4-Formyl-2-methoxyphenoxy)ethoxy]-3-methoxybenzaldehyde. Acta Crystallographica Section E: Structure Reports Online, 2005, 61, o3741-o3742.	0.2	0
83	1-(Carbamoylmethyl)-5-oxopyrrolidin-3-yl acetate. Acta Crystallographica Section E: Structure Reports Online, 2006, 62, o478-o479.	0.2	0
84	Selective Optosensing of Aminoimidazo-Azaarenes (AIAs) by CdSe/ZnS Quantum Dots-embedded Molecularly Imprinted Silica Gel. Current Analytical Chemistry, 2021, 17, 1027-1036.	1.2	0
85	Preparation of poly(guanidinium ionic liquid)s materials and evaluation of their recognition properties for protein. Chinese Journal of Chromatography (Se Pu), 2016, 34, 456.	0.8	0