

# Yuzhi Wang

## List of Publications by Year in Descending Order

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**Version:** 2024-04-23

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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.

79  
papers

3,211  
citations

34  
h-index

54  
g-index

80  
ext. papers

3,720  
ext. citations

5.5  
avg, IF

5.51  
L-index

#	Paper	IF	Citations
79	Construction of ionic liquid-crosslinked magnetic surface-imprinted polymers for selective recognition of lysozyme. <i>Microchemical Journal</i> , <b>2022</b> , 179, 107522	4.8	1
78	Excellent performance separation of trypsin by novel ternary magnetic composite adsorbent based on betaine-urea- glycerol natural deep eutectic solvent modified MnFe <sub>2</sub> O <sub>4</sub> -MWCNTs. <i>Talanta</i> , <b>2022</b> , 248, 123566	6.2	1
77	Specific recognition of protein by deep eutectic solvent-based magnetic β-cyclodextrin molecularly imprinted polymer. <i>Mikrochimica Acta</i> , <b>2021</b> , 188, 232	5.8	5
76	Fabrication of a novel bio-sorbent based on magnetic β-cyclodextrin composites modified by polymeric deep eutectic solvent for the efficient separation of Ovalbumin. <i>Separation and Purification Technology</i> , <b>2021</b> , 264, 118422	8.3	5
75	Constructing a phase-controllable aqueous biphasic system by using deep eutectic solvent as adjuvant. <i>Separation and Purification Technology</i> , <b>2021</b> , 256, 117812	8.3	3
74	A novel "turn-off" fluorescence assay based on acid-copper nanoclusters in deep eutectic solvent micelles for co-aggregation inducing fluorescence enhancement and its application. <i>Talanta</i> , <b>2021</b> , 223, 121731	6.2	5
73	Fabrication of di-selective adsorption platform based on deep eutectic solvent stabilized magnetic polydopamine: Achieving di-selectivity conversion through adding CaCl <sub>2</sub> . <i>Chemical Engineering Journal</i> , <b>2021</b> , 421, 127815	14.7	2
72	A green deep eutectic solvent modified magnetic titanium dioxide nanoparticles for the solid-phase extraction of chymotrypsin. <i>Talanta</i> , <b>2021</b> , 230, 122341	6.2	4
71	Adsorption of pharmaceuticals and personal care products by deep eutectic solvents-regulated magnetic metal-organic framework adsorbents: Performance and mechanism. <i>Chemical Engineering Journal</i> , <b>2020</b> , 392, 124808	14.7	31
70	Aqueous biphasic systems formed by hydrophilic and hydrophobic deep eutectic solvents for the partitioning of dyes. <i>Talanta</i> , <b>2020</b> , 213, 120839	6.2	21
69	A deep eutectic solvent modified magnetic β-cyclodextrin particle for solid-phase extraction of trypsin. <i>Analytica Chimica Acta</i> , <b>2020</b> , 1137, 125-135	6.6	6
68	A new magnetic molecularly imprinted polymer based on deep eutectic solvents as functional monomer and cross-linker for specific recognition of bovine hemoglobin. <i>Analytica Chimica Acta</i> , <b>2020</b> , 1129, 49-59	6.6	19
67	Magnetic carbon nanotube modified with polymeric deep eutectic solvent for the solid phase extraction of bovine serum albumin. <i>Talanta</i> , <b>2020</b> , 206, 120215	6.2	17
66	Self-Healing Polymeric Hydrogel Formed by Metal-Ligand Coordination Assembly: Design, Fabrication, and Biomedical Applications. <i>Macromolecular Rapid Communications</i> , <b>2019</b> , 40, e1800837	4.8	106
65	Development of different deep eutectic solvent aqueous biphasic systems for the separation of proteins.. <i>RSC Advances</i> , <b>2019</b> , 9, 14116-14125	3.7	14
64	Development of deep eutectic solvent-based aqueous biphasic system for the extraction of lysozyme. <i>Talanta</i> , <b>2019</b> , 202, 1-10	6.2	22
63	First Investigation of the Micelles Forming in a Novel Deep Eutectic Solvents-Based Aqueous Micellar Two-Phase System: Partitioning of Cationic/Neutral/Anionic Pigments. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2019</b> , 7, 6078-6092	8.3	14

62	Ionic liquids skeleton typed magnetic core-shell molecularly imprinted polymers for the specific recognition of lysozyme. <i>Analytica Chimica Acta</i> , <b>2019</b> , 1081, 81-92	6.6	26
61	A composite prepared from MnO nanosheets and a deep eutectic solvent as an oxidase mimic for the colorimetric determination of DNA. <i>Mikrochimica Acta</i> , <b>2019</b> , 187, 7	5.8	7
60	A composite consisting of a deep eutectic solvent and dispersed magnetic metal-organic framework (type UiO-66-NH) for solid-phase extraction of RNA. <i>Mikrochimica Acta</i> , <b>2019</b> , 187, 58	5.8	14
59	Poly(deep eutectic solvent)-functionalized magnetic metal-organic framework composites coupled with solid-phase extraction for the selective separation of cationic dyes. <i>Analytica Chimica Acta</i> , <b>2019</b> , 1056, 47-61	6.6	40
58	Ionic liquid modified molybdenum disulfide and reduced graphene oxide magnetic nanocomposite for the magnetic separation of dye from aqueous solution. <i>Analytica Chimica Acta</i> , <b>2019</b> , 1054, 47-58	6.6	23
57	Fabrication of magnetic polymers based on deep eutectic solvent for separation of bovine hemoglobin via molecular imprinting technology. <i>Analytica Chimica Acta</i> , <b>2019</b> , 1048, 1-11	6.6	42
56	Preparation of ionic liquid modified magnetic metal-organic frameworks composites for the solid-phase extraction of $\beta$ -thymotrypsin. <i>Talanta</i> , <b>2018</b> , 182, 484-491	6.2	39
55	Preparation of magnetic molecularly imprinted polymers based on a deep eutectic solvent as the functional monomer for specific recognition of lysozyme. <i>Mikrochimica Acta</i> , <b>2018</b> , 185, 146	5.8	46
54	Aqueous biphasic systems formed by deep eutectic solvent and new-type salts for the high-performance extraction of pigments. <i>Talanta</i> , <b>2018</b> , 181, 210-216	6.2	31
53	A novel aqueous biphasic system formed by deep eutectic solvent and ionic liquid for DNA partitioning. <i>Talanta</i> , <b>2018</b> , 189, 467-479	6.2	38
52	Creating magnetic ionic liquid-molecularly imprinted polymers for selective extraction of lysozyme.. <i>RSC Advances</i> , <b>2018</b> , 8, 21850-21856	3.7	31
51	Magnetic solid-phase extraction for the removal of mercury from water with ternary hydrosulphonyl-based deep eutectic solvent modified magnetic graphene oxide. <i>Talanta</i> , <b>2018</b> , 188, 454-462	6.2	47
50	Aqueous biphasic systems containing PEG-based deep eutectic solvents for high-performance partitioning of RNA. <i>Talanta</i> , <b>2017</b> , 170, 266-274	6.2	51
49	A novel dianionic amino acid ionic liquid-coated PEG 4000 modified FeO nanocomposite for the magnetic solid-phase extraction of trypsin. <i>Talanta</i> , <b>2017</b> , 174, 139-147	6.2	26
48	Solid-phase extraction of DNA by using a composite prepared from multiwalled carbon nanotubes, chitosan, Fe <sub>3</sub> O <sub>4</sub> and a poly(ethylene glycol)-based deep eutectic solvent. <i>Mikrochimica Acta</i> , <b>2017</b> , 184, 4133-4140	5.8	20
47	Adsorption and specific recognition of DNA by using imprinted polymer layers grafted onto ionic liquid functionalized magnetic microspheres. <i>Mikrochimica Acta</i> , <b>2017</b> , 184, 4433-4441	5.8	19
46	The solid-phase extraction of $\beta$ -thymotrypsin based on a novel porous polymeric dianionic ionic liquid-coated magnetic material. <i>RSC Advances</i> , <b>2017</b> , 7, 53203-53209	3.7	7
45	Magnetic solid-phase extraction of protein by ionic liquid-coated Fe@graphene oxide. <i>Talanta</i> , <b>2016</b> , 160, 481-488	6.2	40

44	A novel poly(deep eutectic solvent)-based magnetic silica composite for solid-phase extraction of trypsin. <i>Analytica Chimica Acta</i> , <b>2016</b> , 946, 64-72	6.6	58
43	Ternary and binary deep eutectic solvents as a novel extraction medium for protein partitioning. <i>Analytical Methods</i> , <b>2016</b> , 8, 8196-8207	3.2	43
42	Development of green betaine-based deep eutectic solvent aqueous two-phase system for the extraction of protein. <i>Talanta</i> , <b>2016</b> , 152, 23-32	6.2	171
41	Ionic liquid-coated Fe <sub>3</sub> O <sub>4</sub> /APTES/graphene oxide nanocomposites: synthesis, characterization and evaluation in protein extraction processes. <i>RSC Advances</i> , <b>2016</b> , 6, 5718-5728	3.7	45
40	Magnetic solid-phase extraction of protein with deep eutectic solvent immobilized magnetic graphene oxide nanoparticles. <i>Talanta</i> , <b>2016</b> , 148, 153-62	6.2	75
39	Magnetic deep eutectic solvents molecularly imprinted polymers for the selective recognition and separation of protein. <i>Analytica Chimica Acta</i> , <b>2016</b> , 936, 168-78	6.6	101
38	High-performance of deep eutectic solvent based aqueous bi-phasic systems for the extraction of DNA. <i>RSC Advances</i> , <b>2016</b> , 6, 84406-84414	3.7	30
37	A novel polymeric ionic liquid-coated magnetic multiwalled carbon nanotubes for the solid-phase extraction of Cu, Zn-superoxide dismutase. <i>Analytica Chimica Acta</i> , <b>2016</b> , 939, 54-63	6.6	28
36	Magnetic-graphene based molecularly imprinted polymer nanocomposite for the recognition of bovine hemoglobin. <i>Talanta</i> , <b>2015</b> , 144, 411-9	6.2	39
35	Magnetic multiwall carbon nanotubes modified with dual hydroxy functional ionic liquid for the solid-phase extraction of protein. <i>Analyt, The</i> , <b>2015</b> , 140, 3474-83	5	26
34	The synthesis of imprinted polymers based on Fe <sub>3</sub> O <sub>4</sub> nanomaterials and the recognition of proteins. <i>Analytical Methods</i> , <b>2015</b> , 7, 10018-10025	3.2	9
33	Magnetic graphene oxide modified with choline chloride-based deep eutectic solvent for the solid-phase extraction of protein. <i>Analytica Chimica Acta</i> , <b>2015</b> , 877, 90-9	6.6	114
32	Chitosan nanoparticle carrier based on surface molecularly imprinted polymers for the recognition and separation of proteins. <i>RSC Advances</i> , <b>2015</b> , 5, 106197-106205	3.7	11
31	Preparation of magnetic chitosan and graphene oxide-functional guanidinium ionic liquid composite for the solid-phase extraction of protein. <i>Analytica Chimica Acta</i> , <b>2015</b> , 861, 36-46	6.6	84
30	A green deep eutectic solvent-based aqueous two-phase system for protein extracting. <i>Analytica Chimica Acta</i> , <b>2015</b> , 864, 9-20	6.6	180
29	Partition of proteins with extraction in aqueous two-phase system by hydroxyl ammonium-based ionic liquid. <i>Analytical Methods</i> , <b>2014</b> , 6, 4067-4076	3.2	37
28	Silica-based surface molecular imprinting for recognition and separation of lysozymes. <i>Analytical Methods</i> , <b>2014</b> , 6, 8584-8591	3.2	18
27	Magnetic solid-phase extraction of proteins based on hydroxy functional ionic liquid-modified magnetic nanoparticles. <i>Analytical Methods</i> , <b>2014</b> , 6, 8358-8367	3.2	23

26	Deep eutectic solvents as novel extraction media for protein partitioning. <i>Analyst, The</i> , <b>2014</b> , 139, 2565-73		153
25	Design of functional guanidinium ionic liquid aqueous two-phase systems for the efficient purification of protein. <i>Analytica Chimica Acta</i> , <b>2014</b> , 815, 22-32	6.6	68
24	Design of guanidinium ionic liquid based microwave-assisted extraction for the efficient extraction of Praeruptorin A from Radix peucedani. <i>Journal of Separation Science</i> , <b>2014</b> , 37, 3539-47	3.4	11
23	Thermosensitive molecularly imprinted hydrogel cross-linked with N-malely chitosan for the recognition and separation of BSA. <i>Journal of Separation Science</i> , <b>2014</b> , 37, 419-26	3.4	26
22	The preparation of magnetic molecularly imprinted nanoparticles for the recognition of bovine hemoglobin. <i>Talanta</i> , <b>2014</b> , 120, 376-85	6.2	42
21	Extraction of proteins with ionic liquid aqueous two-phase system based on guanidine ionic liquid. <i>Talanta</i> , <b>2013</b> , 116, 409-16	6.2	74
20	Extraction and separation of proteins by ionic liquid aqueous two-phase system. <i>Analyst, The</i> , <b>2013</b> , 138, 6445-53	5	54
19	Polydopamine-based molecular imprinting on silica-modified magnetic nanoparticles for recognition and separation of bovine hemoglobin. <i>Analyst, The</i> , <b>2013</b> , 138, 651-8	5	149
18	Choline-like ionic liquid-based aqueous two-phase extraction of selected proteins. <i>Analytical Methods</i> , <b>2013</b> , 5, 3395	3.2	22
17	Design and performance evaluation of ionic liquid-based microwave-assisted simultaneous extraction of kaempferol and quercetin from Chinese medicinal plants. <i>Analytical Methods</i> , <b>2013</b> , 5, 2593-2		9
16	Synthesis of modified chitosan-based molecularly imprinted polymers for adsorptive protein separation. <i>Analytical Methods</i> , <b>2013</b> , 5, 5471	3.2	16
15	Preparation of magnetic mixed-templates molecularly imprinted polymer for the separation of tetracycline antibiotics from egg and honey samples. <i>Analytical Methods</i> , <b>2012</b> , 4, 1005	3.2	28
14	Preparation of molecular imprinted polymers using bi-functional monomer and bi-crosslinker for solid-phase extraction of rutin. <i>Talanta</i> , <b>2012</b> , 93, 172-81	6.2	56
13	Application of ionic liquids in the microwave-assisted extraction of quercetin from Chinese herbal medicine. <i>Analytical Methods</i> , <b>2012</b> , 4, 1012	3.2	15
12	ILs-based microwave-assisted extraction coupled with aqueous two-phase for the extraction of useful compounds from Chinese medicine. <i>Analyst, The</i> , <b>2012</b> , 137, 4076-85	5	33
11	Bovine serum albumin recognition via thermosensitive molecular imprinted macroporous hydrogels prepared at two different temperatures. <i>Analytica Chimica Acta</i> , <b>2012</b> , 723, 45-53	6.6	57
10	Application of ionic liquids in the microwave-assisted extraction of podophyllotoxin from Chinese herbal medicine. <i>Analyst, The</i> , <b>2011</b> , 136, 2294-305	5	55
9	Development and characterization of molecularly imprinted polymer microspheres for the selective detection of in traditional Chinese medicines. <i>Analytical Methods</i> , <b>2011</b> , 3, 348-355	3.2	21

8	Molecularly imprinted polymer for solid-phase extraction of rutin in complicated traditional Chinese medicines. <i>Analyst, The</i> , <b>2011</b> , 136, 756-63	5	38
7	Screening and Identification of Antioxidant Components in the Extract of Puerariae radix Using HPLC Coupled with MS. <i>Food Analytical Methods</i> , <b>2011</b> , 4, 373-380	3-4	7
6	Development and characterization of molecularly imprinted polymers for the selective enrichment of podophyllotoxin from traditional Chinese medicines. <i>Analytica Chimica Acta</i> , <b>2011</b> , 695, 63-72	6.6	38
5	Identification of <i>Portulaca oleracea</i> L. from different sources using GC-MS and FT-IR spectroscopy. <i>Talanta</i> , <b>2010</b> , 81, 129-35	6.2	42
4	Ionic liquid-based microwave-assisted extraction of rutin from Chinese medicinal plants. <i>Talanta</i> , <b>2010</b> , 83, 582-90	6.2	121
3	Analysis of Flavonoids in <i>Portulaca oleracea</i> L. by UV-Vis Spectrophotometry with Comparative Study on Different Extraction Technologies. <i>Food Analytical Methods</i> , <b>2010</b> , 3, 90-97	3-4	131
2	Ultrasonically Assisted Extraction of Rutin from <i>Artemisia selengensis</i> Turcz: Comparison with Conventional Extraction Techniques. <i>Food Analytical Methods</i> , <b>2010</b> , 3, 261-268	3-4	17
1	Fingerprint profile of active components for <i>Andrographis paniculata</i> Nees by HPLC-DAD. <i>Sensing and Instrumentation for Food Quality and Safety</i> , <b>2009</b> , 3, 165-179		12