Chen Fan

List of Publications by Year in Descending Order

28 papers	584 citations	14 h-index	24 g-index
28 ext. papers	776 ext. citations	6.7 avg, IF	4.09 L-index

#	Paper	IF	Citations
28	New natural deep eutectic solvents based on aromatic organic acids. *Green Chemistry Letters and Reviews*, **2021**, 14, 723-729	4.7	0
27	A priori design of new natural deep eutectic solvent for lutein recovery from microalgae.. *Food Chemistry*, **2021**, 376, 131930	8.5	3
26	Why do ammonium salt/phenol-based deep eutectic solvents show low viscosity?. *Arabian Journal of Chemistry*, **2021**, 103512	5.9	
25	New deep eutectic solvent based superparamagnetic nanofluid for determination of perfluoroalkyl substances in edible oils. *Talanta*, **2021**, 228, 122214	6.2	5
24	Terpenoid-capric acid based natural deep eutectic solvent: Insight into the nature of low viscosity. *Cleaner Engineering and Technology*, **2021**, 3, 100116	2.7	5
23	Preparative separation of high-purity trans- and cis-ferulic acid from wheat bran by pH-zone-refining counter-current chromatography. *Journal of Chromatography A*, **2021**, 1636, 461772	4.5	2
22	A Theoretical Study on Terpene-Based Natural Deep Eutectic Solvent: Relationship between Viscosity and Hydrogen-Bonding Interactions. *Global Challenges*, **2021**, 5, 2000103	4.3	5
21	Ionic liquid-modified countercurrent chromatographic isolation of high-purity delphinidin-3-rutinoside from eggplant peel. *Journal of Food Science*, **2020**, 85, 1132-1139	3.4	3
20	A biphasic system based on guanidinium ionic liquid: Preparative separation of eicosapentaenoic acid ethyl ester and docosahexaenoic acid ethyl ester by countercurrent chromatography. *Journal of Chromatography A*, **2020**, 1618, 460872	4.5	5
19	Efficient separation of tocopherol homologues in vegetable oil by ionic-liquid-based countercurrent chromatography using a non-aqueous biphasic system. *Journal of Separation Science*, **2020**, 43, 970-977	3.4	1
18	Selective microextraction of polycyclic aromatic hydrocarbons using a hydrophobic deep eutectic solvent composed with an iron oxide-based nanoferrofluid. *Mikrochimica Acta*, **2019**, 186, 560	5.8	22
17	Effective tuning guanidinium ionic liquid as greener solvent for fast and sensitive determination of auxin herbicides. *Microchemical Journal*, **2019**, 144, 73-82	4.8	10
16	Preparation of kasugamycin conjugation based on ZnO quantum dots for improving its effective utilization. *Chemical Engineering Journal*, **2019**, 361, 671-679	14.7	18
15	Preparation and characterization of tebuconazole metal-organic framework-based microcapsules with dual-microbicidal activity. *Chemical Engineering Journal*, **2019**, 359, 225-232	14.7	46
14	Sustainable synthesis of HKUST-1 and its composite by biocompatible ionic liquid for enhancing visible-light photocatalytic performance. *Journal of Cleaner Production*, **2019**, 208, 353-362	10.3	31
13	Synthesis and application of imidazolium-based ionic liquids as extraction solvent for pretreatment of triazole fungicides in water samples. *Analytical and Bioanalytical Chemistry*, **2018**, 410, 1647-1656	4.4	16
12	Preparation and characterization of indole-3-butyric acid nanospheres for improving its stability and utilization. *Materials Science and Engineering C*, **2018**, 89, 175-181	8.3	6

11	Preparation of MSNs-Chitosan@Prochloraz Nanoparticles for Reducing Toxicity and Improving Release Properties of Prochloraz. *ACS Sustainable Chemistry and Engineering*, **2018**, 6, 10211-10220	8.3	55
10	Relationship between the Structure of Ionic Liquid and Its Enrichment Ability To Trace Fungicides from an Environmental Water Sample. *Journal of Agricultural and Food Chemistry*, **2018**, 66, 9418-9425	5.7	4
9	Developing ionic liquid forms of picloram with reduced negative effects on the aquatic environment. *Science of the Total Environment*, **2018**, 616-617, 128-134	10.2	29
8	Guanidinium ionic liquid-controlled synthesis of zeolitic imidazolate framework for improving its adsorption property. *Science of the Total Environment*, **2018**, 640-641, 163-173	10.2	16
7	Development of Novel Urease-Responsive Pendimethalin Microcapsules Using Silica-IPTS-PEI As Controlled Release Carrier Materials. *ACS Sustainable Chemistry and Engineering*, **2017**, 5, 4802-4810	8.3	62
6	In-situ ionic liquid dispersive liquid-liquid microextraction using a new anion-exchange reagent combined FeO magnetic nanoparticles for determination of pyrethroid pesticides in water samples. *Analytica Chimica Acta*, **2017**, 975, 20-29	6.6	52
5	Pectin-conjugated silica microcapsules as dual-responsive carriers for increasing the stability and antimicrobial efficacy of kasugamycin. *Carbohydrate Polymers*, **2017**, 172, 322-331	10.3	50
4	Ionic liquids based on bromoxynil for reducing adverse impacts on the environment and human health. *New Journal of Chemistry*, **2017**, 41, 8650-8655	3.6	24
3	Determination of Alternaria mycotoxins in wine and juice using ionic liquid modified countercurrent chromatography as a pretreatment method followed by high-performance liquid chromatography. *Journal of Chromatography A*, **2016**, 1436, 133-40	4.5	41
2	Determination of chlorophenols in red wine using ionic liquid countercurrent chromatography as a new pretreatment method followed by high-performance liquid chromatography. *Journal of Separation Science*, **2015**, 38, 2109-16	3.4	10
1	Determination of chlorophenols in honey samples using in-situ ionic liquid-dispersive liquid-liquid microextraction as a pretreatment method followed by high-performance liquid chromatography. *Food Chemistry*, **2015**, 174, 446-51	8.5	63