

# Baokun Tang

## List of Publications by Year in descending order

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35  
papers

1,624  
citations

516215

16  
h-index

395343

33  
g-index

35  
all docs

35  
docs citations

35  
times ranked

1993  
citing authors

#	ARTICLE	IF	CITATIONS
1	Increasing the greenness of an organic acid through deep eutectic solvation and further polymerisation. <i>Green Energy and Environment</i> , 2022, 7, 840-853.	4.7	10
2	Removal of trace DNA toxic compounds using a Poly(deep eutectic solvent)@Biomass based on multi-physical interactions. <i>Journal of Hazardous Materials</i> , 2021, 418, 126369.	6.5	6
3	Photoluminescence with an unusual open-loop and rigid delocalized conjugated structure in quantum dots. <i>Journal of Colloid and Interface Science</i> , 2021, 601, 385-396.	5.0	0
4	A choline chloride-acrylic acid deep eutectic solvent polymer based on Fe <sub>3</sub> O <sub>4</sub> particles and MoS <sub>2</sub> sheets (poly(ChCl-AA DES)@Fe <sub>3</sub> O <sub>4</sub> @MoS <sub>2</sub> ) with specific recognition and good antibacterial properties for $\beta$ -lactoglobulin in milk. <i>Talanta</i> , 2019, 197, 567-577.	2.9	48
5	Deep eutectic solvents functionalized polymers for easily and efficiently promoting biocatalysis. <i>Journal of Catalysis</i> , 2019, 374, 306-319.	3.1	27
6	Environmentally friendly and non-polluting solvent pretreatment of palm samples for polyphenol analysis using choline chloride deep eutectic solvents. <i>Journal of Chromatography A</i> , 2017, 1492, 1-11.	1.8	38
7	Exploration of a ternary deep eutectic solvent of methyltriphenylphosphonium bromide/chalcone/formic acid for the selective recognition of rutin and quercetin in <i>Herba Artemisiae Scopariae</i> . <i>Journal of Separation Science</i> , 2017, 40, 3248-3256.	1.3	19
8	Ternary choline chloride/caffeic acid/ethylene glycol deep eutectic solvent as both a monomer and template in a molecularly imprinted polymer. <i>Journal of Separation Science</i> , 2017, 40, 2286-2291.	1.3	29
9	Specific recognition of polyphenols by molecularly imprinted polymers based on a ternary deep eutectic solvent. <i>Journal of Chromatography A</i> , 2017, 1530, 23-34.	1.8	57
10	Exploration of deep eutectic solvent-based mesoporous silica spheres as high-performance size exclusion chromatography packing materials. <i>Journal of Applied Polymer Science</i> , 2015, 132, .	1.3	10
11	Exploration of Mesoporous Siliceous Particle-Based High-Performance Size Exclusion Chromatography for the Quantitation of Biomacromolecular Polysaccharides. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2015, 38, 774-780.	0.5	2
12	Application of deep eutectic solvents in the extraction and separation of target compounds from various samples. <i>Journal of Separation Science</i> , 2015, 38, 1053-1064.	1.3	377
13	Effects of $\beta$ -glucanase-Immobilized Silica on Hydrolysis of Polysaccharides in <i>Chamaecyparis obtusa</i> Residues. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2015, 38, 613-618.	0.5	2
14	Simultaneous Extraction of Flavonoids from <i>Chamaecyparis obtusa</i> Using Deep Eutectic Solvents as Additives of Conventional Extractions Solvents. <i>Journal of Chromatographic Science</i> , 2015, 53, 836-840.	0.7	41
15	Pretreatment of Biodiesel by Esterification of Palmitic Acid in Brønsted-Lowry Acid Based Deep Eutectic Solvents. <i>Analytical Letters</i> , 2014, 47, 2443-2450.	1.0	10
16	Deep Eutectic Solvent-Based HS-SME Coupled with GC for the Analysis of Bioactive Terpenoids in <i>Chamaecyparis obtusa</i> Leaves. <i>Chromatographia</i> , 2014, 77, 373-377.	0.7	84
17	Extraction of catechin compounds from green tea with a new green solvent. <i>Chemical Research in Chinese Universities</i> , 2014, 30, 37-41.	1.3	48
18	Determination of Terpenoids in <i>Chamaecyparis obtusa</i> Leaves by Headspace Single-Drop Microextraction with Gas Chromatography Detection. <i>Analytical Letters</i> , 2014, 47, 48-57.	1.0	3

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19	A Green Deep Eutectic Solvent-Based Ultrasound-Assisted Method to Extract Astaxanthin from Shrimp Byproducts. <i>Analytical Letters</i> , 2014, 47, 742-749.	1.0	53
20	Application of Deep Eutectic Solvents as Additives in Ultrasonic Extraction of Two Phenolic Acids from <i>Herba Artemisiae Scopariae</i> . <i>Analytical Letters</i> , 2014, 47, 1476-1484.	1.0	46
21	Polyhydroxy glucose functionalized silica for the dehydration of bio-ethanol distillate. <i>Bioprocess and Biosystems Engineering</i> , 2014, 37, 1417-1425.	1.7	2
22	Preparation of chlorocholine chloride/urea deep eutectic solvent-modified silica and an examination of the ion exchange properties of modified silica as a Lewis adduct. <i>Analytical and Bioanalytical Chemistry</i> , 2014, 406, 4309-4313.	1.9	28
23	Dehydration of Ethanol by Facile Synthesized Glucose-Based Silica. <i>Applied Biochemistry and Biotechnology</i> , 2013, 169, 1056-1068.	1.4	7
24	Recent developments in deep eutectic solvents in chemical sciences. <i>Monatshefte für Chemie</i> , 2013, 144, 1427-1454.	0.9	392
25	Development of Gas Chromatography Analysis of Fatty Acids in Marine Organisms. <i>Journal of Chromatographic Science</i> , 2013, 51, 599-607.	0.7	24
26	Dispersive Solid Phase Extraction with an Ionic Liquid Modified Polymer for Determination of Cyanazine and Atrazine in Tomatoes. <i>Analytical Letters</i> , 2013, 46, 2359-2371.	1.0	5
27	Using poly([1-vinyl-3-hexylimidazolium] [bis(trifluoromethylsulfonyl)imide]) to adsorb bio-ethanol from a <i>Chamaecyparis obtuse</i> leaves fermentation broth. <i>Bioresource Technology</i> , 2013, 137, 25-32.	4.8	10
28	DETERMINATION OF DIURETIC DRUGS IN HUMAN URINE USING DISPERSIVE LIQUID-LIQUID MICROEXTRACTION BY HIGH PERFORMANCE LIQUID CHROMATOGRAPHY. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2013, 36, 2069-2081.	0.5	2
29	Examination of 1-methylimidazole series ionic liquids in the extraction of flavonoids from <i>Chamaecyparis obtuse</i> leaves using a response surface methodology. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2013, 933, 8-14.	1.2	15
30	Solid-Phase Extraction Combined with Dispersive Liquid-Liquid Microextraction for the Determination of Three Benzimidazole Pesticides (Carbendazim, Thiabendazole, and Thiophanate-Methyl) in Tomatoes. <i>Analytical Letters</i> , 2013, 46, 557-568.	1.0	14
31	CLOUD POINT EXTRACTION OF AROMATIC AMINES FROM ENVIRONMENTAL WATER SAMPLES COUPLED WITH HIGH-PERFORMANCE LIQUID CHROMATOGRAPHY. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2013, 36, 1312-1322.	0.5	2
32	Adsorption of lactic acid onto three ionic liquid-modified porous polymers. <i>Journal of Applied Polymer Science</i> , 2013, 129, 1306-1313.	1.3	6
33	Zinc Ion Doped Solid-Phase Extraction of Eicosapentaenoic Acid and Docosahexaenoic Acid from <i>Antarctic Krill</i> . <i>Analytical Letters</i> , 2012, 45, 2675-2686.	1.0	0
34	Using linear solvation energy relationship model to study the retention factor of solute in liquid chromatography. <i>Journal of Physical Organic Chemistry</i> , 2012, 25, 1058-1071.	0.9	8
35	Application of ionic liquid for extraction and separation of bioactive compounds from plants. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2012, 904, 1-21.	1.2	199