Chuixiu Huang

List of Publications by Year
in descending order

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43 papers	1,248 citations	361413 20 h-index	361022 35 g-index
43 all docs	43 docs citations	43 times ranked	741 citing authors

#	Article	IF	Citations
1	Sensitive determination of illicit drugs in wastewater using enrichment bag-based liquid-phase microextraction and liquid-chromatography tandem mass spectrometry. Journal of Chromatography A, 2022, 1661, 462684.	3.7	16
2	Successive liquid-phase microextraction of acidic and basic analytes. Analytica Chimica Acta, 2022, 1192, 339335.	5.4	2
3	Effect of sample matrices on supported liquid membrane: Efficient electromembrane extraction of cathinones from biological samples. Talanta, 2022, 240, 123175.	5.5	10
4	Functional materials and chemicals in electromembrane extraction. TrAC - Trends in Analytical Chemistry, 2022, 150, 116574.	11.4	15
5	Specific â€œlight-upâ€•sensor made easy: An aggregation induced emission monomer for molecular imprinting. Biosensors and Bioelectronics, 2022, 205, 114113.	10.1	9
6	Multi-extraction system with identical supported semi-liquid membrane: Enhanced stability for coextraction of acidic and basic drugs. Talanta, 2022, 246, 123485.	5.5	2
7	Fundamentals, operations and applications of electromembrane extraction: An overview of reviews. Microchemical Journal, 2022, 181, 107751.	4.5	13
8	Lighting up forensic science by aggregation-induced emission: A review. Analytica Chimica Acta, 2021, 1155, 238119.	5.4	19
9	In situ assembly of ZnO/graphene oxide on synthetic molecular receptors: Towards selective photoreduction of Cr(VI) via interfacial synergistic catalysis. Chemical Engineering Journal, 2021, 414, 128914.	12.7	37
10	Removal of Polymerase Chain Reaction Inhibitors by Electromembrane Extraction. Analytical Chemistry, 2021, 93, 11488-11496.	6.5	6
11	Recent sample pretreatment methods for determination of selective serotonin reuptake inhibitors (SSRIs) in biological samples. Journal of Pharmaceutical and Biomedical Analysis, 2021, 206, 114364.	2.8	3
12	Ultrasound-assisted electromembrane extraction with supported semi-liquid membrane. Analytica Chimica Acta, 2021, 1184, 339038.	5.4	6
13	Organic-solvent-free electromembrane extraction based on semi-interpenetrating polymer networks. Green Chemistry, 2021, 23, 1782-1793.	9.0	16
14	Versatile Integration of Liquid-Phase Microextraction and Fluorescent Aptamer Beacons: A Synergistic Effect for Bioanalysis. Analytical Chemistry, 2021, 93, 14323-14333.	6.5	4
15	Artificial Cytochrome c Mimics: Graphene Oxideâ€“Fe(III) Complex-Coated Molecularly Imprinted Colloidosomes for Selective Photoreduction of Highly Toxic Pollutants. ACS Applied Materials & Interfaces, 2020, 12, 6615-6626.	8.0	25
16	Unidirectional solute transfer using a Janus membrane. Journal of Membrane Science, 2020, 596, 117723.	8.2	15
17	Enzyme-like MOFs: synthetic molecular receptors with high binding capacity and their application in selective photocatalysis. Journal of Materials Chemistry A, 2020, 8, 25931-25940.	10.3	21
18	Electromembrane extraction of barbiturates using tributyl phosphate as an efficient supported liquid membrane. Analytica Chimica Acta, 2020, 1129, 118-125.	5.4	13

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19	Electromembrane extraction of chlorprothixene, haloperidol and risperidone from whole blood and urine. Journal of Chromatography A, 2020, 1629, 461480.	3.7	16
20	Impact of ion balance in electromembrane extraction. Analytica Chimica Acta, 2020, 1124, 129-136.	5.4	17
21	Blood Group Antigen Shielding Facilitated by Selective Cell Surface Engineering. ACS Applied Materials & Interfaces, 2020, 12, 22426-22432.	8.0	7
22	Electromembrane extraction of aristolochic acids: New insights in separation of bioactive ingredients of traditional Chinese medicines. Journal of Chromatography A, 2019, 1608, 460424.	3.7	10
23	Hybrid breath figure method: A new insight in Petri dishes for cell culture. Journal of Colloid and Interface Science, 2019, 541, 114-122.	9.4	20
24	Liquid-Phase Microextraction or Electromembrane Extraction?. Analytical Chemistry, 2019, 91, 8267-8273.	6.5	36
25	Determination of Barbiturates in Biological Specimens by Flat Membrane-Based Liquid-Phase Microextraction and Liquid Chromatography-Mass Spectrometry. Molecules, 2019, 24, 1494.	3.8	13
26	Investigation of alternative supported liquid membranes in electromembrane extraction of basic drugs from human plasma. Journal of Membrane Science, 2018, 548, 176-183.	8.2	31
27	Electromembrane extraction of high level substances: A novel approach for selective recovery of templates in molecular imprinting. Journal of Membrane Science, 2018, 568, 30-39.	8.2	19
28	Generation of Janus Molecularly Imprinted Polymer Particles. Methods in Molecular Biology, 2017, 1575, 353-362.	0.9	0
29	Electromembrane extractionâ€“Recent trends and where to go. Journal of Pharmaceutical Analysis, 2017, 7, 141-147.	5.3	75
30	Electromembrane extraction. TrAC - Trends in Analytical Chemistry, 2017, 95, 47-56.	11.4	118
31	Comprehensive study of buffer systems and local pH effects in electromembrane extraction. Analytica Chimica Acta, 2017, 984, 116-123.	5.4	43
32	Electromembrane extraction with alkylated phosphites and phosphates as supported liquid membranes. Journal of Membrane Science, 2017, 526, 18-24.	8.2	45
33	Efficient discrimination and removal of phospholipids during electromembrane extraction from human plasma samples. Bioanalysis, 2017, 9, 631-641.	1.5	21
34	Mass transfer in electromembrane extractionâ€”The link between theory and experiments. Journal of Separation Science, 2016, 39, 188-197.	2.5	39
35	Organic solvents in electromembrane extraction: recent insights. Reviews in Analytical Chemistry, 2016, 35, 169-183.	3.2	72
36	Electromembrane extraction of polar basic drugs from plasma with pure bis(2-ethylhexyl) phosphite as supported liquid membrane. Analytica Chimica Acta, 2016, 934, 80-87.	5.4	52

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37	Combination of Electromembrane Extraction and Liquid-Phase Microextraction in a Single Step: Simultaneous Group Separation of Acidic and Basic Drugs. Analytical Chemistry, 2015, 87, 6951-6957.	6.5	48
38	Electromembrane extraction for pharmaceutical and biomedical analysis â€“ Quo vadis. Journal of Pharmaceutical and Biomedical Analysis, 2015, 113, 97-107.	2.8	65
39	Exhaustive and stable electromembrane extraction of acidic drugs from human plasma. Journal of Chromatography A, 2015, 1425, 81-87.	3.7	40
40	Exhaustive extraction of peptides by electromembrane extraction. Analytica Chimica Acta, 2015, 853, 328-334.	5.4	48
41	Development of a flat membrane based device for electromembrane extraction: A new approach for exhaustive extraction of basic drugs from human plasma. Journal of Chromatography A, 2014, 1326, 7-12.	3.7	74
42	A specific, highly enriching and â€œgreenâ€•method for hollow fiber liquid phase microextraction of ionizable pharmaceuticals from fish tissue. Analytical Methods, 2014, 6, 6031-6037.	2.7	15
43	Inorganic molecular imprinted titanium dioxide photocatalyst: synthesis, characterization and its application for efficient and selective degradation of phthalate esters. Journal of Materials Chemistry, 2009, 19, 4843.	6.7	92