# Chuixiu Huang

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/9512400/publications.pdf

Version: 2024-02-01

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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 | Electromembrane extraction. TrAC - Trends in Analytical Chemistry, 2017, 95, 47-56. | 11.4 | 118 |
| 2 | 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 |
| 3 | Electromembrane extractionâ€“Recent trends and where to go. Journal of Pharmaceutical Analysis, 2017, 7, 141-147. | 5.3 | 75 |
| 4 | 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 |
| 5 | Organic solvents in electromembrane extraction: recent insights. Reviews in Analytical Chemistry, 2016, 35, 169-183. | 3.2 | 72 |
| 6 | Electromembrane extraction for pharmaceutical and biomedical analysis â€“ Quo vadis. Journal of Pharmaceutical and Biomedical Analysis, 2015, 113, 97-107. | 2.8 | 65 |
| 7 | 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 |
| 8 | 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 |
| 9 | Exhaustive extraction of peptides by electromembrane extraction. Analytica Chimica Acta, 2015, 853, 328-334. | 5.4 | 48 |
| 10 | Electromembrane extraction with alkylated phosphites and phosphates as supported liquid membranes. Journal of Membrane Science, 2017, 526, 18-24. | 8.2 | 45 |
| 11 | Comprehensive study of buffer systems and local pH effects in electromembrane extraction. Analytica Chimica Acta, 2017, 984, 116-123. | 5.4 | 43 |
| 12 | Exhaustive and stable electromembrane extraction of acidic drugs from human plasma. Journal of Chromatography A, 2015, 1425, 81-87. | 3.7 | 40 |
| 13 | Mass transfer in electromembrane extractionâ€”The link between theory and experiments. Journal of Separation Science, 2016, 39, 188-197. | 2.5 | 39 |
| 14 | 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 |
| 15 | Liquid-Phase Microextraction or Electromembrane Extraction?. Analytical Chemistry, 2019, 91, 8267-8273. | 6.5 | 36 |
| 16 | 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 |
| 17 | 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 |
| 18 | Efficient discrimination and removal of phospholipids during electromembrane extraction from human plasma samples. Bioanalysis, 2017, 9, 631-641. | 1.5 | 21 |

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|---|---|---|---|
| 19 | 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 |
| 20 | 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 |
| 21 | 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 |
| 22 | Lighting up forensic science by aggregation-induced emission: A review. Analytica Chimica Acta, 2021, 1155, 238119. | 5.4 | 19 |
| 23 | Impact of ion balance in electromembrane extraction. Analytica Chimica Acta, 2020, 1124, 129-136. | 5.4 | 17 |
| 24 | Electromembrane extraction of chlorprothixene, haloperidol and risperidone from whole blood and urine. Journal of Chromatography A, 2020, 1629, 461480. | 3.7 | 16 |
| 25 | Organic-solvent-free electromembrane extraction based on semi-interpenetrating polymer networks. Green Chemistry, 2021, 23, 1782-1793. | 9.0 | 16 |
| 26 | 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 |
| 27 | 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 |
| 28 | Unidirectional solute transfer using a Janus membrane. Journal of Membrane Science, 2020, 596, 117723. | 8.2 | 15 |
| 29 | Functional materials and chemicals in electromembrane extraction. TrAC - Trends in Analytical Chemistry, 2022, 150, 116574. | 11.4 | 15 |
| 30 | 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 |
| 31 | Electromembrane extraction of barbiturates using tributyl phosphate as an efficient supported liquid membrane. Analytica Chimica Acta, 2020, 1129, 118-125. | 5.4 | 13 |
| 32 | Fundamentals, operations and applications of electromembrane extraction: An overview of reviews. Microchemical Journal, 2022, 181, 107751. | 4.5 | 13 |
| 33 | 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 |
| 34 | Effect of sample matrices on supported liquid membrane: Efficient electromembrane extraction of cathinones from biological samples. Talanta, 2022, 240, 123175. | 5.5 | 10 |
| 35 | Specific â€œlight-upâ€•sensor made easy: An aggregation induced emission monomer for molecular imprinting. Biosensors and Bioelectronics, 2022, 205, 114113. | 10.1 | 9 |
| 36 | Blood Group Antigen Shielding Facilitated by Selective Cell Surface Engineering. ACS Applied Materials & Interfaces, 2020, 12, 22426-22432. | 8.0 | 7 |

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|---|---|---|---|
| 37 | Removal of Polymerase Chain Reaction Inhibitors by Electromembrane Extraction. Analytical Chemistry, 2021, 93, 11488-11496. | 6.5 | 6 |
| 38 | Ultrasound-assisted electromembrane extraction with supported semi-liquid membrane. Analytica Chimica Acta, 2021, 1184, 339038. | 5.4 | 6 |
| 39 | Versatile Integration of Liquid-Phase Microextraction and Fluorescent Aptamer Beacons: A Synergistic Effect for Bioanalysis. Analytical Chemistry, 2021, 93, 14323-14333. | 6.5 | 4 |
| 40 | 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 |
| 41 | Successive liquid-phase microextraction of acidic and basic analytes. Analytica Chimica Acta, 2022, 1192, 339335. | 5.4 | 2 |
| 42 | 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 |
| 43 | Generation of Janus Molecularly Imprinted Polymer Particles. Methods in Molecular Biology, 2017, 1575, 353-362. | 0.9 | 0 |