

Wei Jin

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8459934/publications.pdf>

Version: 2024-02-01

115
papers

5,658
citations

76326

40
h-index

88630

70
g-index

116
all docs

116
docs citations

116
times ranked

5868
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 1 | Size effect of $\text{F}^{3-}\text{MnO}_2$ pre-coated anode on lead-containing pollutant reduction and its controllable fabrication in industrial-scale for zinc electrowinning. <i>Chemosphere</i> , 2022, 287, 132457. | 8.2 | 11 |
| 2 | Confined N-CoSe ₂ active sites boost bifunctional oxygen electrocatalysis for rechargeable Zn–air batteries. <i>Nano Energy</i> , 2022, 91, 106675. | 16.0 | 76 |
| 3 | Dianion Induced Electron Delocalization of Trifunctional Electrocatalysts for Rechargeable Zn–Air Batteries and Self-Powered Water Splitting. <i>Advanced Functional Materials</i> , 2022, 32, . | 14.9 | 62 |
| 4 | Recent Progress of Vacancy Engineering for Electrochemical Energy Conversion Related Applications. <i>Advanced Functional Materials</i> , 2021, 31, 2009070. | 14.9 | 166 |
| 5 | Simultaneous and precise recovery of lithium and boron from salt lake brine by capacitive deionization with oxygen vacancy-rich CoP/Co ₃ O ₄ -graphene aerogel. <i>Chemical Engineering Journal</i> , 2021, 420, 127661. | 12.7 | 24 |
| 6 | Sensitive Electrochemical Detection of Pb(II) and H ₂ O ₂ via a Dual-Functional Sn-doped Defective Bi ₂ S ₃ Microspheres. <i>Electroanalysis</i> , 2021, 33, 947-955. | 2.9 | 3 |
| 7 | Rapid synthesis of gold–palladium core–shell aerogels for selective and robust electrochemical CO ₂ reduction. <i>Journal of Materials Chemistry A</i> , 2021, 9, 17189-17197. | 10.3 | 32 |
| 8 | Corrosion Engineering on Iron Foam toward Efficiently Electrocatalytic Overall Water Splitting Powered by Sustainable Energy. <i>Advanced Functional Materials</i> , 2021, 31, 2010437. | 14.9 | 125 |
| 9 | Towards source reduction and green sustainability of metal-bearing waste streams: The electrochemical processes. <i>Electrochimica Acta</i> , 2021, 374, 137937. | 5.2 | 8 |
| 10 | Engineering Bismuth–Tin Interface in Bimetallic Aerogel with a 3D Porous Structure for Highly Selective Electrocatalytic CO ₂ Reduction to HCOOH. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 12554-12559. | 13.8 | 188 |
| 11 | Engineering Bismuth–Tin Interface in Bimetallic Aerogel with a 3D Porous Structure for Highly Selective Electrocatalytic CO ₂ Reduction to HCOOH. <i>Angewandte Chemie</i> , 2021, 133, 12662-12667. | 2.0 | 36 |
| 12 | Self-Supporting Electrodes for Gas-Involved Key Energy Reactions. <i>Advanced Functional Materials</i> , 2021, 31, 2104620. | 14.9 | 39 |
| 13 | Transformation of antiviral ribavirin during ozone/PMS intensified disinfection amid COVID-19 pandemic. <i>Science of the Total Environment</i> , 2021, 790, 148030. | 8.0 | 20 |
| 14 | Carbon nanomaterials: Synthesis, properties and applications in electrochemical sensors and energy conversion systems. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2021, 272, 115341. | 3.5 | 40 |
| 15 | In-situ growth of CoFeS ₂ on metal-organic frameworks-derived Co-NC polyhedron enables high-performance oxygen electrocatalysis for rechargeable zinc-air batteries. <i>Journal of Power Sources</i> , 2021, 512, 230430. | 7.8 | 25 |
| 16 | Evolution of interfacial coupling interaction of Ni-Ru species for pH-universal water splitting. <i>Chemical Engineering Journal</i> , 2021, 426, 130762. | 12.7 | 36 |
| 17 | Highly efficient removal of bisphenol A by a novel Co-doped LaFeO ₃ perovskite/PMS system in salinity water. <i>Science of the Total Environment</i> , 2021, 801, 149490. | 8.0 | 86 |
| 18 | Performance evaluation on the pollution control against wet weather overflow based on on-site coagulation/flocculation in terminal drainage pipes. <i>Frontiers of Environmental Science and Engineering</i> , 2021, 15, 1. | 6.0 | 1 |

| # | ARTICLE | IF | CITATIONS |
|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 19 | Ultrafine Ir nanoparticles decorated on FeP/FeOOH with abundant interfaces via a facile corrosive approach for alkaline water-splitting. <i>Journal of Materials Chemistry A</i> , 2021, 9, 12074-12079. | 10.3 | 32 |
| 20 | Functional nanomaterial-derived electrochemical sensor and biosensor platforms for biomedical applications. , 2020, , 297-327. | | 10 |
| 21 | Rational design of Cu-Co thiospinel ternary sheet arrays for highly efficient electrocatalytic water splitting. <i>Journal of Materials Chemistry A</i> , 2020, 8, 1799-1807. | 10.3 | 48 |
| 22 | Sustainable Valuable Metal Recovery from the V-Cr-Fe Ternary Slime via Leaching-Selective Complexation. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 958-965. | 6.7 | 5 |
| 23 | Highly efficient SnS-decorated Bi ₂ O ₃ nanosheets for simultaneous electrochemical detection and removal of Cd(II) and Pb(II). <i>Journal of Electroanalytical Chemistry</i> , 2020, 856, 113744. | 3.8 | 53 |
| 24 | Gas evolution characterization and phase transformation during thermal treatment of cathode plates from spent LiFePO ₄ batteries. <i>Thermochimica Acta</i> , 2020, 684, 178483. | 2.7 | 15 |
| 25 | Cobalt oxide, sulfide and phosphide-decorated carbon felt for the capacitive deionization of lead ions. <i>Separation and Purification Technology</i> , 2020, 237, 116343. | 7.9 | 27 |
| 26 | Thermodynamic insight into the growth of nanoscale inclusion of Al-deoxidation in Fe-Al melt. <i>Scientific Reports</i> , 2020, 10, 16909. | 3.3 | 3 |
| 27 | Bifunctional electrochemical detection of organic molecule and heavy metal at two-dimensional Sn-In ₂ S ₃ nanocomposite. <i>Microchemical Journal</i> , 2020, 159, 105454. | 4.5 | 4 |
| 28 | Recent Advances in Catalyst Development for Transesterification of Dialkyl Carbonates with Phenol. <i>Industrial & Engineering Chemistry Research</i> , 2020, 59, 20630-20645. | 3.7 | 3 |
| 29 | Interface engineering of oxygen-vacancy-rich NiCo ₂ O ₄ /NiCoP heterostructure as an efficient bifunctional electrocatalyst for overall water splitting. <i>Catalysis Science and Technology</i> , 2020, 10, 5559-5565. | 4.1 | 43 |
| 30 | Recent development of two-dimensional metal-organic framework derived electrocatalysts for hydrogen and oxygen electrocatalysis. <i>Nanoscale</i> , 2020, 12, 18497-18522. | 5.6 | 69 |
| 31 | Editorial: Carbon-Based Bifunctional Oxygen Electrocatalysts. <i>Frontiers in Chemistry</i> , 2020, 8, 713. | 3.6 | 2 |
| 32 | Atomically Dispersed CoN ₄ /B, N-C Nanotubes Boost Oxygen Reduction in Rechargeable Zn-Air Batteries. <i>ACS Applied Energy Materials</i> , 2020, 3, 4539-4548. | 5.1 | 53 |
| 33 | Sulfurated Metal-Organic Framework-Derived Nanocomposites for Efficient Bifunctional Oxygen Electrocatalysis and Rechargeable Zn-Air Battery. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 9226-9234. | 6.7 | 79 |
| 34 | Effect of passive ventilation on the performance of unplanted sludge treatment wetlands: heavy metal removal and microbial community variation. <i>Environmental Science and Pollution Research</i> , 2020, 27, 31665-31676. | 5.3 | 4 |
| 35 | Sustainable Electrochemical Extraction of Metal Resources from Waste Streams: From Removal to Recovery. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 4693-4707. | 6.7 | 84 |
| 36 | High-efficiency extraction of aluminum from low-grade kaolin via a novel low-temperature activation method for the preparation of poly-aluminum-ferric-sulfate coagulant. <i>Journal of Cleaner Production</i> , 2020, 257, 120399. | 9.3 | 18 |

| # | ARTICLE | IF | CITATIONS |
|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 37 | Engineering Multimetallic Aerogels for pH-Universal HER and ORR Electrocatalysis. <i>Advanced Energy Materials</i> , 2020, 10, 1903857. | 19.5 | 83 |
| 38 | High selectivity and effectiveness for removal of tetracycline and its related drug resistance in food wastewater through schwertmannite/graphene oxide catalyzed photo-Fenton-like oxidation. <i>Journal of Hazardous Materials</i> , 2020, 392, 122437. | 12.4 | 62 |
| 39 | Coral-like carbon-wrapped NiCo alloys derived by emulsion aggregation strategy for efficient oxygen evolution reaction. <i>Journal of Colloid and Interface Science</i> , 2020, 573, 96-104. | 9.4 | 36 |
| 40 | Morphology-controllable formation of MOF-Derived C/ZrO ₂ @1T-2H MoS ₂ heterostructure for improved electrocatalytic hydrogen evolution. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 14831-14840. | 7.1 | 8 |
| 41 | Understanding the features of PGMs in spent ternary automobile catalysts for development of cleaner recovery technology. <i>Journal of Cleaner Production</i> , 2019, 239, 118031. | 9.3 | 66 |
| 42 | Simultaneous Phenol Detoxification and Dilute Metal Recovery in Cyclone Electrochemical Reactor. <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 12642-12649. | 3.7 | 21 |
| 43 | Adsorption behavior of arsenicals on MIL-101(Fe): The role of arsenic chemical structures. <i>Journal of Colloid and Interface Science</i> , 2019, 554, 692-704. | 9.4 | 202 |
| 44 | Oxygen Vacancy-Rich In-Doped CoO/CoP Heterostructure as an Effective Air Cathode for Rechargeable Zn-Air Batteries. <i>Small</i> , 2019, 15, e1904210. | 10.0 | 142 |
| 45 | Thermodynamic Modelling on Nanoscale Growth of Magnesia Inclusion in Fe-O-Mg Melt. <i>Metals</i> , 2019, 9, 174. | 2.3 | 2 |
| 46 | Inhibition Role of Trace Metal Ion Additives on Zinc Dendrites during Plating and Stripping Processes. <i>Advanced Materials Interfaces</i> , 2019, 6, 1901358. | 3.7 | 46 |
| 47 | Defective graphene aerogel-supported Bi-CoP nanoparticles as a high-potential air cathode for rechargeable Zn-air batteries. <i>Journal of Materials Chemistry A</i> , 2019, 7, 22507-22513. | 10.3 | 39 |
| 48 | Facile synthesis of core-shell CuS-Cu ₂ S based nanocomposite for the high-performance glucose detection. <i>Materials Science and Engineering C</i> , 2019, 105, 110120. | 7.3 | 22 |
| 49 | <i>In situ</i> growth of CuS decorated graphene oxide-multiwalled carbon nanotubes for ultrasensitive H ₂ O ₂ detection in alkaline solution. <i>New Journal of Chemistry</i> , 2019, 43, 3309-3316. | 2.8 | 13 |
| 50 | High-Performance Capacitive Deionization of Copper Ions at Nanoporous ZnS-Decorated Carbon Felt. <i>Journal of the Electrochemical Society</i> , 2019, 166, E29-E34. | 2.9 | 15 |
| 51 | Ni-foam supported Co(OH)F and Co-P nanoarrays for energy-efficient hydrogen production <i>via</i> urea electrolysis. <i>Journal of Materials Chemistry A</i> , 2019, 7, 3697-3703. | 10.3 | 235 |
| 52 | Structural evolution of calcia during calcium deoxidation in Fe-O-Ca melt. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 13847-13855. | 2.8 | 8 |
| 53 | Earth-abundant transition metal and metal oxide nanomaterials: Synthesis and electrochemical applications. <i>Progress in Materials Science</i> , 2019, 106, 100574. | 32.8 | 184 |
| 54 | Recent advances of porous transition metal-based nanomaterials for electrochemical energy conversion and storage applications. <i>Materials Today Energy</i> , 2019, 13, 64-84. | 4.7 | 64 |

| # | ARTICLE | IF | CITATIONS |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 55 | Efficient recovery of scrapped V ₂ O ₅ -WO ₃ /TiO ₂ SCR catalyst by cleaner hydrometallurgical process. Hydrometallurgy, 2019, 187, 45-53. | 4.3 | 16 |
| 56 | Encapsulated spinel CuXCo ₃ -XO ₄ in carbon nanotubes as efficient and stable oxygen electrocatalysts. International Journal of Hydrogen Energy, 2019, 44, 11421-11430. | 7.1 | 33 |
| 57 | A novel graphene oxide-carbon nanotubes anchored Fe-FeOOH hybrid activated persulfate system for enhanced degradation of Orange II. Journal of Environmental Sciences, 2019, 83, 73-84. | 6.1 | 64 |
| 58 | AgI loading BiOI composites with enhanced photodegradation efficiency for bisphenol A under simulated solar light. Science of the Total Environment, 2019, 669, 194-204. | 8.0 | 33 |
| 59 | In situ decoration of plasmonic silver nanoparticles on poly(vinylidene fluoride) membrane for versatile SERS detection. New Journal of Chemistry, 2019, 43, 6965-6972. | 2.8 | 11 |
| 60 | Potentially More Ecofriendly Chemical Pathway for Production of High-Purity TiO ₂ from Titanium Slag. ACS Sustainable Chemistry and Engineering, 2019, 7, 4821-4830. | 6.7 | 23 |
| 61 | MOF-derived two-dimensional N-doped carbon nanosheets coupled with Co-Fe-Se as efficient bifunctional OER/ORR catalysts. Nanoscale, 2019, 11, 20144-20150. | 5.6 | 83 |
| 62 | Transformation pathway and degradation mechanism of methylene blue through Fe-FeOOH@GO catalyzed photo-Fenton-like system. Chemosphere, 2019, 218, 83-92. | 8.2 | 84 |
| 63 | N-doped Carbon-coated Metal Sulfides/Phosphides Derived from Protic Salts for Oxygen Evolution Reaction. ChemCatChem, 2019, 11, 1185-1191. | 3.7 | 6 |
| 64 | Nanosheet-like Co ₃ (OH) ₂ (HPO ₄) ₂ as a Highly Efficient and Stable Electrocatalyst for Oxygen Evolution Reaction. ACS Sustainable Chemistry and Engineering, 2019, 7, 3083-3091. | 6.7 | 39 |
| 65 | Effective inhibition of zinc dendrites during electrodeposition using thiourea derivatives as additives. Journal of Materials Science, 2019, 54, 3536-3546. | 3.7 | 16 |
| 66 | Hydrothermal synthesis of plugged micro/mesoporous Al-SBA-15 from spent fluid catalytic cracking catalyst. Materials Chemistry and Physics, 2019, 222, 227-229. | 4.0 | 13 |
| 67 | Efficient electrochemical recovery of fine tellurium powder from hydrochloric acid media via mass transfer enhancement. Separation and Purification Technology, 2018, 203, 117-123. | 7.9 | 29 |
| 68 | Additives-assisted electrodeposition of fine spherical copper powder from sulfuric acid solution. Powder Technology, 2018, 326, 84-88. | 4.2 | 27 |
| 69 | Ramie Biomass Derived Nitrogen-Doped Activated Carbon for Efficient Electrocatalytic Production of Hydrogen Peroxide. Journal of the Electrochemical Society, 2018, 165, E171-E176. | 2.9 | 22 |
| 70 | Hierarchical oxygen-implanted MoS ₂ nanoparticle decorated graphene for the non-enzymatic electrochemical sensing of hydrogen peroxide in alkaline media. Talanta, 2018, 176, 397-405. | 5.5 | 64 |
| 71 | Bimetallic gold-nickel nanoparticles as a sensitive amperometric sensing platform for acetaminophen in human serum. Journal of Electroanalytical Chemistry, 2018, 808, 259-265. | 3.8 | 28 |
| 72 | Electrochemically activated Cu ₂ O/Co ₃ O ₄ nanocomposites on defective carbon nanotubes for the hydrogen evolution reaction. New Journal of Chemistry, 2018, 42, 19400-19406. | 2.8 | 14 |

| # | ARTICLE | IF | CITATIONS |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 73 | Nucleation and growth for magnesia inclusion in Fe-Mg melt. RSC Advances, 2018, 8, 38336-38345. | 3.6 | 14 |
| 74 | Selective and Efficient Electrochemical Recovery of Dilute Copper and Tellurium from Acidic Chloride Solutions. ACS Sustainable Chemistry and Engineering, 2018, 6, 13378-13384. | 6.7 | 39 |
| 75 | Nanomaterial-based environmental sensing platforms using state-of-the-art electroanalytical strategies. Journal of Analytical Science and Technology, 2018, 9, . | 2.1 | 19 |
| 76 | Efficient electrochemical recovery of dilute selenium by cyclone electrowinning. Hydrometallurgy, 2018, 179, 232-237. | 4.3 | 29 |
| 77 | Facile synthesis of CoWO ₄ /RGO composites as superior anode materials for lithium-ion batteries. Journal of Solid State Electrochemistry, 2018, 22, 2767-2774. | 2.5 | 14 |
| 78 | Phase confinement of self-migrated plasmonic silver in triphasic system: Offering 3D hot spots on hydrophobic paper for SERS detection. Applied Surface Science, 2018, 450, 138-145. | 6.1 | 6 |
| 79 | A sustainable process for metal recycling from spent lithium-ion batteries using ammonium chloride. Waste Management, 2018, 79, 545-553. | 7.4 | 79 |
| 80 | Twinned copper nanoparticles modulated with electrochemical deposition for <i>in situ</i> SERS monitoring. CrystEngComm, 2018, 20, 5609-5618. | 2.6 | 5 |
| 81 | Nanomaterials based electrochemical sensor and biosensor platforms for environmental applications. Trends in Environmental Analytical Chemistry, 2017, 13, 10-23. | 10.3 | 285 |
| 82 | Efficient oxidative dissolution of V ₂ O ₃ by the <i>in situ</i> electro-generated reactive oxygen species on N-doped carbon felt electrodes. Electrochimica Acta, 2017, 226, 140-147. | 5.2 | 24 |
| 83 | Electrochemical detection of chemical pollutants based on gold nanomaterials. Trends in Environmental Analytical Chemistry, 2017, 14, 28-36. | 10.3 | 48 |
| 84 | Electrochemical detoxification and recovery of spent SCR catalyst by <i>in-situ</i> generated reactive oxygen species in alkaline media. Chemical Engineering Journal, 2017, 325, 544-553. | 12.7 | 54 |
| 85 | Mass transport-enhanced electrodeposition for the efficient recovery of copper and selenium from sulfuric acid solution. Separation and Purification Technology, 2017, 182, 160-165. | 7.9 | 20 |
| 86 | Cleaner production of vanadium oxides by cation-exchange membrane-assisted electrolysis of sodium vanadate solution. Hydrometallurgy, 2017, 169, 440-446. | 4.3 | 8 |
| 87 | A Closed-Loop Process for Selective Metal Recovery from Spent Lithium Iron Phosphate Batteries through Mechanochemical Activation. ACS Sustainable Chemistry and Engineering, 2017, 5, 9972-9980. | 6.7 | 195 |
| 88 | Recovery of Lithium, Nickel, and Cobalt from Spent Lithium-Ion Battery Powders by Selective Ammonia Leaching and an Adsorption Separation System. ACS Sustainable Chemistry and Engineering, 2017, 5, 11489-11495. | 6.7 | 118 |
| 89 | W-doped MoS ₂ nanosheets as a highly-efficient catalyst for hydrogen peroxide electroreduction in alkaline media. Catalysis Science and Technology, 2017, 7, 5733-5740. | 4.1 | 12 |
| 90 | Reinforced As(III) oxidation by the <i>in-situ</i> electro-generated hydrogen peroxide on MoS ₂ ultrathin nanosheets modified carbon felt in alkaline media. Electrochimica Acta, 2017, 252, 245-253. | 5.2 | 22 |

| # | ARTICLE | IF | CITATIONS |
|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 91 | Controlled Electrodeposition of Uniform Copper Powder from Hydrochloric Acid Solutions. <i>Journal of the Electrochemical Society</i> , 2017, 164, D723-D728. | 2.9 | 26 |
| 92 | Alkaline electrochemical advanced oxidation process for chromium oxidation at graphitized multi-walled carbon nanotubes. <i>Chemosphere</i> , 2017, 183, 156-163. | 8.2 | 62 |
| 93 | Electrochemistry during efficient copper recovery from complex electronic waste using ammonia based solutions. <i>Frontiers of Chemical Science and Engineering</i> , 2017, 11, 308-316. | 4.4 | 23 |
| 94 | Cr(III)-induced electrochemical advanced oxidation processes for the V ₂ O ₃ dissolution in alkaline media. <i>Chemical Engineering Journal</i> , 2017, 307, 518-525. | 12.7 | 27 |
| 95 | Recent Advances in the Synthesis of Layered, Double-Hydroxide-Based Materials and Their Applications in Hydrogen and Oxygen Evolution. <i>Energy Technology</i> , 2016, 4, 354-368. | 3.8 | 84 |
| 96 | Enhanced electrochemical performance of ZnMoO ₄ /reduced graphene oxide composites as anode materials for lithium-ion batteries. <i>Electrochimica Acta</i> , 2016, 222, 838-844. | 5.2 | 45 |
| 97 | Tuning γ -Fe ₂ O ₃ nanotube arrays for the oxygen reduction reaction in alkaline media. <i>RSC Advances</i> , 2016, 6, 41878-41884. | 3.6 | 32 |
| 98 | Facile Synthesis of Mesoporous Manganese-Iron Nanorod Arrays Efficient for Water Oxidation. <i>ACS Sustainable Chemistry and Engineering</i> , 2016, 4, 5398-5403. | 6.7 | 23 |
| 99 | Improved electrochemical Cr(VI) detoxification by integrating the direct and indirect pathways. <i>Journal of Electroanalytical Chemistry</i> , 2016, 775, 325-328. | 3.8 | 15 |
| 100 | Electrochemical Cr(III) Oxidation and Mobilization by In Situ Generated Reactive Oxygen Species in Alkaline Solution. <i>Journal of the Electrochemical Society</i> , 2016, 163, H684-H689. | 2.9 | 19 |
| 101 | Facile synthesis of goethite anchored regenerated graphene oxide nanocomposite and its application in the removal of fluoride from drinking water. <i>Desalination and Water Treatment</i> , 2016, 57, 28393-28404. | 1.0 | 9 |
| 102 | Defluoridation by rice spike-like akaganeite anchored graphene oxide. <i>RSC Advances</i> , 2016, 6, 11240-11249. | 3.6 | 26 |
| 103 | Electrochemical processes for the environmental remediation of toxic Cr(VI): A review. <i>Electrochimica Acta</i> , 2016, 191, 1044-1055. | 5.2 | 264 |
| 104 | Electrolytic recovery of bismuth and copper as a powder from acidic sulfate effluents using an emew [®] cell. <i>RSC Advances</i> , 2015, 5, 50372-50378. | 3.6 | 22 |
| 105 | The influence of KOH concentration, oxygen partial pressure and temperature on the oxygen reduction reaction at Pt electrodes. <i>Journal of Electroanalytical Chemistry</i> , 2015, 741, 100-108. | 3.8 | 30 |
| 106 | Recent advances in electrochemical detection of toxic Cr(VI). <i>RSC Advances</i> , 2015, 5, 37440-37450. | 3.6 | 86 |
| 107 | Integrated lignin-mediated adsorption-release process and electrochemical reduction for the removal of trace Cr(VI). <i>RSC Advances</i> , 2014, 4, 27843-27849. | 3.6 | 43 |
| 108 | Sensitive and selective electrochemical detection of chromium(VI) based on gold nanoparticle-decorated titania nanotube arrays. <i>Analyst</i> , 2014, 139, 235-241. | 3.5 | 153 |

| # | ARTICLE | IF | CITATIONS |
|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 109 | Efficient extraction of lignin from black liquor via a novel membrane-assisted electrochemical approach. <i>Electrochimica Acta</i> , 2013, 107, 611-618. | 5.2 | 45 |
| 110 | Indirect Electrochemical Cr(III) Oxidation in KOH Solutions at an Au Electrode: The Role of Oxygen Reduction Reaction. <i>Journal of Physical Chemistry B</i> , 2012, 116, 7531-7537. | 2.6 | 38 |
| 111 | Modulated Cr(III) oxidation in KOH solutions at a gold electrode: Competition between disproportionation and stepwise electron transfer. <i>Electrochimica Acta</i> , 2011, 56, 8311-8318. | 5.2 | 30 |
| 112 | Notice of Retraction: Optimization of coagulation-flocculation conditions for the treatment of combined sewer overflow wastewater. , 2010, , . | | 1 |
| 113 | Phase Diagrams for the Ternary Na ₂ O-Al ₂ O ₃ -H ₂ O System at (150 and 180) °C. <i>Journal of Chemical & Engineering Data</i> , 2010, 55, 2470-2473. | 1.9 | 15 |
| 114 | Comparison of the Oxygen Reduction Reaction between NaOH and KOH Solutions on a Pt Electrode: The Electrolyte-Dependent Effect. <i>Journal of Physical Chemistry B</i> , 2010, 114, 6542-6548. | 2.6 | 151 |
| 115 | Isopiestic Study of the Na ₂ CrO ₄ -H ₂ O System at 353.15 K: Prediction of the Solubility of Na ₂ CrO ₄ in Aqueous NaOH Solutions. <i>Industrial & Engineering Chemistry Research</i> , 2010, 49, 8244-8247. | 3.7 | 15 |