# Jincheng Ding

List of Publications by Year
in descending order



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|---|---|---|---|
| 37 papers | 1,397 citations | 361296 20 h-index | 345118 36 g-index |
| 37 all docs | 37 docs citations | 37 times ranked | 1295 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Iron reduction characteristics and kinetic analysis of Comamonas testosteroni Y1: a potential iron-reduction bacteria. Biochemical Engineering Journal, 2022, 177, 108256. | 1.8 | 13 |
| 2 | The performance of co-immobilized strains isolated from activated sludge combined with Scenedesmus quadricauda to remove nutrients and organics in black odorous water. Bioresource Technology, 2022, 345, 126571. | 4.8 | 8 |
| 3 | Photo-fenton degradation of RhB via transition metal oxides composite catalyst Fe<sub>3</sub>O<sub>4</sub>/CuO under visible light optimized using response surface methodology. Materials Technology, 2022, 37, 2347-2359. | 1.5 | 4 |
| 4 | Highly active and recyclable CuO/ZnO as photocatalyst for transesterification of waste cooking oil to biodiesel and the kinetics. Fuel, 2022, 315, 123254. | 3.4 | 51 |
| 5 | Water Environmental Functional Zoning at County Level and Environmental Contamination Carrying Capacity Accounting in the Mainstream of Xiaofu River. Water (Switzerland), 2022, 14, 615. | 1.2 | 4 |
| 6 | Effects of light source and inter-species mixed culture on the growth of microalgae and bacteria for nutrient recycling and microalgae harvesting using black odorous water as the medium. Environmental Science and Pollution Research, 2022, 29, 78542-78554. | 2.7 | 5 |
| 7 | Process optimization of biodiesel production from waste cooking oil by esterification of free fatty acids using La3+/ZnO-TiO2 photocatalyst. Energy Conversion and Management, 2021, 229, 113745. | 4.4 | 78 |
| 8 | Waste limescale derived recyclable catalyst and soybean dregs oil for biodiesel production: Analysis and optimization. Chemical Engineering Research and Design, 2021, 149, 465-475. | 2.7 | 27 |
| 9 | A collaborative effect of algae-bacteria symbiotic and biological activated carbon system on black odorous water pretreated by UV photolysis. Biochemical Engineering Journal, 2021, 169, 107983. | 1.8 | 15 |
| 10 | Microwave-assisted in-situ transesterification of Spirulina platensis to biodiesel using PEG/MgO/ZSM-5 magnetic catalyst. Journal of Cleaner Production, 2021, 311, 127490. | 4.6 | 47 |
| 11 | Nanofiltration desalination of reverse osmosis concentrate pretreated by advanced oxidation with ultrafiltration: Response surface optimization and exploration of membrane fouling. Journal of Environmental Chemical Engineering, 2021, 9, 106340. | 3.3 | 13 |
| 12 | Membrane dehydration-enhanced esterification for biodiesel production from a potential feedstock of Firmiana platanifolia L.f. seed oil. Chemical Engineering Research and Design, 2020, 153, 1-7. | 2.7 | 11 |
| 13 | Removing organic matters from reverse osmosis concentrate using advanced oxidation-biological activated carbon process combined with Fe3+/humus-reducing bacteria. Ecotoxicology and Environmental Safety, 2020, 203, 110945. | 2.9 | 21 |
| 14 | Mini Review of Biodiesel by Integrated Membrane Separation Technologies That Enhanced Esterification/Transesterification. Energy & Fuels, 2020, 34, 15614-15633. | 2.5 | 9 |
| 15 | Synthesis of MgO/ZSM-5 catalyst and optimization of process parameters for clean production of biodiesel from Spirulina platensis. Journal of Cleaner Production, 2020, 276, 123382. | 4.6 | 51 |
| 16 | Separation and purification of fatty acids by membrane technology: a critical review. International Journal of Chemical Reactor Engineering, 2020, 18, . | 0.6 | 10 |
| 17 | Synthesis and characterization of carbon-based MgO catalysts for biodiesel production from castor oil. Fuel, 2019, 258, 116122. | 3.4 | 84 |
| 18 | Recyclable Li/NaY zeolite as a heterogeneous alkaline catalyst for biodiesel production: Process optimization and kinetics study. Energy Conversion and Management, 2019, 192, 335-345. | 4.4 | 90 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Comparing the performance of various nanofiltration membranes in advanced oxidation-nanofiltration treatment of reverse osmosis concentrates. Environmental Science and Pollution Research, 2019, 26, 17472-17481. | 2.7 | 14 |
| 20 | Response Surface Methodology Optimization and Kinetic Study of Ultrafiltration-Enhanced, SCER-catalyzed Hydrolysis of Lard. International Journal of Chemical Reactor Engineering, 2019, 17, . | 0.6 | 2 |
| 21 | An integrated process of catalytic hydrolysis and membrane separation for fatty acids production from lard oil. Canadian Journal of Chemical Engineering, 2018, 96, 2014-2024. | 0.9 | 7 |
| 22 | Promotion by humus-reducing bacteria for the degradation of UV<sub>254</sub> absorbance in reverse-osmosis concentrates pretreated with O<sub>3</sub>-assisted UV-Fenton method. Environmental Technology (United Kingdom), 2018, 39, 2178-2184. | 1.2 | 6 |
| 23 | Synthesis and characterization of TiO<sub>2</sub>/graphene oxide nanocomposites for photoreduction of heavy metal ions in reverse osmosis concentrate. RSC Advances, 2018, 8, 34241-34251. | 1.7 | 184 |
| 24 | Transesterification of castor oil to biodiesel using NaY zeolite-supported La2O3 catalysts. Energy Conversion and Management, 2018, 173, 728-734. | 4.4 | 109 |
| 25 | A flow-through tubular catalytic membrane reactor using zirconium sulfate tetrahydrate-impregnated carbon membranes for acidified oil esterification. Journal of the Energy Institute, 2017, 90, 875-883. | 2.7 | 14 |
| 26 | Statistical modeling/optimization and process intensification of microwave-assisted acidified oil esterification. Energy Conversion and Management, 2016, 122, 411-418. | 4.4 | 23 |
| 27 | A comparative study on the catalytic performance of different types of zeolites for biodiesel production. Fuel, 2015, 158, 848-854. | 3.4 | 62 |
| 28 | Optimization of acidified oil esterification catalyzed by sulfonated cation exchange resin using response surface methodology. Energy Conversion and Management, 2015, 98, 46-53. | 4.4 | 55 |
| 29 | Kinetic and thermodynamic studies of the esterification of acidified oil catalyzed by sulfonated cation exchange resin. Journal of Energy Chemistry, 2015, 24, 456-462. | 7.1 | 24 |
| 30 | Coupling membrane pervaporation with a fixed-bed reactor for enhanced esterification of oleic acid with ethanol. Energy Conversion and Management, 2015, 106, 1379-1386. | 4.4 | 35 |
| 31 | Esterification of oleic acid with ethanol catalyzed by sulfonated cation exchange resin: Experimental and kinetic studies. Energy Conversion and Management, 2013, 76, 980-985. | 4.4 | 84 |
| 32 | Esterification and Deacidification of a Waste Cooking Oil (TAN 68.81 mg KOH/g) for Biodiesel Production. Energies, 2012, 5, 2683-2691. | 1.6 | 53 |
| 33 | Kinetics of esterification of acidified oil with different alcohols by a cation ion-exchange resin/polyethersulfone hybrid catalytic membrane. Bioresource Technology, 2012, 112, 28-33. | 4.8 | 43 |
| 34 | Biodiesel Production from Acidified Oils via Supercritical Methanol. Energies, 2011, 4, 2212-2223. | 1.6 | 20 |
| 35 | Cation Ion-Exchange Resin/Polyethersulfone Hybrid Catalytic Membrane for Biodiesel Production. Journal of Biobased Materials and Bioenergy, 2011, 5, 85-91. | 0.1 | 25 |
| 36 | Preparation and characterization of PSSA/PVA catalytic membrane for biodiesel production. Fuel, 2010, 89, 2299-2304. | 3.4 | 91 |

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|---|---|---|---|
| 37 | O3-assisted UV-Fenton treatment of refining reverse osmosis water: optimization of process conditions by response surface methodology. , 0, 66, 133-139. | | 5 |