# Jun Huang

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3407162/publications.pdf

Version: 2024-02-01

| 43 | 1,217 | 394421 | 361022 |
|---|---|---|---|
| papers | citations | 19 h-index | 35 g-index |

| 43 | 43 | 43 | 1593 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Immobilization of Pycnoporus sanguineus laccase on magnetic chitosan microspheres. Biochemical Engineering Journal, 2005, 25, 15-23. | 3.6 | 368 |
| 2 | A novel optical fiber glucose biosensor based on carbon quantum dots-glucose oxidase/cellulose acetate complex sensitive film. Biosensors and Bioelectronics, 2019, 146, 111760. | 10.1 | 86 |
| 3 | Preparation of magnetic chitosan nanoparticles and immobilization of laccase. Journal Wuhan University of Technology, Materials Science Edition, 2009, 24, 42-47. | 1.0 | 60 |
| 4 | Immobilization of glucose oxidase using CoFe2O4/SiO2 nanoparticles as carrier. Applied Surface Science, 2011, 257, 5739-5745. | 6.1 | 54 |
| 5 | Graphene oxide-functionalized long period fiber grating for ultrafast label-free glucose biosensor. Materials Science and Engineering C, 2020, 107, 110329. | 7.3 | 54 |
| 6 | First observation of tetranitro iron (II) phthalocyanine catalyzed oxidation of phenolic pollutant assisted with 4-aminoantipyrine using dioxygen as oxidant. Journal of Molecular Catalysis A, 2011, 345, 108-116. | 4.8 | 50 |
| 7 | Preparation of Carbon Dots with High-Fluorescence Quantum Yield and Their Application in Dopamine Fluorescence Probe and Cellular Imaging. Journal of Nanomaterials, 2019, 2019, 1-9. | 2.7 | 50 |
| 8 | Immobilization of glucose oxidase on Fe3O4/SiO2 magnetic nanoparticles. Biotechnology Letters, 2010, 32, 817-821. | 2.2 | 46 |
| 9 | A Novel Fiber Optic Biosensor for the Determination of Adrenaline Based on Immobilized Laccase Catalysis. Analytical Letters, 2008, 41, 1430-1442. | 1.8 | 41 |
| 10 | Immobilization of Pycnoporus sanguineus laccase on copper tetra-aminophthalocyanineâ€“Fe3O4 nanoparticle composite. Biotechnology and Applied Biochemistry, 2006, 44, 93. | 3.1 | 40 |
| 11 | Ultrasensitive NO Gas Sensor Based on the Graphene Oxide-Coated Long-Period Fiber Grating. ACS Applied Materials & Interfaces, 2019, 11, 40868-40874. | 8.0 | 36 |
| 12 | Detection of nitrite based on fluorescent carbon dots by the hydrothermal method with folic acid. Royal Society Open Science, 2018, 5, 172149. | 2.4 | 34 |
| 13 | A new immobilized glucose oxidase using SiO2 nanoparticles as carrier. Materials Science and Engineering C, 2011, 31, 1374-1378. | 7.3 | 32 |
| 14 | A temperature-triggered fiber optic biosensor based on hydrogel-magnetic immobilized enzyme complex for sequential determination of cholesterol and glucose. Biochemical Engineering Journal, 2017, 125, 123-128. | 3.6 | 28 |
| 15 | A Fiber Optic Biosensor Based on Hydrogel-Immobilized Enzyme Complex for Continuous Determination of Cholesterol and Glucose. Applied Biochemistry and Biotechnology, 2019, 187, 1569-1580. | 2.9 | 24 |
| 16 | Zinc tetraaminophthalocyanine-Fe3O4 nanoparticle composite for laccase immobilization. International Journal of Nanomedicine, 2007, 2, 775-84. | 6.7 | 21 |
| 17 | Immobilization of cholesterol oxidase on magnetic fluorescent core-shell-structured nanoparticles. Materials Science and Engineering C, 2015, 57, 31-37. | 7.3 | 20 |
| 18 | Temperature controlling fiber optic glucose sensor based on hydrogel-immobilized GOD complex. Sensors and Actuators B: Chemical, 2016, 237, 24-29. | 7.8 | 20 |

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|---|---|---|---|
| 19 | Complex of hydrogel with magnetic immobilized GOD for temperature controlling fiber optic glucose sensor. Biochemical Engineering Journal, 2016, 114, 262-267. | 3.6 | 19 |
| 20 | Fluorescent glucose sensing using CdTe/CdS quantum dotsâ€“glucose oxidase complex. Analytical Methods, 2016, 8, 2967-2970. | 2.7 | 14 |
| 21 | A Recyclable Optical Fiber Sensor Based on Fluorescent Carbon Dots for the Determination of Ferric Ion Concentrations. Journal of Lightwave Technology, 2019, 37, 4815-4822. | 4.6 | 14 |
| 22 | Fast chromogenic identification of phenolic pollutants via homogeneous oxidation with t-BuOOH in the presence of iron (III) octacarboxyphthalocyanine. Catalysis Communications, 2014, 45, 95-99. | 3.3 | 13 |
| 23 | Photocatalytic chromogenic identification of chlorophenol pollutants by manganese phthalocyanine under sunlight irradiation. Separation and Purification Technology, 2014, 125, 216-222. | 7.9 | 13 |
| 24 | A Sensitive Ammonia Sensor Using Long Period Fiber Grating Coated With Graphene Oxide/Cellulose Acetate. IEEE Sensors Journal, 2021, 21, 16691-16700. | 4.7 | 13 |
| 25 | Synthesis of Two Novel Water-Soluble Iron Phthalocyanines and Their Application in Fast Chromogenic Identification of Phenolic Pollutants. Catalysis Letters, 2014, 144, 487-497. | 2.6 | 12 |
| 26 | Synthesis of Fluorescent Carbon Quantum Dots and Their Application in the Plant Cell Imaging. Journal Wuhan University of Technology, Materials Science Edition, 2018, 33, 1546-1550. | 1.0 | 8 |
| 27 | Controlled preparation of monodisperse CoFe2O4 nanoparticles by a facile method. Journal Wuhan University of Technology, Materials Science Edition, 2011, 26, 257-261. | 1.0 | 7 |
| 28 | A â€œTurn-Onâ€•Fluorescence Copper Biosensor Based on DNA Cleavage-Dependent Graphene Oxide-dsDNA-CdTe Quantum Dots Complex. Sensors, 2018, 18, 2605. | 3.8 | 7 |
| 29 | Copper phthalocyanine catalysis to oxidation of adrenaline by oxygen and its application in adrenaline detection. Journal Wuhan University of Technology, Materials Science Edition, 2008, 23, 606-609. | 1.0 | 5 |
| 30 | A fiber optic sensor for determination of 2,4-dichlorophenol based on iron(II) phthalocyanine catalysis. Journal Wuhan University of Technology, Materials Science Edition, 2015, 30, 1317-1320. | 1.0 | 4 |
| 31 | Fluorescence detection for H2PO4 - based on carbon dots/Fe3+ composite. Journal Wuhan University of Technology, Materials Science Edition, 2016, 31, 1226-1229. | 1.0 | 4 |
| 32 | Development of 2-Chlorophenol Sensor Based on a Fiber Optic Oxygen Transducer via Oxidation Reaction Catalyzed by Tetranitro Iron (II) Phthalocyanine. IEEE Sensors Journal, 2014, 14, 3693-3700. | 4.7 | 3 |
| 33 | Insight into the reactivity difference of two iron phthalocyanine catalysts in chromogenic reaction: DFT theoretical study. Inorganic and Nano-Metal Chemistry, 2017, 47, 1406-1411. | 1.6 | 3 |
| 34 | A novel method of adrenaline concentration detection using fiber optical biosensor based on the catalysis of iron(II) phthalocyanine. Proceedings of SPIE, 2008, , . | 0.8 | 2 |
| 35 | Spectra and DNA-binding properties of two novel mixed-ligand complexes containing organosulfonate. Journal Wuhan University of Technology, Materials Science Edition, 2009, 24, 181-185. | 1.0 | 2 |
| 36 | A fiber optic sensor for 2-cholrophenol analysis based on oxygen sensing system. Journal Wuhan University of Technology, Materials Science Edition, 2014, 29, 1178-1182. | 1.0 | 2 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | A novel fluorescence probe 9-(4-(1,2-diamine)benzene-N1-phenyl)acridine for nitric oxide determination. Journal Wuhan University of Technology, Materials Science Edition, 2014, 29, 848-853. | 1.0 | 2 |
| 38 | Enhancing heterogeneous catalytic activity of iron (II) phthalocyanine by ethanol and its application in 2,4-dichlorophenol detection. Journal Wuhan University of Technology, Materials Science Edition, 2014, 29, 567-571. | 1.0 | 2 |
| 39 | Characterization and saturable absorption property of graphene oxide on optical fiber by optical deposition. Journal Wuhan University of Technology, Materials Science Edition, 2017, 32, 882-887. | 1.0 | 2 |
| 40 | Immobilization of cholesterol oxidase on SiO2 nanoparticles and its application in Fiber optic cholesterol sensor. , 2016, , . | | 2 |
| 41 | Photorefractive effect in a CdS nanoparticles-sensitized polymer composite. Journal Wuhan University of Technology, Materials Science Edition, 2007, 22, 638-642. | 1.0 | 0 |
| 42 | A novel fiber optic biosensor for nitric oxide determination based on vicinal diaminobenzozcridine fluorescent probe. Proceedings of SPIE, 2010, , . | 0.8 | 0 |
| 43 | A fiber optic cholesterol biosensor based on magnetic immobilized cholesterol oxidase. , 2016, , . | | 0 |