# Jintao Wang

List of Publications by Year
in descending order

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|---|---|---|---|
| 82 papers | 4,960 citations | 87843 38 h-index | 95218 68 g-index |
| 83 all docs | 83 docs citations | 83 times ranked | 4736 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Fabrication of polypropylene fabric with green composite coating for water/oil mixture and emulsion separation. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2022, 641, 128554. | 2.3 | 12 |
| 2 | Multilayered chitosan/kaolin@calcium carbonate composite films with excellent chemical and thermal stabilities for oil/water filtration realized by a facile layer-by-layer assembly. Separation and Purification Technology, 2022, 289, 120738. | 3.9 | 8 |
| 3 | Cationic guar gum-kaolin coated combined superhydrophilic and oleophobic nylon textile for efficient oil separation from wastewater. Journal of Cleaner Production, 2022, 347, 131302. | 4.6 | 10 |
| 4 | Effect of Crystallization on Shape Memory Effect of Poly(lactic Acid). Polymers, 2022, 14, 1569. | 2.0 | 12 |
| 5 | Facile preparation of hybrid coating-decorated cotton cloth with superoleophobicity in air for efficient light oil/water separation. Surfaces and Interfaces, 2022, 31, 102033. | 1.5 | 3 |
| 6 | Tolerant chitosan/carboxymethyl cellulose@calcium composite films on nylon fabric for high-flux water/oil separation. Carbohydrate Polymers, 2022, 294, 119832. | 5.1 | 11 |
| 7 | Recent advances in the potential applications of hollow kapok fiber-based functional materials. Cellulose, 2021, 28, 5269-5292. | 2.4 | 28 |
| 8 | Developing Ideal Metalorganic Hydrides for Hydrogen Storage: From Theoretical Prediction to Rational Fabrication. , 2021, 3, 1417-1425. | | 13 |
| 9 | Regulation of Strong Metalâ€Support Interaction by Alkaline Earth Metal Salts. Chemistry - an Asian Journal, 2021, 16, 2633-2640. | 1.7 | 4 |
| 10 | Preparation of underwater superoleophobic polyimide mesh for oil/water separation via a simple Ce/Cu-MOF in-situ growth strategy. Surface and Coatings Technology, 2021, 421, 127422. | 2.2 | 21 |
| 11 | Superhydrophobic nylon fabric with kaolin coating for oil removal under harsh water environments. Applied Clay Science, 2021, 214, 106294. | 2.6 | 7 |
| 12 | Fabrication of oxygen vacancies through assembling an amorphous titanate overlayer on titanium oxide for a catalytic waterâ€“gas shift reaction. Journal of Materials Chemistry A, 2021, 9, 2784-2791. | 5.2 | 19 |
| 13 | Fabrication of More Oxygen Vacancies and Depression of Encapsulation for Superior Catalysis in the Waterâ€“Gas Shift Reaction. Journal of Physical Chemistry Letters, 2021, 12, 10646-10653. | 2.1 | 6 |
| 14 | Fabrication of water-repellent double-layered polydopamine/copper films on mesh with improved abrasion and corrosion resistance by solution-phase reduction for oily wastewater treatment. Separation and Purification Technology, 2020, 233, 116005. | 3.9 | 34 |
| 15 | Calcium ions enhanced mussel-inspired underwater superoleophobic coating with superior mechanical stability and hot water repellence for efficient oil/water separation. Applied Surface Science, 2020, 503, 144180. | 3.1 | 30 |
| 16 | Syntheses of Ptâ€Ni Hollow Nanoalloy for Hydrogen Generation from Catalytic Hydrolysis of Ammonia Borane. ChemCatChem, 2020, 12, 4257-4261. | 1.8 | 16 |
| 17 | Eco-friendly and facile fabrication of polyimide mesh with underwater superoleophobicity for oil/water separation via polydopamine/starch hybrid decoration. Separation and Purification Technology, 2020, 250, 117228. | 3.9 | 23 |
| 18 | A pair of MnO2 nanocrystal coatings with inverse wettability on metal meshes for efficient oil/water separation. Separation and Purification Technology, 2019, 209, 119-127. | 3.9 | 42 |

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|---|---|---|---|
| 19 | A machine vision system for early detection and prediction of sick birds: A broiler chicken model. Biosystems Engineering, 2019, 188, 229-242. | 1.9 | 71 |
| 20 | Eco-friendly and scratch-resistant hybrid coating on mesh for gravity-driven oil/water separation. Journal of Cleaner Production, 2019, 241, 118369. | 4.6 | 40 |
| 21 | A simple and eco-friendly route for fabricating iron-based coating on metal mesh for efficient oil/water separation. Separation and Purification Technology, 2019, 226, 31-38. | 3.9 | 28 |
| 22 | Transposon insertion causes cadherin mis-splicing and confers resistance to Bt cotton in pink bollworm from China. Scientific Reports, 2019, 9, 7479. | 1.6 | 31 |
| 23 | Construction of superhydrophobic copper film on stainless steel mesh by a simple liquid phase chemical reduction for efficient oil/water separation. Applied Surface Science, 2019, 486, 394-404. | 3.1 | 32 |
| 24 | Pink Bollworm Resistance to Bt Toxin Cry1Ac Associated with an Insertion in Cadherin Exon 20. Toxins, 2019, 11, 186. | 1.5 | 29 |
| 25 | Remodeling of raw cotton fiber into flexible, squeezing-resistant macroporous cellulose aerogel with high oil retention capability for oil/water separation. Separation and Purification Technology, 2019, 221, 303-310. | 3.9 | 100 |
| 26 | Integrated device based on cauliflower-like nickel hydroxide particlesâ€“coated fabrics with inverse wettability for highly efficient oil/hot alkaline water separation. Journal of Colloid and Interface Science, 2019, 534, 228-238. | 5.0 | 46 |
| 27 | Ultra-hydrophobic and mesoporous silica aerogel membranes for efficient separation of surfactant-stabilized water-in-oil emulsion separation. Separation and Purification Technology, 2019, 212, 597-604. | 3.9 | 54 |
| 28 | Flame-retardant superhydrophobic coating derived from fly ash on polymeric foam for efficient oil/corrosive water and emulsion separation. Journal of Colloid and Interface Science, 2018, 525, 11-20. | 5.0 | 56 |
| 29 | Resistance to Bacillus thuringiensis linked with a cadherin transmembrane mutation affecting cellular trafficking in pink bollworm from China. Insect Biochemistry and Molecular Biology, 2018, 94, 28-35. | 1.2 | 37 |
| 30 | One-step fabrication of coating-free mesh with underwater superoleophobicity for highly efficient oil/water separation. Surface and Coatings Technology, 2018, 340, 1-7. | 2.2 | 18 |
| 31 | Easily enlarged and coating-free underwater superoleophobic fabric for oil/water and emulsion separation via a facile NaClO2 treatment. Separation and Purification Technology, 2018, 195, 358-366. | 3.9 | 44 |
| 32 | Preparation and oil absorbency of kapok-g-butyl methacrylate. Environmental Technology (United Kingdom), 2018, 39, 1089-1095. | 1.2 | 7 |
| 33 | Highly efficient oil-in-water emulsion and oil layer/water mixture separation based on durably superhydrophobic sponge prepared via a facile route. Marine Pollution Bulletin, 2018, 127, 108-116. | 2.3 | 78 |
| 34 | Interactions between serum folate and human papillomavirus with cervical intraepithelial neoplasia risk in a Chinese population-based study. American Journal of Clinical Nutrition, 2018, 108, 1034-1042. | 2.2 | 16 |
| 35 | A forensic investigation of the Taihe arch bridge collapse. Engineering Structures, 2018, 176, 881-891. | 2.6 | 10 |
| 36 | Facile synthesis of flexible mesoporous aerogel with superhydrophobicity for efficient removal of layered and emulsified oil from water. Journal of Colloid and Interface Science, 2018, 530, 372-382. | 5.0 | 64 |

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|---|---|---|---|
| 37 | Eco-friendly construction of oil collector with superhydrophobic coating for efficient oil layer sorption and oil-in-water emulsion separation. Surface and Coatings Technology, 2018, 350, 234-244. | 2.2 | 22 |
| 38 | Hybridizing transgenic Bt cotton with non-Bt cotton counters resistance in pink bollworm. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 5413-5418. | 3.3 | 78 |
| 39 | Hydrothermal fabrication of robustly superhydrophobic cotton fibers for efficient separation of oil/water mixtures and oil-in-water emulsions. Journal of Industrial and Engineering Chemistry, 2017, 54, 174-183. | 2.9 | 73 |
| 40 | Robust and durable superhydrophobic fabrics fabricated via simple Cu nanoparticles deposition route and its application in oil/water separation. Marine Pollution Bulletin, 2017, 119, 64-71. | 2.3 | 44 |
| 41 | Oil/water mixtures and emulsions separation of stearic acid-functionalized sponge fabricated via a facile one-step coating method. Separation and Purification Technology, 2017, 181, 183-191. | 3.9 | 70 |
| 42 | Proprotein convertase subtilisin/kexin type 9 (PCSK9) Deficiency is Protective Against Venous Thrombosis in Mice. Scientific Reports, 2017, 7, 14360. | 1.6 | 32 |
| 43 | Robustly superhydrophobic/superoleophilic kapok fiber with ZnO nanoneedles coating: Highly efficient separation of oil layer in water and capture of oil droplets in oil-in-water emulsions. Industrial Crops and Products, 2017, 108, 303-311. | 2.5 | 62 |
| 44 | Pharmacological inhibition of PTEN attenuates cognitive deficits caused by neonatal repeated exposures to isoflurane via inhibition of NR2B-mediated tau phosphorylation in rats. Neuropharmacology, 2017, 114, 135-145. | 2.0 | 15 |
| 45 | Psgl-1 Deficiency is Protective against Stroke in a Murine Model of Lupus. Scientific Reports, 2016, 6, 28997. | 1.6 | 13 |
| 46 | Investigation on the Effect of Poly(butylmethacrylate)/attapulgite Nanocomposites for Oil Absorption. Water Environment Research, 2016, 88, 1994-2000. | 1.3 | 2 |
| 47 | Adult Exposure to Bt Toxin Cry1Ac Reduces Life Span and Reproduction of Resistant and Susceptible Pink Bollworm (Lepidoptera: Gelechiidae). Journal of Economic Entomology, 2016, 109, 1357-1363. | 0.8 | 1 |
| 48 | Magnetically superhydrophobic kapok fiber for selective sorption and continuous separation of oil from water. Chemical Engineering Research and Design, 2016, 115, 122-130. | 2.7 | 59 |
| 49 | Octahedral ruthenium complexes selectively stabilize G-quadruplexes. Chemical Communications, 2016, 52, 8095-8098. | 2.2 | 24 |
| 50 | Durably superhydrophobic textile based on fly ash coating for oil/water separation and selective oil removal from water. Separation and Purification Technology, 2016, 164, 138-145. | 3.9 | 60 |
| 51 | Simple and eco-friendly fabrication of superhydrophobic textile for oil/water separation. Environmental Technology (United Kingdom), 2016, 37, 1591-1596. | 1.2 | 20 |
| 52 | Oilâ€“water separation capability of superhydrophobic fabrics fabricated via combining polydopamine adhesion with lotusâ€leafâ€like structure. Journal of Applied Polymer Science, 2015, 132, . | 1.3 | 37 |
| 53 | Highly recyclable superhydrophobic sponge suitable for the selective sorption of high viscosity oil from water. Marine Pollution Bulletin, 2015, 97, 118-124. | 2.3 | 42 |
| 54 | Double biomimetic fabrication of robustly superhydrophobic cotton fiber and its application in oil spill cleanup. Industrial Crops and Products, 2015, 77, 36-43. | 2.5 | 44 |

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|---|---|---|---|
| 55 | Research and application of kapok fiber as an absorbing material: A mini review. Journal of Environmental Sciences, 2015, 27, 21-32. | 3.2 | 147 |
| 56 | Glipizide, an antidiabetic drug, suppresses tumor growth and metastasis by inhibiting angiogenesis. Oncotarget, 2014, 5, 9966-9979. | 0.8 | 46 |
| 57 | Kinetic and Thermodynamic Studies on the Removal of Oil from Water Using Superhydrophobic Kapok Fiber. Water Environment Research, 2014, 86, 360-365. | 1.3 | 13 |
| 58 | Increased stroke size following MCA occlusion in a mouse model of sickle cell disease. Blood, 2014, 123, 1965-1967. | 0.6 | 9 |
| 59 | Preparation and properties of kapok fiber enhanced oil sorption resins by suspended emulsion polymerization. Journal of Applied Polymer Science, 2013, 127, 2184-2191. | 1.3 | 36 |
| 60 | Investigation of acetylated kapok fibers on the sorption of oil in water. Journal of Environmental Sciences, 2013, 25, 246-253. | 3.2 | 85 |
| 61 | Coated kapok fiber for removal of spilled oil. Marine Pollution Bulletin, 2013, 69, 91-96. | 2.3 | 114 |
| 62 | Synthesis and oil absorption of poly(butylmethacrylate)/organoâ€attapulgite nanocomposite by suspended emulsion polymerization. Polymer Composites, 2013, 34, 274-281. | 2.3 | 20 |
| 63 | Investigation of oil sorption capability of PBMA/SiO2 coated kapok fiber. Chemical Engineering Journal, 2013, 223, 632-637. | 6.6 | 77 |
| 64 | Acetylated modification of kapok fiber and application for oil absorption. Fibers and Polymers, 2013, 14, 1834-1840. | 1.1 | 46 |
| 65 | Superhydrophobic kapok fiber oil-absorbent: Preparation and high oil absorbency. Chemical Engineering Journal, 2012, 213, 1-7. | 6.6 | 253 |
| 66 | Adsorption of methylene blue by kapok fiber treated by sodium chlorite optimized with response surface methodology. Chemical Engineering Journal, 2012, 184, 248-255. | 6.6 | 150 |
| 67 | Effect of kapok fiber treated with various solvents on oil absorbency. Industrial Crops and Products, 2012, 40, 178-184. | 2.5 | 231 |
| 68 | Telomerase-Mediated Apoptosis of Chicken Lymphoblastoid Tumor Cell Line by Lanthanum Chloride. Biological Trace Element Research, 2011, 144, 657-667. | 1.9 | 9 |
| 69 | Isoflurane enhances the expression of cytochrome C by facilitation of NMDA receptor in developing rat hippocampal neurons in vitro. Journal of Huazhong University of Science and Technology [Medical Sciences], 2011, 31, 779-783. | 1.0 | 5 |
| 70 | Effects of atrazine and chlorpyrifos on acetylcholinesterase and Carboxylesterase in brain and muscle of common carp. Environmental Toxicology and Pharmacology, 2010, 30, 26-30. | 2.0 | 57 |
| 71 | Effects of subchronic cadmium poisoning on DNA methylation in hens. Environmental Toxicology and Pharmacology, 2009, 27, 345-349. | 2.0 | 41 |
| 72 | Ketamine: The best partner for isoflurane in neonatal anesthesia?. Medical Hypotheses, 2008, 71, 868-871. | 0.8 | 8 |

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|---|---|---|---|
| 73 | Stimuli-Responsive Zwitterionic Block Copolypeptides: Poly(N-isopropylacrylamide)-block-poly(lysine-co-glutamic acid). Biomacromolecules, 2008, 9, 2670-2676. | 2.6 | 70 |
| 74 | How replicable are mRNA expression QTL?. Mammalian Genome, 2006, 17, 643-656. | 1.0 | 56 |
| 75 | Integrative genetic analysis of transcription modules: towards filling the gap between genetic loci and inherited traits. Human Molecular Genetics, 2006, 15, 481-492. | 1.4 | 38 |
| 76 | Uncovering regulatory pathways that affect hematopoietic stem cell function using 'genetical genomics'. Nature Genetics, 2005, 37, 225-232. | 9.4 | 366 |
| 77 | Complex trait analysis of gene expression uncovers polygenic and pleiotropic networks that modulate nervous system function. Nature Genetics, 2005, 37, 233-242. | 9.4 | 695 |
| 78 | Inferring gene transcriptional modulatory relations: a genetical genomics approach. Human Molecular Genetics, 2005, 14, 1119-1125. | 1.4 | 76 |
| 79 | Weighting by heritability for detection of quantitative trait loci with microarray estimates of gene expression. Genome Biology, 2005, 6, R27. | 13.9 | 11 |
| 80 | WebQTL: rapid exploratory analysis of gene expression and genetic networks for brain and behavior. Nature Neuroscience, 2004, 7, 485-486. | 7.1 | 176 |
| 81 | WebQTL: Web-Based Complex Trait Analysis. Neuroinformatics, 2003, 1, 299-308. | 1.5 | 249 |
| 82 | Genetic Correlates of Gene Expression in Recombinant Inbred Strains: A Relational Model System to Explore Neurobehavioral Phenotypes. Neuroinformatics, 2003, 1, 343-358. | 1.5 | 118 |