

Jintao Wang

List of Publications by Year in descending order

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82
papers

4,960
citations

87723

38
h-index

95083

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. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 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. <i>Separation and Purification Technology</i> , 2022, 289, 120738.	3.9	8
3	Cationic guar gum-kaolin coated combined superhydrophilic and oleophobic nylon textile for efficient oil separation from wastewater. <i>Journal of Cleaner Production</i> , 2022, 347, 131302.	4.6	10
4	Effect of Crystallization on Shape Memory Effect of Poly(lactic Acid). <i>Polymers</i> , 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. <i>Surfaces and Interfaces</i> , 2022, 31, 102033.	1.5	3
6	Tolerant chitosan/carboxymethyl cellulose@calcium composite films on nylon fabric for high-flux water/oil separation. <i>Carbohydrate Polymers</i> , 2022, 294, 119832.	5.1	11
7	Recent advances in the potential applications of hollow kapok fiber-based functional materials. <i>Cellulose</i> , 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 Metal-Support Interaction by Alkaline Earth Metal Salts. <i>Chemistry - an Asian Journal</i> , 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. <i>Surface and Coatings Technology</i> , 2021, 421, 127422.	2.2	21
11	Superhydrophobic nylon fabric with kaolin coating for oil removal under harsh water environments. <i>Applied Clay Science</i> , 2021, 214, 106294.	2.6	7
12	Fabrication of oxygen vacancies through assembling an amorphous titanate overlayer on titanium oxide for a catalytic water-gas shift reaction. <i>Journal of Materials Chemistry A</i> , 2021, 9, 2784-2791.	5.2	19
13	Fabrication of More Oxygen Vacancies and Depression of Encapsulation for Superior Catalysis in the Water-gas Shift Reaction. <i>Journal of Physical Chemistry Letters</i> , 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. <i>Separation and Purification Technology</i> , 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. <i>Applied Surface Science</i> , 2020, 503, 144180.	3.1	30
16	Syntheses of Pt-Ni Hollow Nanoalloy for Hydrogen Generation from Catalytic Hydrolysis of Ammonia Borane. <i>ChemCatChem</i> , 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. <i>Separation and Purification Technology</i> , 2020, 250, 117228.	3.9	23
18	A pair of MnO ₂ nanocrystal coatings with inverse wettability on metal meshes for efficient oil/water separation. <i>Separation and Purification Technology</i> , 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. <i>Biosystems Engineering</i> , 2019, 188, 229-242.	1.9	71
20	Eco-friendly and scratch-resistant hybrid coating on mesh for gravity-driven oil/water separation. <i>Journal of Cleaner Production</i> , 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. <i>Separation and Purification Technology</i> , 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. <i>Scientific Reports</i> , 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. <i>Applied Surface Science</i> , 2019, 486, 394-404.	3.1	32
24	Pink Bollworm Resistance to Bt Toxin Cry1Ac Associated with an Insertion in Cadherin Exon 20. <i>Toxins</i> , 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. <i>Separation and Purification Technology</i> , 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. <i>Journal of Colloid and Interface Science</i> , 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. <i>Separation and Purification Technology</i> , 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. <i>Journal of Colloid and Interface Science</i> , 2018, 525, 11-20.	5.0	56
29	Resistance to <i>Bacillus thuringiensis</i> linked with a cadherin transmembrane mutation affecting cellular trafficking in pink bollworm from China. <i>Insect Biochemistry and Molecular Biology</i> , 2018, 94, 28-35.	1.2	37
30	One-step fabrication of coating-free mesh with underwater superoleophobicity for highly efficient oil/water separation. <i>Surface and Coatings Technology</i> , 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 NaClO ₂ treatment. <i>Separation and Purification Technology</i> , 2018, 195, 358-366.	3.9	44
32	Preparation and oil absorbency of kapok- <i>g</i> -butyl methacrylate. <i>Environmental Technology (United Kingdom)</i> , 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. <i>Marine Pollution Bulletin</i> , 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. <i>American Journal of Clinical Nutrition</i> , 2018, 108, 1034-1042.	2.2	16
35	A forensic investigation of the Taihe arch bridge collapse. <i>Engineering Structures</i> , 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. <i>Journal of Colloid and Interface Science</i> , 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. <i>Surface and Coatings Technology</i> , 2018, 350, 234-244.	2.2	22
38	Hybridizing transgenic Bt cotton with non-Bt cotton counters resistance in pink bollworm. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 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. <i>Journal of Industrial and Engineering Chemistry</i> , 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. <i>Marine Pollution Bulletin</i> , 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. <i>Separation and Purification Technology</i> , 2017, 181, 183-191.	3.9	70
42	Proprotein convertase subtilisin/kexin type 9 (PCSK9) Deficiency is Protective Against Venous Thrombosis in Mice. <i>Scientific Reports</i> , 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. <i>Industrial Crops and Products</i> , 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. <i>Neuropharmacology</i> , 2017, 114, 135-145.	2.0	15
45	Psgl-1 Deficiency is Protective against Stroke in a Murine Model of Lupus. <i>Scientific Reports</i> , 2016, 6, 28997.	1.6	13
46	Investigation on the Effect of Poly(butylmethacrylate)/attapulgit Nanocomposites for Oil Absorption. <i>Water Environment Research</i> , 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 (<i>Lepidoptera: Gelechiidae</i>). <i>Journal of Economic Entomology</i> , 2016, 109, 1357-1363.	0.8	1
48	Magnetically superhydrophobic kapok fiber for selective sorption and continuous separation of oil from water. <i>Chemical Engineering Research and Design</i> , 2016, 115, 122-130.	2.7	59
49	Octahedral ruthenium complexes selectively stabilize G-quadruplexes. <i>Chemical Communications</i> , 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. <i>Separation and Purification Technology</i> , 2016, 164, 138-145.	3.9	60
51	Simple and eco-friendly fabrication of superhydrophobic textile for oil/water separation. <i>Environmental Technology (United Kingdom)</i> , 2016, 37, 1591-1596.	1.2	20
52	Oil-water separation capability of superhydrophobic fabrics fabricated via combining polydopamine adhesion with lotus-leaf-like structure. <i>Journal of Applied Polymer Science</i> , 2015, 132, .	1.3	37
53	Highly recyclable superhydrophobic sponge suitable for the selective sorption of high viscosity oil from water. <i>Marine Pollution Bulletin</i> , 2015, 97, 118-124.	2.3	42
54	Double biomimetic fabrication of robustly superhydrophobic cotton fiber and its application in oil spill cleanup. <i>Industrial Crops and Products</i> , 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. <i>Journal of Environmental Sciences</i> , 2015, 27, 21-32.	3.2	147
56	Glipizide, an antidiabetic drug, suppresses tumor growth and metastasis by inhibiting angiogenesis. <i>Oncotarget</i> , 2014, 5, 9966-9979.	0.8	46
57	Kinetic and Thermodynamic Studies on the Removal of Oil from Water Using Superhydrophobic Kapok Fiber. <i>Water Environment Research</i> , 2014, 86, 360-365.	1.3	13
58	Increased stroke size following MCA occlusion in a mouse model of sickle cell disease. <i>Blood</i> , 2014, 123, 1965-1967.	0.6	9
59	Preparation and properties of kapok fiber enhanced oil sorption resins by suspended emulsion polymerization. <i>Journal of Applied Polymer Science</i> , 2013, 127, 2184-2191.	1.3	36
60	Investigation of acetylated kapok fibers on the sorption of oil in water. <i>Journal of Environmental Sciences</i> , 2013, 25, 246-253.	3.2	85
61	Coated kapok fiber for removal of spilled oil. <i>Marine Pollution Bulletin</i> , 2013, 69, 91-96.	2.3	114
62	Synthesis and oil absorption of poly(butylmethacrylate)/organoattapulgite nanocomposite by suspended emulsion polymerization. <i>Polymer Composites</i> , 2013, 34, 274-281.	2.3	20
63	Investigation of oil sorption capability of PBMA/SiO ₂ coated kapok fiber. <i>Chemical Engineering Journal</i> , 2013, 223, 632-637.	6.6	77
64	Acetylated modification of kapok fiber and application for oil absorption. <i>Fibers and Polymers</i> , 2013, 14, 1834-1840.	1.1	46
65	Superhydrophobic kapok fiber oil-absorbent: Preparation and high oil absorbency. <i>Chemical Engineering Journal</i> , 2012, 213, 1-7.	6.6	253
66	Adsorption of methylene blue by kapok fiber treated by sodium chlorite optimized with response surface methodology. <i>Chemical Engineering Journal</i> , 2012, 184, 248-255.	6.6	150
67	Effect of kapok fiber treated with various solvents on oil absorbency. <i>Industrial Crops and Products</i> , 2012, 40, 178-184.	2.5	231
68	Telomerase-Mediated Apoptosis of Chicken Lymphoblastoid Tumor Cell Line by Lanthanum Chloride. <i>Biological Trace Element Research</i> , 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. <i>Journal of Huazhong University of Science and Technology [Medical Sciences]</i> , 2011, 31, 779-783.	1.0	5
70	Effects of atrazine and chlorpyrifos on acetylcholinesterase and Carboxylesterase in brain and muscle of common carp. <i>Environmental Toxicology and Pharmacology</i> , 2010, 30, 26-30.	2.0	57
71	Effects of subchronic cadmium poisoning on DNA methylation in hens. <i>Environmental Toxicology and Pharmacology</i> , 2009, 27, 345-349.	2.0	41
72	Ketamine: The best partner for isoflurane in neonatal anesthesia?. <i>Medical Hypotheses</i> , 2008, 71, 868-871.	0.8	8

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