

Wei-Min Cai

List of Publications by Year in descending order

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144
papers

8,467
citations

57631

44
h-index

46693

89
g-index

145
all docs

145
docs citations

145
times ranked

11563
citing authors

#	ARTICLE	IF	CITATIONS
1	Inhibition of Human UDP-Glucuronosyltransferases 1A1-Mediated Bilirubin Glucuronidation by the Popular Flavonoids Baicalein, Baicalin, and Hyperoside Is Responsible for Herb (Shuang-Huang-Lian)-Induced Jaundice. <i>Drug Metabolism and Disposition</i> , 2022, 50, 552-565.	1.7	3
2	Simultaneous Characterization and Determination of Warfarin and Its Hydroxylation Metabolites in Rat Plasma by Chiral Liquid Chromatography-Tandem Mass Spectrometry. <i>Pharmaceutics</i> , 2022, 14, 1141.	2.0	0
3	A physiologically based pharmacokinetic/pharmacodynamic modeling approach for drug-drug interaction evaluation of warfarin enantiomers with sorafenib. <i>Drug Metabolism and Pharmacokinetics</i> , 2021, 39, 100362.	1.1	7
4	A Validated LC-MS/MS Method for the Simultaneous Determination of Ticagrelor, Its Two Metabolites and Major Constituents of Tea Polyphenols in Rat Plasma and Its Application in a Pharmacokinetic Study. <i>Journal of Chromatographic Science</i> , 2021, 59, 510-520.	0.7	4
5	A Survey of Pharmacogenomics Testing Among Physicians, Pharmacists, and Researchers From China. <i>Frontiers in Pharmacology</i> , 2021, 12, 682020.	1.6	14
6	A Novel Method for Predicting the Human Inherent Clearance and Its Application in the Study of the Pharmacokinetics and Drug-Drug Interaction between Azidothymidine and Fluconazole Mediated by UGT Enzyme. <i>Pharmaceutics</i> , 2021, 13, 1734.	2.0	1
7	Novel Subgroups and Chronic Complications of Diabetes in Middle-Aged and Elderly Chinese: A Prospective Cohort Study. <i>Frontiers in Endocrinology</i> , 2021, 12, 802114.	1.5	7
8	Mechanistic examination of methimazole-induced hepatotoxicity in patients with Graves' disease: a metabolomic approach. <i>Archives of Toxicology</i> , 2020, 94, 231-244.	1.9	8
9	Predicting the effect of tea polyphenols on ticagrelor by incorporating transporter-enzyme interplay mechanism. <i>Chemico-Biological Interactions</i> , 2020, 330, 109228.	1.7	3
10	Predicting the Effects of CYP2C19 and Carboxylesterases on Vicagrel, a Novel P2Y12 Antagonist, by Physiologically Based Pharmacokinetic/Pharmacodynamic Modeling Approach. <i>Frontiers in Pharmacology</i> , 2020, 11, 591854.	1.6	6
11	Medication therapy strategies for the coronavirus disease 2019 (COVID-19): recent progress and challenges. <i>Expert Review of Clinical Pharmacology</i> , 2020, 13, 957-975.	1.3	6
12	Investigating the interaction between nifedipine and ritonavir-containing antiviral regimens: A physiologically based pharmacokinetic/pharmacodynamic analysis. <i>British Journal of Clinical Pharmacology</i> , 2020, 87, 2790-2806.	1.1	10
13	Effect of tea polyphenols on the oral and intravenous pharmacokinetics of ticagrelor in rats and its in vitro metabolism. <i>Journal of Food Science</i> , 2020, 85, 1285-1291.	1.5	8
14	A novel strategy for prediction of human plasma protein binding using machine learning techniques. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2020, 199, 103962.	1.8	23
15	SREBP1 siRNA enhance the docetaxel effect based on a bone-cancer dual-targeting biomimetic nanosystem against bone metastatic castration-resistant prostate cancer. <i>Theranostics</i> , 2020, 10, 1619-1632.	4.6	43
16	Association between genetic polymorphisms of SLCO1B1 and susceptibility to methimazole-induced liver injury. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2019, 125, 508-517.	1.2	12
17	Prediction of pharmacokinetic drug-drug interactions causing atorvastatin-induced rhabdomyolysis using physiologically based pharmacokinetic modelling. <i>Biomedicine and Pharmacotherapy</i> , 2019, 119, 109416.	2.5	25
18	Association of HLA-C*03:02 with methimazole-induced liver injury in Graves' disease patients. <i>Biomedicine and Pharmacotherapy</i> , 2019, 117, 109095.	2.5	23

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19	Does nab-paclitaxel have a higher incidence of peripheral neuropathy than solvent-based paclitaxel? Evidence from a systematic review and meta-analysis. <i>Critical Reviews in Oncology/Hematology</i> , 2019, 139, 16-23.	2.0	18
20	Alphalipoic Acid Prevents Oxidative Stress and Peripheral Neuropathy in Nab-Paclitaxel-Treated Rats through the Nrf2 Signalling Pathway. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-11.	1.9	34
21	Establishment of rat liver microsome-hydrogel system for in vitro phase II metabolism and its application to study pharmacological effects of UGT substrates. <i>Drug Metabolism and Pharmacokinetics</i> , 2019, 34, 141-147.	1.1	6
22	Association of Hepatic Nuclear Factor 4 Alpha Gene Polymorphisms With Free Imatinib Plasma Levels and Adverse Reactions in Chinese Gastrointestinal Stromal Tumor Patients. <i>Therapeutic Drug Monitoring</i> , 2019, 41, 582-590.	1.0	2
23	Physiologically Based Pharmacokinetic Modeling to Understand the Absorption of Risperidone Orodispersible Film. <i>Frontiers in Pharmacology</i> , 2019, 10, 1692.	1.6	12
24	Novel in vitro dynamic metabolic system for predicting the human pharmacokinetics of tolbutamide. <i>Acta Pharmacologica Sinica</i> , 2018, 39, 1522-1532.	2.8	1
25	HTR1A/1B DNA methylation may predict escitalopram treatment response in depressed Chinese Han patients. <i>Journal of Affective Disorders</i> , 2018, 228, 222-228.	2.0	38
26	Establishment and assessment of a novel in vitro bio-PK/PD system in predicting the in vivo pharmacokinetics and pharmacodynamics of cyclophosphamide. <i>Xenobiotica</i> , 2018, 48, 368-375.	0.5	4
27	Prediction of Drug-Drug Interaction between Tacrolimus and Principal Ingredients of Wuzhi Capsule in Chinese Healthy Volunteers Using Physiologically-Based Pharmacokinetic Modelling. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2018, 122, 331-340.	1.2	38
28	Association of DNA methylation in BDNF with escitalopram treatment response in depressed Chinese Han patients. <i>European Journal of Clinical Pharmacology</i> , 2018, 74, 1011-1020.	0.8	42
29	Prediction of Drug-Drug Interactions with Bupropion and Its Metabolites as CYP2D6 Inhibitors Using a Physiologically-Based Pharmacokinetic Model. <i>Pharmaceutics</i> , 2018, 10, 1.	2.0	276
30	Inhibition of Human UGT1A1-Mediated Bilirubin Glucuronidation by Polyphenolic Acids Impact Safety of Popular Salviannolic Acid A/B-Containing Drugs and Herbal Products. <i>Molecular Pharmaceutics</i> , 2017, 14, 2952-2966.	2.3	12
31	Do renin-angiotensin system inhibitors influence the recurrence, metastasis, and survival in cancer patients?. <i>Medicine (United States)</i> , 2017, 96, e6394.	0.4	59
32	Fused Deposition Modeling (FDM) 3D Printed Tablets for Intra-gastric Floating Delivery of Domperidone. <i>Scientific Reports</i> , 2017, 7, 2829.	1.6	212
33	Genetic Polymorphisms Contribute to the Individual Variations of Imatinib Mesylate Plasma Levels and Adverse Reactions in Chinese GIST Patients. <i>International Journal of Molecular Sciences</i> , 2017, 18, 603.	1.8	31
34	Drug activity screening based on microsomes-hydrogel system in predicting metabolism induced antitumor effect of oroxylin A. <i>Scientific Reports</i> , 2016, 6, 21604.	1.6	9
35	K-Ras mutation detection in liquid biopsy and tumor tissue as prognostic biomarker in patients with pancreatic cancer: a systematic review with meta-analysis. <i>Medical Oncology</i> , 2016, 33, 61.	1.2	21
36	No Association Between Calcium Channel Blockers and Survival in Patients with Cancer: A Systematic Review and Meta-analysis. <i>Asian Pacific Journal of Cancer Prevention</i> , 2016, 17, 3917-21.	0.5	4

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37	Effect of CYP2B6 Gene Polymorphisms on Efavirenz Plasma Concentrations in Chinese Patients with HIV Infection. <i>PLoS ONE</i> , 2015, 10, e0130583.	1.1	19
38	Understanding the composition and electronic structure dependent photocatalytic performance of bismuth oxyiodides. <i>Journal of Materials Chemistry A</i> , 2015, 3, 5592-5598.	5.2	90
39	Amiloride sensitizes human pancreatic cancer cells to erlotinib in vitro through inhibition of the PI3K/AKT signaling pathway. <i>Acta Pharmacologica Sinica</i> , 2015, 36, 614-626.	2.8	22
40	Application of a New Dynamic Model to Predict the In Vitro Intrinsic Clearance of Tolbutamide Using Rat Microsomes Encapsulated in a Fab Hydrogel. <i>Drug Metabolism and Disposition</i> , 2015, 44, 40-49.	1.7	5
41	Physicochemical characteristics and gastrointestinal absorption behaviors of S-propargyl-cysteine, a potential new drug candidate for cardiovascular protection and antitumor treatment. <i>Xenobiotica</i> , 2015, 45, 322-334.	0.5	4
42	Characterization of Metabolites of Leonurine (SCM-198) in Rats after Oral Administration by Liquid Chromatography/Tandem Mass Spectrometry and NMR Spectrometry. <i>Scientific World Journal</i> , The, 2014, 2014, 1-11.	0.8	7
43	Recombinant expression of different mutant K-ras gene in pancreatic cancer Bxpc-3 cells and its effects on chemotherapy sensitivity. <i>Science China Life Sciences</i> , 2014, 57, 1011-1017.	2.3	10
44	A simple, rapid, economical, and practical method for the determination of efavirenz in plasma of Chinese AIDS patients by reverse phase high-performance liquid chromatography with ultraviolet detector. <i>BioScience Trends</i> , 2014, 8, 227-234.	1.1	6
45	Simultaneous determination of bilirubin and its glucuronides in liver microsomes and recombinant UGT1A1 enzyme incubation systems by HPLC method and its application to bilirubin glucuronidation studies. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014, 92, 149-159.	1.4	30
46	Bioprocess intensification: an aqueous two-phase process for the purification of C-phycoerythrin from dry <i>Spirulina platensis</i> . <i>European Food Research and Technology</i> , 2014, 238, 451-457.	1.6	40
47	Aerated visible-light responsive photocatalytic fuel cell for wastewater treatment with producing sustainable electricity in neutral solution. <i>Chemical Engineering Journal</i> , 2014, 252, 89-94.	6.6	58
48	Identification of UDP-glucuronosyltransferase isoforms responsible for leonurine glucuronidation in human liver and intestinal microsomes. <i>Xenobiotica</i> , 2014, 44, 775-784.	0.5	6
49	Advanced nanoarchitectures of silver/silver compound composites for photochemical reactions. <i>Nanoscale</i> , 2014, 6, 7730-7742.	2.8	38
50	Origin of Visible Light Photoactivity of Reduced Graphene Oxide/TiO ₂ by in Situ Hydrothermal Growth of Undergrown TiO ₂ with Graphene Oxide. <i>Journal of Physical Chemistry C</i> , 2013, 117, 16734-16741.	1.5	113
51	Influence of genetic and non-genetic factors on the plasma concentrations of the clopidogrel metabolite (SR26334) among Chinese patients. <i>Clinica Chimica Acta</i> , 2013, 416, 50-53.	0.5	3
52	One-step synthesis of Pt nanoparticles/reduced graphene oxide composite with enhanced electrochemical catalytic activity. <i>Science China Chemistry</i> , 2013, 56, 354-361.	4.2	20
53	Self-assembled nanostructured composites for solar absorber. <i>Materials Letters</i> , 2013, 93, 269-271.	1.3	14
54	Encapsulation of liver microsomes into a thermosensitive hydrogel for characterization of drug metabolism and toxicity. <i>Biomaterials</i> , 2013, 34, 9770-9778.	5.7	18

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55	Preclinical assessment of the distribution, metabolism, and excretion of S-propargyl-cysteine, a novel H ₂ S donor, in Sprague-Dawley rats. <i>Acta Pharmacologica Sinica</i> , 2012, 33, 839-844.	2.8	13
56	Microbial degradation of polyacrylamide by aerobic granules. <i>Environmental Technology (United Kingdom)</i> , 2012, 33, 1129-1135.	1.2	29
57	Controlled growth of spinel CuAl ₂ O ₄ /Cu hybrid nanorods array by electrodeposition in porous aluminum oxide template. <i>Journal of Alloys and Compounds</i> , 2012, 545, 53-56.	2.8	5
58	Bioavailability and pharmacokinetics of S-propargyl-L-cysteine, a novel cardioprotective agent, after single and multiple doses in Beagle dogs. <i>Xenobiotica</i> , 2012, 42, 304-309.	0.5	7
59	Assessment of a COD analytical method based on the photoelectrocatalysis of a TiO ₂ nanotube array sensor. <i>Analytical Methods</i> , 2012, 4, 1790.	1.3	13
60	Visible-Light Responsive Photocatalytic Fuel Cell Based on WO ₃ /W Photoanode and Cu ₂ O/Cu Photocathode for Simultaneous Wastewater Treatment and Electricity Generation. <i>Environmental Science & Technology</i> , 2012, 46, 11451-11458.	4.6	167
61	Quantification of leonurine, a novel potential cardiovascular agent, in rat plasma by liquid chromatography-tandem mass spectrometry and its application to pharmacokinetic study in rats. <i>Biomedical Chromatography</i> , 2012, 26, 518-523.	0.8	10
62	Photoelectrocatalytic degradation of refractory organic compounds enhanced by a photocatalytic fuel cell. <i>Applied Catalysis B: Environmental</i> , 2012, 111-112, 485-491.	10.8	110
63	Preparation of well-aligned WO ₃ nanoflake arrays vertically grown on tungsten substrate as photoanode for photoelectrochemical water splitting. <i>Electrochemistry Communications</i> , 2012, 20, 153-156.	2.3	52
64	Synthesis and photocatalytic performance of the efficient visible light photocatalyst AgCl/BiVO ₄ . <i>Journal of Molecular Catalysis A</i> , 2012, 353-354, 22-28.	4.8	124
65	The hazardous hexavalent chromium formed on trivalent chromium conversion coating: The origin, influence factors and control measures. <i>Journal of Hazardous Materials</i> , 2012, 221-222, 56-61.	6.5	24
66	Reduction of graphene oxide by an in-situ photoelectrochemical method in a dye-sensitized solar cell assembly. <i>Nanoscale Research Letters</i> , 2012, 7, 101.	3.1	56
67	Efficient electricity production and simultaneously wastewater treatment via a high-performance photocatalytic fuel cell. <i>Water Research</i> , 2011, 45, 3991-3998.	5.3	138
68	A TiO ₂ -nanotube-array-based photocatalytic fuel cell using refractory organic compounds as substrates for electricity generation. <i>Chemical Communications</i> , 2011, 47, 10314.	2.2	156
69	Magnetically separable mesoporous silica nanocomposite and its application in Fenton catalysis. <i>Microporous and Mesoporous Materials</i> , 2011, 145, 217-223.	2.2	61
70	Optimization of phenol degradation by <i>Candida tropicalis</i> Z-04 using Plackett-Burman design and response surface methodology. <i>Journal of Environmental Sciences</i> , 2011, 23, 22-30.	3.2	107
71	A highly active bimetallic oxides catalyst supported on Al-containing MCM-41 for Fenton oxidation of phenol solution. <i>Applied Catalysis B: Environmental</i> , 2011, 110, 118-125.	10.8	164
72	Population pharmacokinetic study of cyclosporine in Chinese renal transplant recipients. <i>European Journal of Clinical Pharmacology</i> , 2011, 67, 601-612.	0.8	18

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73	Preparation and characterization of nanoparticle Ru:TiO ₂ films and their photocatalytic activity. <i>Rare Metals</i> , 2011, 30, 254-258.	3.6	6
74	Visible light responsive TiO ₂ modification with nonmetal elements. <i>Frontiers of Chemistry in China: Selected Publications From Chinese Universities</i> , 2011, 6, 190-199.	0.4	10
75	Effect of Structural Parameters of TiO ₂ Nanotube Arrays upon Their Photocatalytic/Photoelectrocatalytic Performance. <i>Chinese Journal of Chemistry</i> , 2011, 29, 2236-2242.	2.6	2
76	Highly stable CdS-modified short TiO ₂ nanotube array electrode for efficient visible-light hydrogen generation. <i>International Journal of Hydrogen Energy</i> , 2011, 36, 167-174.	3.8	115
77	Alkoxy-derived visible light activity of TiO ₂ synthesized at low temperature. <i>Journal of Molecular Catalysis A</i> , 2011, 335, 97-104.	4.8	10
78	Determination of S-propargyl-cysteine in rat plasma by mixed-mode reversed-phase and cation-exchange HPLC-MS/MS method and its application to pharmacokinetic studies. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2011, 54, 1187-1191.	1.4	14
79	Effect of Gold Nanoparticles on the Photocatalytic and Photoelectrochemical Performance of Au Modified BiVO ₄ . , 2011, 3, 171.		4
80	Establishment of High-Performance Liquid Chromatography and Enzyme Multiplied Immunoassay Technology Methods for Determination of Free Mycophenolic Acid and Its Application in Chinese Liver Transplant Recipients. <i>Therapeutic Drug Monitoring</i> , 2010, 32, 653-660.	1.0	31
81	Photoelectrochemical degradation of methyl orange by TiO ₂ nanopore arrays electrode and its comparison with TiO ₂ nanotube arrays electrode. <i>Water Science and Technology</i> , 2010, 62, 2783-2789.	1.2	1
82	Synthesis of Visible-Light Responsive Graphene Oxide/TiO ₂ Composites with p/n Heterojunction. <i>ACS Nano</i> , 2010, 4, 6425-6432.	7.3	829
83	A novel thin-layer photoelectrocatalytic (PEC) reactor with double-faced titania nanotube arrays electrode for effective degradation of tetracycline. <i>Applied Catalysis B: Environmental</i> , 2010, 98, 154-160.	10.8	57
84	Template-free sol-gel preparation and characterization of free-standing visible light responsive C,N-modified porous monolithic TiO ₂ . <i>Journal of Hazardous Materials</i> , 2010, 178, 560-565.	6.5	24
85	Preparation of visible light-responsive AgBiO ₃ bactericide and its control effect on the <i>Microcystis aeruginosa</i> . <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2010, 101, 265-270.	1.7	45
86	Optical, structural and thermal characteristics of Cu-CuAl ₂ O ₄ hybrids deposited in anodic aluminum oxide as selective solar absorber. <i>Solar Energy Materials and Solar Cells</i> , 2010, 94, 1578-1581.	3.0	46
87	A new glass substrate photoelectrocatalytic electrode for efficient visible-light hydrogen production: CdS sensitized TiO ₂ nanotube arrays. <i>Applied Catalysis B: Environmental</i> , 2010, 95, 408-413.	10.8	120
88	Synthesis and Photocatalytic Application of Hierarchical Macroporous TiO ₂ with Mesocellular Foam Structure Using Eggshell Membrane as Template. <i>International Conference on Bioinformatics and Biomedical Engineering: [proceedings] International Conference on Bioinformatics and Biomedical Engineering</i> , 2010, , .	0.0	1
89	Low temperature hydrothermal synthesis of N-doped TiO ₂ photocatalyst with high visible-light activity. <i>Journal of Alloys and Compounds</i> , 2010, 502, 289-294.	2.8	113
90	Enhanced Photoelectrochemical Properties of Cu ₂ O-loaded Short TiO ₂ Nanotube Array Electrode Prepared by Sonoelectrochemical Deposition. , 2010, 2, 277.		4

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91	The effects of drying following heat shock exposure of the desert moss <i>Syntrichia caninervis</i> . <i>Science of the Total Environment</i> , 2009, 407, 2411-2419.	3.9	23
92	Detection of C1236T, G2677T/A, and C3435T polymorphism of <i>MDR1</i> by amplification refractory mutation system PCR. <i>Journal of Clinical Laboratory Analysis</i> , 2009, 23, 110-116.	0.9	19
93	Comparison of photoelectrochemical properties of TiO ₂ -nanotube-array photoanode prepared by anodization in different electrolyte. <i>Environmental Chemistry Letters</i> , 2009, 7, 363-368.	8.3	48
94	Mechanisms of the stimulatory effects of rhamnolipid biosurfactant on rice straw hydrolysis. <i>Applied Energy</i> , 2009, 86, S233-S237.	5.1	52
95	Synthesis and characterization of self-cleaning cotton fabrics modified by TiO ₂ through a facile approach. <i>Surface and Coatings Technology</i> , 2009, 203, 3728-3733.	2.2	133
96	The enhanced adsorption of dibenzothiophene onto cerium/nickel-exchanged zeolite Y. <i>Journal of Hazardous Materials</i> , 2009, 163, 538-543.	6.5	113
97	The application of silicalite-1/fly ash cenosphere (S/FAC) zeolite composite for the adsorption of methyl tert-butyl ether (MTBE). <i>Journal of Hazardous Materials</i> , 2009, 165, 120-125.	6.5	31
98	Photoelectrocatalytic degradation of tetracycline by highly effective TiO ₂ nanopore arrays electrode. <i>Journal of Hazardous Materials</i> , 2009, 171, 678-683.	6.5	143
99	Preparation, characterization and visible-light activity of carbon modified TiO ₂ with two kinds of carbonaceous species. <i>Journal of Molecular Catalysis A</i> , 2009, 314, 35-41.	4.8	92
100	Efficient photochemical water splitting and organic pollutant degradation by highly ordered TiO ₂ nanopore arrays. <i>Applied Catalysis B: Environmental</i> , 2009, 89, 142-148.	10.8	96
101	Preparation of short, robust and highly ordered TiO ₂ nanotube arrays and their applications as electrode. <i>Applied Catalysis B: Environmental</i> , 2009, 92, 326-332.	10.8	69
102	Estimating N-acetyltransferase metabolic activity and pharmacokinetic parameters of isoniazid from genotypes in Chinese subjects. <i>Clinica Chimica Acta</i> , 2009, 405, 23-29.	0.5	8
103	Photoelectrocatalytic COD determination method using highly ordered TiO ₂ nanotube array. <i>Water Research</i> , 2009, 43, 1986-1992.	5.3	81
104	In-situ synthesis of photocatalytic CuAl ₂ O ₄ @Cu hybrid nanorod arrays. <i>Chemical Communications</i> , 2009, , 3588.	2.2	20
105	Preparation of photocatalytic anatase nanowire films by <i>in situ</i> oxidation of titanium plate. <i>Nanotechnology</i> , 2009, 20, 185703.	1.3	58
106	Effect of synthetic cationic surfactants on dewaterability and settleability of activated sludge. <i>International Journal of Environment and Pollution</i> , 2009, 37, 113.	0.2	7
107	Removing dye Rhodamine B from aqueous medium via wet peroxidation with V-MCM-41 and H ₂ O ₂ . <i>Water Science and Technology</i> , 2009, 59, 565-571.	1.2	2
108	Enhanced degradation of aqueous methyl orange by contact glow discharge electrolysis using Fe ²⁺ as catalyst. <i>Journal of Applied Electrochemistry</i> , 2008, 38, 1749-1755.	1.5	38

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109	The formation mechanism of titania nanotube arrays in hydrofluoric acid electrolyte. <i>Journal of Materials Science</i> , 2008, 43, 1880-1884.	1.7	76
110	Structure and photochromism of polyoxometalates nanoparticles in cross-linked polymer networks. <i>Journal of Materials Science: Materials in Electronics</i> , 2008, 19, 295-299.	1.1	4
111	Lactic acid production from dining hall food waste by <i>Lactobacillus plantarum</i> using response surface methodology. <i>Journal of Chemical Technology and Biotechnology</i> , 2008, 83, 1541-1550.	1.6	20
112	Adsorption of 4-tert-butylpyridine on TiO ₂ Surface in Dye-Sensitized Solar Cells. <i>Chinese Journal of Chemistry</i> , 2008, 26, 70-76.	2.6	16
113	Adsorption of MTBE on nano zeolite composites of selective supports. <i>Microporous and Mesoporous Materials</i> , 2008, 108, 50-55.	2.2	26
114	Experimental and mechanism research of SO ₂ removal by cast iron scraps in a magnetically fixed bed. <i>Journal of Hazardous Materials</i> , 2008, 153, 508-513.	6.5	27
115	Hybrid semiconductor electrodes for light-driven photoelectrochemical switches. <i>Electrochimica Acta</i> , 2008, 53, 4621-4626.	2.6	63
116	Photoelectrochemical properties of nanocrystalline Aurivillius phase Bi ₂ MoO ₆ film under visible light irradiation. <i>Chemical Physics Letters</i> , 2008, 461, 102-105.	1.2	76
117	Preparation and photochromic behavior of crosslinked polymer thin films containing polyoxometalates. <i>Thin Solid Films</i> , 2008, 516, 2864-2868.	0.8	25
118	Photoelectrochemical Properties of BiVO ₄ Film Electrode in Alkaline Solution. <i>Chinese Journal of Catalysis</i> , 2008, 29, 881-883.	6.9	10
119	Stimulatory effects of biosurfactant produced by <i>Pseudomonas aeruginosa</i> BSZ-07 on rice straw decomposing. <i>Journal of Environmental Sciences</i> , 2008, 20, 975-980.	3.2	15
120	Biosorption of Cu(II) on extracellular polymers from <i>Bacillus</i> sp. F19. <i>Journal of Environmental Sciences</i> , 2008, 20, 1288-1293.	3.2	31
121	Evaluation of microstructure and photochromic behavior of polyvinyl alcohol nanocomposite films containing polyoxometalates. <i>Materials Chemistry and Physics</i> , 2008, 109, 131-136.	2.0	45
122	Determination of Mycophenolic Acid (MPA) and Its Acyl and Phenol Glucuronide Metabolites Simultaneously in Human Plasma by a Simplified HPLC Method. <i>Analytical Letters</i> , 2007, 40, 2465-2475.	1.0	10
123	The Solubility Behavior of Bisphenol A in the Presence of Surfactants. <i>Journal of Chemical & Engineering Data</i> , 2007, 52, 2511-2513.	1.0	30
124	Compatibility of Polyurethane/(vinyl ester resin)(ethyl acrylate) Interpenetrating Polymer Network. <i>Polymer Journal</i> , 2007, 39, 1365-1372.	1.3	12
125	Preparation, characterization and photocatalytic activity of visible light driven chlorine-doped TiO ₂ . <i>Frontiers of Chemistry in China: Selected Publications From Chinese Universities</i> , 2007, 2, 278-282.	0.4	24
126	Application of a Well-Designed Cationic Polyelectrolyte for Activated Sludge Dewatering. <i>Journal of Chemical Engineering of Japan</i> , 2007, 40, 1113-1120.	0.3	1

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127	Efficient Photocatalytic Degradation of Phenol over Co ₃ O ₄ /BiVO ₄ Composite under Visible Light Irradiation. <i>Journal of Physical Chemistry B</i> , 2006, 110, 20211-20216.	1.2	819
128	Effects of extracellular polymeric substances on aerobic granulation in sequencing batch reactors. <i>Chemosphere</i> , 2006, 63, 1728-1735.	4.2	175
129	Correlation of electronic structures and crystal structures with photocatalytic properties of undoped, N-doped and I-doped TiO ₂ . <i>Chemical Physics Letters</i> , 2006, 420, 71-76.	1.2	100
130	The influence of various genotypes on the metabolic activity of NAT2 in a Chinese population. <i>European Journal of Clinical Pharmacology</i> , 2006, 62, 355-359.	0.8	32
131	The Phototoxicity of Xanthene Derivatives Against <i>Escherichia coli</i> , <i>Staphylococcus aureus</i> , and <i>Saccharomyces cerevisiae</i> . <i>Current Microbiology</i> , 2006, 52, 1-5.	1.0	83
132	Investigation on the formation and kinetics of glucose-fed aerobic granular sludge. <i>Enzyme and Microbial Technology</i> , 2005, 36, 712-716.	1.6	23
133	The important role of the hydroxy ion in phenol removal using pulsed corona discharge. <i>Journal of Electrostatics</i> , 2005, 63, 371-386.	1.0	65
134	Photocatalytic degradation of phenol in aqueous nitrogen-doped TiO ₂ suspensions with various light sources. <i>Applied Catalysis B: Environmental</i> , 2005, 57, 223-231.	10.8	245
135	Comparison of the fluorescence hybrid materials synthesized by two different methods. <i>Materials Letters</i> , 2005, 59, 74-79.	1.3	1
136	Visible-Light-Activated Nanoparticle Photocatalyst of Iodine-Doped Titanium Dioxide. <i>Chemistry of Materials</i> , 2005, 17, 1548-1552.	3.2	484
137	Biosorption of Rare Earth Metal Ion on Aerobic Granules. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2005, 40, 857-867.	0.9	14
138	Damping properties and morphology of polyurethane/vinyl ester resin interpenetrating polymer network. <i>Materials Chemistry and Physics</i> , 2004, 85, 402-409.	2.0	143
139	Preparation, morphology, and mechanical properties of modified-PU/UPR graft-IPN nanocomposites with BaTiO ₃ fiber. <i>Materials Chemistry and Physics</i> , 2003, 82, 73-77.	2.0	31
140	Thermodynamics of transfer of naphthalene and 2-naphthoic acid from water to (water+ethanol) mixtures at T=298.15 K. <i>Journal of Chemical Thermodynamics</i> , 2003, 35, 1413-1424.	1.0	3
141	Thermodynamic Functions for Transfer of Anthracene from Water to (Water + Alcohol) Mixtures at 298.15 K. <i>Journal of Chemical & Engineering Data</i> , 2003, 48, 742-745.	1.0	6
142	The preparation and characterization of ZnO ultrafine particles. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2002, 332, 356-361.	2.6	166
143	The surface properties and photocatalytic activities of ZnO ultrafine particles. <i>Applied Surface Science</i> , 2001, 180, 308-314.	3.1	317
144	Population Pharmacokinetics and Pharmacodynamics of Isoniazid and its Metabolite Acetylisoniazid in Chinese Population. <i>Frontiers in Pharmacology</i> , 0, 13, .	1.6	3