

Ming-yu Zhang

List of Publications by Year in descending order

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124
papers

1,679
citations

331670

21
h-index

361022

35
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132
all docs

132
docs citations

132
times ranked

1962
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of MgCl ₂ addition on the preparation of ZrCâ€“SiC composite particles by sol-gel. <i>Ceramics International</i> , 2022, 48, 2522-2532.	4.8	8
2	A novel benzotriazole derivate with Twisted intramolecular charge transfer and Aggregation Induced emission features for proton determination. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 269, 120780.	3.9	5
3	The AlkB Family: Potential Prognostic Biomarkers and Therapeutic Targets in Glioblastoma. <i>Frontiers in Oncology</i> , 2022, 12, 847821.	2.8	1
4	Composite of Ge and Î±-MnSe in carbon nanofibers as a high- performance anode material for LIBs. <i>Journal of Alloys and Compounds</i> , 2022, 909, 164758.	5.5	11
5	Outcome of Endoscopic Transsphenoidal Surgery for Recurrent or Residual Pituitary Adenomas and Comparison to Non-Recurrent or Residual Cohort by Propensity Score Analysis. <i>Frontiers in Endocrinology</i> , 2022, 13, 837025.	3.5	3
6	Synthesis and pyrolysis of single-source precursor for HfC _x N _{1-x} -SiC ceramic with different SiC contents. <i>Ceramics International</i> , 2022, 48, 22967-22974.	4.8	6
7	Structural and mechanical changes by adding graphene to C/C composites. <i>Ceramics International</i> , 2022, 48, 30927-30937.	4.8	2
8	N-doped carbon nanofibers encapsulated Cu _{2-x} Se with the improved lithium storage performance and its structural evolution analysis. <i>Electrochimica Acta</i> , 2021, 367, 137449.	5.2	20
9	Linkage Analysis between Finance and Environmental Protection Sectors in China: An Approach to Evaluating Green Finance. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 2634.	2.6	13
10	Improving the sinterability of ZrCâ€“SiC composite powders by Mg addition. <i>Ceramics International</i> , 2021, 47, 18330-18338.	4.8	9
11	Ablation behavior of (Zr,Ta)B ₂ -SiC coating on carbon/carbon composites at 2300 Å°C. <i>Corrosion Science</i> , 2021, 188, 109545.	6.6	40
12	The effect of carbon source addition order during sol-gel process on the properties of C/Câ€“ZrCâ€“SiC composites. <i>Ceramics International</i> , 2021, 47, 35366-35377.	4.8	17
13	Diffusion-weighted imaging for predicting tumor consistency and extent of resection in patients with pituitary adenoma. <i>Neurosurgical Review</i> , 2021, 44, 2933-2941.	2.4	14
14	Metalâ€“Organic Framework-Derived Nanoconfinements of CoF ₂ and Mixed-Conducting Wiring for High-Performance Metal Fluoride-Lithium Battery. <i>ACS Nano</i> , 2021, 15, 1509-1518.	14.6	69
15	Honeycomb Structured Î±-MnS@N-HC Nanocomposite Fabricated by Sol-Gel Pyrolysis Blowing Method and Its High-Performance Lithium Storage. <i>Materials Today Energy</i> , 2021, 22, 100876.	4.7	5
16	Retrospective Study on the Application of Enhanced Recovery After Surgery Measures to Promote Postoperative Rehabilitation in 50 Patients With Brain Tumor Undergoing Craniotomy. <i>Frontiers in Oncology</i> , 2021, 11, 755378.	2.8	4
17	Current Understanding of Exosomal MicroRNAs in Glioma Immune Regulation and Therapeutic Responses. <i>Frontiers in Immunology</i> , 2021, 12, 813747.	4.8	18
18	The effect of sol-gel process on the microstructure and particle size of ZrCâ€“SiC composite powders. <i>Ceramics International</i> , 2020, 46, 5244-5251.	4.8	22

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19	Glioma progression is suppressed by Naringenin and APO2L combination therapy via the activation of apoptosis in vitro and in vivo. <i>Investigational New Drugs</i> , 2020, 38, 1743-1754.	2.6	11
20	Efficient synthesis of Cu ₃ P nanoparticles confined in 3D nitrogen-doped carbon networks as high performance anode for lithium/sodium-ion batteries. <i>Journal of Alloys and Compounds</i> , 2020, 849, 156436.	5.5	35
21	Enhancement of lithium storage capacity and rate performance of Se-modified MnO/Mn ₃ O ₄ hybrid anode material via pseudocapacitive behavior. <i>Transactions of Nonferrous Metals Society of China</i> , 2020, 30, 1904-1915.	4.2	17
22	Pentraxin 3 Promotes Glioblastoma Progression by Negative Regulating Cells Autophagy. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 795.	3.7	17
23	The Basic Characteristics of the Pentraxin Family and Their Functions in Tumor Progression. <i>Frontiers in Immunology</i> , 2020, 11, 1757.	4.8	39
24	Self-Assembled Nano-Fe ₃ C Embedded in Reduced Graphene Oxide Aerogel with Efficient Fenton-Like Catalysis. <i>Nanomaterials</i> , 2020, 10, 2348.	4.1	6
25	Enhanced electrochemical properties of ZnO encapsulated in carbon nanofibers as anode material for lithium-ion batteries. <i>Ionics</i> , 2020, 26, 4351-4361.	2.4	6
26	MnSe/ZnSe encapsulated in N-doped carbon electrospinning nanofibers for high-performance lithium ion batteries. <i>Materials Letters</i> , 2020, 273, 127945.	2.6	14
27	LncRNA NEAT1 promotes malignant phenotypes and TMZ resistance in glioblastoma stem cells by regulating let-7g-5p/MAP3K1 axis. <i>Bioscience Reports</i> , 2020, 40, .	2.4	18
28	Isolated trochleoplasty for recurrent patellar dislocation has lower outcome and higher residual instability compared with combined MPFL and trochleoplasty: a systematic review. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2019, 139, 1617-1624.	2.4	27
29	Synthesis and Electrochemical Performance of ZnSe Electrospinning Nanofibers as an Anode Material for Lithium Ion and Sodium Ion Batteries. <i>Frontiers in Chemistry</i> , 2019, 7, 569.	3.6	42
30	How do crowd logistics platforms create value? An exploratory case study from China. <i>International Journal of Logistics Research and Applications</i> , 2019, 22, 501-518.	8.8	25
31	Embedding Î±-MnSe nanodots in nitrogen-doped electrospinning carbon nanofibers to enhanced storage properties of lithium-ion batteries. <i>Journal of Alloys and Compounds</i> , 2019, 797, 826-833.	5.5	48
32	Effect of Autologous Platelet-Rich Plasma and Gelatin Sponge for Tendon-to-Bone Healing After Rabbit Anterior Cruciate Ligament Reconstruction. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2019, 35, 1486-1497.	2.7	37
33	Crowd Logistics Platform's Informative Support to Logistics Performance: Scale Development and Empirical Examination. <i>Sustainability</i> , 2019, 11, 451.	3.2	14
34	High-performance lithium-ion battery anodes based on Mn ₃ O ₄ /nitrogen-doped porous carbon hybrid structures. <i>Journal of Alloys and Compounds</i> , 2019, 775, 51-58.	5.5	31
35	Sintering behavior and mechanical properties of Cr ₃ C ₂ doped ultra-fine WC-Co cemented carbides: Experiment guided with thermodynamic calculations. <i>International Journal of Refractory Metals and Hard Materials</i> , 2019, 78, 240-246.	3.8	24
36	Conformal vapor deposition of iron phosphate onto carbon nanotubes for flexible high-rate cathodes. <i>Materials Today Energy</i> , 2018, 8, 143-150.	4.7	5

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37	Heat metering reform: A multiple game analysis. <i>Journal of Interdisciplinary Mathematics</i> , 2018, 21, 989-998.	0.7	0
38	The Impact of FDI on Haze Pollutionâ€”Based on the Local Governmentâ€™s Introduction of FDI. , 2018, , .		0
39	Safety Evaluation of Medication in Chinese Laying Hens Companies Based on Fuzzy Comprehensive Evaluation. , 2018, , .		0
40	Fabrication of ACF/GO/PEI Composite for Adsorption of Methyl Orange from Aqueous Solution. <i>Journal of Nanoscience and Nanotechnology</i> , 2018, 18, 1747-1756.	0.9	4
41	An art district system dynamics model of diversified operation based on game theory. <i>Journal of Discrete Mathematical Sciences and Cryptography</i> , 2018, 21, 1019-1030.	0.8	1
42	Formation of Mnâ€“Cr mixed oxide nanosheets with enhanced lithium storage properties. <i>RSC Advances</i> , 2018, 8, 29670-29677.	3.6	12
43	Study of Chinese agricultural materials logistics supply chain efficiency. <i>Journal of Interdisciplinary Mathematics</i> , 2017, 20, 1111-1125.	0.7	1
44	Indispensable role of lipoprotein bound-ApoE in adipogenesis and endocytosis induced by postprandial TRL. <i>Biochemical and Biophysical Research Communications</i> , 2017, 493, 298-305.	2.1	9
45	Mechanical Property, Oxidation and Ablation Resistance of C/Câ€“ZrB2â€“ZrCâ€“SiC Composite Fabricated by Polymer Infiltration and Pyrolysis with Preform of Cf/ZrB2. <i>Journal of Materials Science and Technology</i> , 2017, 33, 481-486.	10.7	19
46	SWOT quantitative model of livable communitiesâ€™ construction in Chinaâ€™s villages and towns. <i>Journal of Interdisciplinary Mathematics</i> , 2017, 20, 1127-1138.	0.7	0
47	Roles of microRNA-99 family in human glioma. <i>OncoTargets and Therapy</i> , 2016, 9, 3613.	2.0	9
48	Prevalence, awareness, treatment, and control of hypertension among Chinaâ€™s Sichuan Tibetan population: A cross-sectional study. <i>Clinical and Experimental Hypertension</i> , 2016, 38, 457-463.	1.3	22
49	CXCL5 promotes the proliferation and migration of glioma cells in autocrine- and paracrine-dependent manners. <i>Oncology Reports</i> , 2016, 36, 3303-3310.	2.6	29
50	Triglyceride-rich lipoproteins induce adipogenic differentiation through an apolipoprotein E/LRP1/caveolae-dependent pathway: A hypothesis for diet-induced obesity. <i>International Journal of Cardiology</i> , 2016, 212, 82-83.	1.7	1
51	Adsorption Behavior of Ferromagnetic Carbon Nanotubes for Methyl Orange from Aqueous Solution. <i>Journal of Nanoscience and Nanotechnology</i> , 2016, 16, 2804-2810.	0.9	0
52	HMGB1 induces apoptosis and EMT in association with increased autophagy following H/R injury in cardiomyocytes. <i>International Journal of Molecular Medicine</i> , 2016, 37, 679-689.	4.0	49
53	Fabrication of large-sized high density bulk isotropic pyrocarbon materials of a special composite microstructure by fixed-bed chemical vapor deposition. <i>Carbon</i> , 2016, 101, 439-448.	10.3	10
54	Fabrication and ablation property of carbon/carbon composites with novel SiCâ€“ZrB2 coating. <i>Transactions of Nonferrous Metals Society of China</i> , 2015, 25, 3708-3715.	4.2	19

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55	Influence of deposition pressure on texture of pyrolytic graphite during chemical vapour deposition. <i>Materials Science and Technology</i> , 2015, 31, 1698-1705.	1.6	5
56	Ablation mechanism of C/Câ€“ZrB 2 â€“ZrCâ€“SiC composite fabricated by polymer infiltration and pyrolysis with preform of C f /ZrB 2. <i>Corrosion Science</i> , 2015, 98, 551-559.	6.6	65
57	Preparation and mechanical properties of carbon fibers with isotropic pyrolytic carbon core by chemical vapor deposition. <i>Chemical Engineering Journal</i> , 2015, 272, 12-16.	12.7	12
58	Combination refusion therapy for a hemodynamically unstable patient with acute myocardial infarction complicated by acute ischemic stroke within a time window. <i>International Journal of Cardiology</i> , 2015, 201, 152-153.	1.7	2
59	Fractional flow reserve, an effective preoperative guideline to a patient with a huge coronary artery fistula and tandem stenosis. <i>International Journal of Cardiology</i> , 2015, 199, 333-334.	1.7	2
60	Low temperature growth of catalyst-free carbon micro-trees. <i>Journal of Materials Science</i> , 2015, 50, 13-20.	3.7	4
61	Adsorption behavior of ACF/CNT composites for Cr (VI) from aqueous solution. , 2015, , 207-213.		1
62	Preparation of a double layer SiC coating and its oxidation resistance at 1773 K. <i>Corrosion Science</i> , 2014, 87, 134-140.	6.6	34
63	Modification of ACFs by chemical vapor deposition and its application for removal of methyl orange from aqueous solution. <i>Transactions of Nonferrous Metals Society of China</i> , 2013, 23, 530-537.	4.2	4
64	Adsorption Mechanism of Activated Carbon Fibre/Carbon Nanotube Composites for Rhodamine B from Aqueous Solution. <i>Asian Journal of Chemistry</i> , 2013, 25, 10509-10514.	0.3	0
65	Microstructure of Pyrocarbon with Chemical Vapor Infiltration. <i>Procedia Engineering</i> , 2012, 27, 847-854.	1.2	9
66	Microstructures and formation mechanism of headstand pyrocarbon cones developed by electromagnetic-field-assisted CVD. <i>Transactions of Nonferrous Metals Society of China</i> , 2012, 22, 2569-2577.	4.2	1
67	Effect of pyrolysis temperature on properties of ACF/CNT composites. <i>Journal of Central South University</i> , 2012, 19, 2746-2750.	3.0	1
68	Adsorption of methylene blue from aqueous solution on modified ACFs by chemical vapor deposition. <i>Chemical Engineering Journal</i> , 2012, 189-190, 168-174.	12.7	32
69	Bending properties and fracture mechanism of C/C composites with high density preform. <i>Transactions of Nonferrous Metals Society of China</i> , 2011, 21, 1795-1800.	4.2	11
70	Study on the analysis of testing ability allocation of testing organization and its optimization countermeasures based on input-output data. , 2011, , .		0
71	Study on the development paths of third party institution in China and its revelation. , 2011, , .		0
72	H âˆ“ fault detection for linear singular systems with time-varying delay. <i>International Journal of Control, Automation and Systems</i> , 2011, 9, 9-14.	2.7	21

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73	New robust unsupervised support vector machines. Journal of Systems Science and Complexity, 2011, 24, 466-476.	2.8	0
74	Research on the scientific development strategy of China detection institution. , 2011, , .		0
75	The Distribution of Microstructure and Mechanical Properties of Carbon-Carbon Composites. Advanced Materials Research, 2011, 284-286, 531-536.	0.3	1
76	Growth of Pyrocarbon by Multi-Physics Fields Chemical Vapor Infiltration. Open Materials Science Journal, 2011, 5, 61-65.	0.2	1
77	Influence of Chemical Vapor Reaction SiC Coating on Mechanical Properties of C/C Composites. Wujì Cailiao Xuebao/Journal of Inorganic Materials, 2011, 26, 233-238.	1.3	1
78	Mechanism of Densification of C/C Composites Fabricated with High Density Preform. Wujì Cailiao Xuebao/Journal of Inorganic Materials, 2011, 26, 711-714.	1.3	1
79	Improved oxidation resistance of chemical vapor reaction SiC coating modified with silica for carbon/carbon composites. Central South University, 2010, 17, 1-6.	0.5	15
80	Removal of Rhodamine B from Aqueous Solution Using ACF/CNT Composites Prepared by Chemical Vapor Deposition. Advanced Materials Research, 2010, 156-157, 477-480.	0.3	0
81	Fabrication of ACF/CNT Composites by CVD Method. Advanced Materials Research, 2010, 150-151, 452-455.	0.3	0
82	Osteogenesis of the construct combined BMSCs with β -TCP in rat. Journal of Plastic, Reconstructive and Aesthetic Surgery, 2010, 63, 227-232.	1.0	21
83	Improved properties of carbon fiber paper as electrode for fuel cell by coating pyrocarbon via CVD method. Transactions of Nonferrous Metals Society of China, 2010, 20, 1412-1417.	4.2	22
84	Influence of Preparation Technology on the Structure and Phase Composition of MoSi ₂ -Mo ₅ Si ₃ /SiC Multi-coating for Carbon/Carbon Composites. Journal of Materials Science and Technology, 2010, 26, 106-112.	10.7	12
85	Research on the development mode of Chinese cooperation-based rural scientific and Technological service organization. , 2009, , .		0
86	Research on the High-Tech Project Risk Pre-Warning Index Optimization. , 2009, , .		0
87	Analysis on the development strategy of beijing's renewable energy industry. , 2009, , .		0
88	Rapid chemical vapor infiltration of C/C composites. Transactions of Nonferrous Metals Society of China, 2009, 19, 1436-1439.	4.2	5
89	Research on the technological cooperation mechanism of Chinese rural scientific and technological service organization. , 2009, , .		0
90	Anti-oxidation behavior of chemical vapor reaction SiC coatings on different carbon materials at high temperatures. Transactions of Nonferrous Metals Society of China, 2009, 19, 1044-1050.	4.2	32

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109	Mathematical Analysis of Relationship between Land Price and Real Estate Bubbles. , 2006, , .		2
110	Open Chinese New Deal - The Interpretation of the New Development Model and Policy of the 11th Five-Year Plan. , 2006, , .		0
111	A theoretical study on the structural and functional features of BSH Agent used in boron neutron capture therapy. Computational and Theoretical Chemistry, 2005, 728, 173-178.	1.5	7
112	An ab initio study on electronic structure and vibrational spectrum of silaborate sandwiches [(i-5-C5Me5)M(MeSiB10H10)] ⁿ (M=Co, Rh and Ir). Computational and Theoretical Chemistry, 2004, 683, 175-181.	1.5	0
113	Synthesis, characterization, and catalytic properties of stable mesoporous aluminosilicates assembled from preformed zeolite L precursors. Microporous and Mesoporous Materials, 2003, 62, 221-228.	4.4	47
114	Behavioral Simulation: Towards High-Density Network Traffic Studies. , 2002, , 988.		4
115	Ab initio study on the structural features of icosahedral carboranes containing heteroatoms. Computational and Theoretical Chemistry, 2001, 545, 105-110.	1.5	10
116	Ab initio pseudopotential study of M2As ²⁺ and M2Br ⁺ (M = Cu, Ag, Au). International Journal of Quantum Chemistry, 2000, 80, 38-43.	2.0	9
117	Local nucleation of diamond heteroepitaxy on Si(100) in the initial stage and the role of atomic hydrogen. Chemical Physics Letters, 1998, 289, 200-204.	2.6	1
118	The electronic structure and Raman spectroscopy of the first purely organic ferromagnet: β -para-nitrophenyl nitronyl nitroxide. Chemical Physics, 1998, 237, 73-79.	1.9	7
119	Ab initio calculations on icosahedral molecules: I. The implementation of symmetry reduction in calculation exemplified by B12H ₁₂ ²⁻ . Chinese Journal of Chemistry, 1989, 7, 193-200.	0.0	0
120	Behavioral simulation of a high-density traffic network involving an adaptive ramp metering system. , 0, , .		3
121	Control Growth of Pyrocarbon by Chemical Vapor Infiltration. Advanced Materials Research, 0, 150-151, 456-459.	0.3	0
122	Investigation of Pyrocarbon Based Carbon Paper for Proton Exchange Membrane Fuel Cells. Advanced Materials Research, 0, 156-157, 447-450.	0.3	0
123	Preparation of Nano-Powders of ITO. Advanced Materials Research, 0, 194-196, 450-453.	0.3	0
124	Enhancing Electrochemical Performance of CoF ₂ Li Batteries via Honeycombed Nanocomposite Cathode. Energy & Fuels, 0, , .	5.1	6