

Jie Xu

List of Publications by Year in descending order

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193
papers

4,919
citations

87888

38
h-index

133252

59
g-index

195
all docs

195
docs citations

195
times ranked

5884
citing authors

#	ARTICLE	IF	CITATIONS
1	A sandwich-type three-dimensional layered double hydroxide nanosheet array/graphene composite: fabrication and high supercapacitor performance. <i>Journal of Materials Chemistry A</i> , 2014, 2, 1022-1031.	10.3	254
2	Decoration NiCo ₂ S ₄ nanoflakes onto Ppy nanotubes as core-shell heterostructure material for high-performance asymmetric supercapacitor. <i>Chemical Engineering Journal</i> , 2018, 333, 111-121.	12.7	206
3	Long Noncoding RNA MIR17HG Promotes Colorectal Cancer Progression via miR-17-5p. <i>Cancer Research</i> , 2019, 79, 4882-4895.	0.9	157
4	Reduced graphene oxide/Ni _{1-x} Co _x Al-layered double hydroxide composites: preparation and high supercapacitor performance. <i>Dalton Transactions</i> , 2014, 43, 11667-11675.	3.3	121
5	<i>PGL</i> , encoding chlorophyllide a oxygenase 1, impacts leaf senescence and indirectly affects grain yield and quality in rice. <i>Journal of Experimental Botany</i> , 2016, 67, 1297-1310.	4.8	109
6	Localization of acoustic emission sources in structural health monitoring of masonry bridge. <i>Structural Control and Health Monitoring</i> , 2015, 22, 314-329.	4.0	100
7	Methane in the Changjiang (Yangtze River) Estuary and its adjacent marine area: riverine input, sediment release and atmospheric fluxes. <i>Biogeochemistry</i> , 2008, 91, 71-84.	3.5	89
8	Blanking clearance and grain size effects on micro deformation behavior and fracture in micro-blanking of brass foil. <i>International Journal of Machine Tools and Manufacture</i> , 2012, 60, 27-34.	13.4	89
9	Modeling of thermal and mechanical behavior of a magnesium alloy AZ31 during electrically-assisted micro-tension. <i>International Journal of Plasticity</i> , 2016, 85, 230-257.	8.8	86
10	A Special Additive Enables All Cations and Anions Passivation for Stable Perovskite Solar Cells with Efficiency over 23%. <i>Nano-Micro Letters</i> , 2021, 13, 169.	27.0	86
11	Mapping QTL for Seed Germinability under Low Temperature Using a New High-Density Genetic Map of Rice. <i>Frontiers in Plant Science</i> , 2017, 8, 1223.	3.6	79
12	Facile fabrication of flower-like CuCo ₂ S ₄ on Ni foam for supercapacitor application. <i>Journal of Materials Science</i> , 2017, 52, 9531-9538.	3.7	75
13	Nitrogen-enriched, double-shelled carbon/layered double hydroxide hollow microspheres for excellent electrochemical performance. <i>Nanoscale</i> , 2014, 6, 10887-10895.	5.6	74
14	Construction of CuCo ₂ O ₄ @CuCo ₂ O ₄ hierarchical nanowire arrays grown on Ni foam for high-performance supercapacitors. <i>RSC Advances</i> , 2017, 7, 3983-3991.	3.6	74
15	Photothermocatalytic Synergetic Effect Leads to High Efficient Detoxification of Benzene on TiO ₂ and Pt/TiO ₂ Nanocomposite. <i>ChemCatChem</i> , 2010, 2, 1082-1087.	3.7	72
16	Boosting the capacity of biomass-based supercapacitors using carbon materials of wood derivatives and redox molecules from plants. <i>Journal of Materials Chemistry A</i> , 2021, 9, 11839-11852.	10.3	72
17	Microhardness evolution and mechanical characteristics of commercial purity titanium processed by high-pressure torsion. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2014, 614, 223-231.	5.6	71
18	Rapid, morphologically controllable, large-scale synthesis of uniform Y(OH) ₃ and tunable luminescent properties of Y ₂ O ₃ :Yb ³⁺ /Ln ³⁺ (Ln = Er, Tm and Ho). <i>Journal of Materials Chemistry</i> , 2012, 22, 16136.	6.7	63

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19	NiCo ₂ S ₄ @NiMoO ₄ Core-Shell Heterostructure Nanotube Arrays Grown on Ni Foam as a Binder-Free Electrode Displayed High Electrochemical Performance with High Capacity. <i>Nanoscale Research Letters</i> , 2017, 12, 412.	5.7	62
20	Microhardness, microstructure and tensile behavior of an AZ31 magnesium alloy processed by high-pressure torsion. <i>Journal of Materials Science</i> , 2015, 50, 7424-7436.	3.7	60
21	La(OH) ₃ :Ln ³⁺ and La ₂ O ₃ :Ln ³⁺ (Ln = Yb/Er) Tj ETQq1 1 0.784314 r Design, 2012, 12, 306-312.	3.0	59
22	Unraveling Passivation Mechanism of Imidazolium-Based Ionic Liquids on Inorganic Perovskite to Achieve Near-Record-Efficiency CsPbI ₂ Br Solar Cells. <i>Nano-Micro Letters</i> , 2022, 14, 7.	27.0	58
23	Development of a micro-forming system for micro-punching process of micro-hole arrays in brass foil. <i>Journal of Materials Processing Technology</i> , 2012, 212, 2238-2246.	6.3	55
24	A Novel double-shelled C@NiO hollow microsphere: Synthesis and application for electrochemical capacitor. <i>Electrochimica Acta</i> , 2014, 148, 211-219.	5.2	54
25	Size effects on flow stress behavior during electrically-assisted micro-tension in a magnesium alloy AZ31. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2016, 659, 215-224.	5.6	54
26	Determination of fluoroquinolones in milk, honey and water samples by salting out-assisted dispersive liquid-liquid microextraction based on deep eutectic solvent combined with MECC. <i>Food Chemistry</i> , 2020, 332, 127371.	8.2	54
27	Effect of grain size and specimen dimensions on micro-forming of high purity aluminum. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2015, 646, 207-217.	5.6	52
28	Self-assembled hairy ball-like Co ₃ O ₄ nanostructures for lithium ion batteries. <i>Journal of Materials Chemistry A</i> , 2013, 1, 13203.	10.3	51
29	<i>EARLY SENESCENCE1</i> Encodes a SCAR-LIKE PROTEIN ² That Affects Water Loss in Rice. <i>Plant Physiology</i> , 2015, 169, 1225-1239.	4.8	51
30	Hardness homogeneity and micro-tensile behavior in a magnesium AZ31 alloy processed by equal-channel angular pressing. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2013, 586, 108-114.	5.6	49
31	Micro-deformation behavior in micro-compression with high-purity aluminum processed by ECAP. <i>Manufacturing Review</i> , 2015, 2, 1.	1.5	48
32	Microstructural evolution and micro/meso-deformation behavior in pure copper processed by equal-channel angular pressing. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2016, 664, 114-125.	5.6	48
33	Hypoglycemic effects of MDG-1, a polysaccharide derived from <i>Ophiopogon japonicas</i> , in the ob/ob mouse model of type 2 diabetes mellitus. <i>International Journal of Biological Macromolecules</i> , 2011, 49, 657-662.	7.5	47
34	Conjugate spacer effect on molecular structures and absorption spectra of triphenylamine dyes for sensitized solar cells: Density functional theory calculations. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2011, 78, 287-293.	3.9	46
35	Micro hot embossing of micro-array channels in ultrafine-grained pure aluminum using a silicon die. <i>Journal of Materials Processing Technology</i> , 2015, 225, 375-384.	6.3	45
36	A Key 2D Intermediate Phase for Stable High-Efficiency CsPbI ₂ Br Perovskite Solar Cells. <i>Advanced Energy Materials</i> , 2022, 12, 2103019.	19.5	44

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37	Effects of specimen and grain size on electrically-induced softening behavior in uniaxial micro-tension of AZ31 magnesium alloy: Experiment and modeling. <i>Materials and Design</i> , 2017, 127, 134-143.	7.0	43
38	QSPR study of Setschenow constants of organic compounds using MLR, ANN, and SVM analyses. <i>Journal of Computational Chemistry</i> , 2011, 32, 3241-3252.	3.3	42
39	Comprehensive metabolomic, proteomic and physiological analyses of grain yield reduction in rice under abrupt drought-flood alternation stress. <i>Physiologia Plantarum</i> , 2019, 167, 564-584.	5.2	42
40	Characterization of a <i>Lactobacillus brevis</i> strain with potential oral probiotic properties. <i>BMC Microbiology</i> , 2018, 18, 221.	3.3	41
41	Flexible and multi-form solid-state supercapacitors based on polyaniline/graphene oxide/CNT composite films and fibers. <i>Diamond and Related Materials</i> , 2019, 92, 198-207.	3.9	40
42	Size effects in micro blanking of metal foil with miniaturization. <i>International Journal of Advanced Manufacturing Technology</i> , 2011, 56, 515-522.	3.0	38
43	Gadolinium fluoride mesoporous microspheres: controllable synthesis, materials and biological properties. <i>Journal of Materials Chemistry B</i> , 2014, 2, 1791.	5.8	38
44	Poly(vinyl alcohol) hydrogels integrated with cuprous oxide-tannic acid submicroparticles for enhanced mechanical properties and synergetic antibiofouling. <i>Journal of Colloid and Interface Science</i> , 2019, 535, 491-498.	9.4	38
45	Plastic deformation size effects in micro-compression of pure nickel with a few grains across diameter. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2015, 636, 352-360.	5.6	36
46	Alkaloids from <i>Piper nigrum</i> Synergistically Enhanced the Effect of Paclitaxel against Paclitaxel-Resistant Cervical Cancer Cells through the Downregulation of Mcl-1. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 5159-5168.	5.2	36
47	p-type Carbon Dots for Effective Surface Optimization for Near-Record Efficiency CsPb ₂ Br Solar Cells. <i>Small</i> , 2021, 17, e2102272.	10.0	34
48	Dry sliding wear of an AZ31 magnesium alloy processed by equal-channel angular pressing. <i>Journal of Materials Science</i> , 2013, 48, 4117-4127.	3.7	33
49	Aberrantly expressed miR-188-5p promotes gastric cancer metastasis by activating Wnt/ β -catenin signaling. <i>BMC Cancer</i> , 2019, 19, 505.	2.6	33
50	Sustainable fabrication of Cu/Nb composites with continuous laminated structure to achieve ultrahigh strength and excellent electrical conductivity. <i>Composites Part B: Engineering</i> , 2021, 211, 108662.	12.0	33
51	Three-Dimensional Porous Iron Vanadate Nanowire Arrays as a High-Performance Lithium-Ion Battery. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 27685-27693.	8.0	32
52	QSPR study of absorption maxima of organic dyes for dye-sensitized solar cells based on 3D descriptors. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2010, 76, 239-247.	3.9	31
53	Interconnected CuS nanowalls with rough surfaces grown on nickel foam as high-performance electrodes for supercapacitors. <i>RSC Advances</i> , 2016, 6, 59976-59983.	3.6	31
54	Effects of temperature, strain rate and specimen size on the deformation behaviors at micro/meso-scale in ultrafine-grained pure Al. <i>Materials Characterization</i> , 2015, 109, 181-188.	4.4	29

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55	High Capacity Lithium Ion Battery Anodes Using Sn Nanowires Encapsulated Al ₂ O ₃ Tubes in Carbon Matrix. <i>Advanced Materials Interfaces</i> , 2016, 3, 1500491.	3.7	29
56	Microstructural Evolution and Mechanical Properties in Superlight Mg-Li Alloy Processed by High-Pressure Torsion. <i>Materials</i> , 2018, 11, 598.	2.9	29
57	Removal mechanism of blue paint on aluminum alloy substrate during surface cleaning using nanosecond pulsed laser. <i>Optics and Laser Technology</i> , 2022, 149, 107882.	4.6	29
58	Cloning and functional analysis of pale-green leaf (PGL10) in rice (<i>Oryza sativa</i> L.). <i>Plant Growth Regulation</i> , 2016, 78, 69-77.	3.4	28
59	Effect of filler-polymer interactions on the crystalline morphology of PEO-based solid polymer electrolytes by Y ₂ O ₃ nano-fillers. <i>Polymer Composites</i> , 2011, 32, 511-518.	4.6	27
60	RNA-seq reveals differentially expressed genes of rice (<i>Oryza sativa</i>) spikelet in response to temperature interacting with nitrogen at meiosis stage. <i>BMC Genomics</i> , 2015, 16, 959.	2.8	27
61	Sulfur-vacancies promoted performance of hierarchical NiCo ₂ S ₄ nanotubes through electrospinning for supercapacitors. <i>Journal of Materials Science</i> , 2021, 56, 9368-9381.	3.7	27
62	Chromosome-scale assembly and evolution of the tetraploid <i>Salvia splendens</i> (Lamiaceae) genome. <i>Horticulture Research</i> , 2021, 8, 177.	6.3	27
63	Sustainable micro-manufacturing of superhydrophobic surface on ultrafine-grained pure aluminum substrate combining micro-embossing and surface modification. <i>Journal of Cleaner Production</i> , 2019, 232, 705-712.	9.3	26
64	Microstructural Evolution and Mechanical Behavior of Cu/Nb Multilayer Composites Processed by Accumulative Roll Bonding. <i>Advanced Engineering Materials</i> , 2020, 22, 1900702.	3.5	26
65	Multifunctionally wearable monitoring with gelatin hydrogel electronics of liquid metals. <i>Materials Horizons</i> , 2022, 9, 961-972.	12.2	26
66	A Review on Micro/Nanoforming to Fabricate 3D Metallic Structures. <i>Advanced Materials</i> , 2021, 33, e2000893.	21.0	25
67	Self-power position-sensitive detector with fast optical relaxation time and large position sensitivity basing on the lateral photovoltaic effect in tin diselenide films. <i>Journal of Alloys and Compounds</i> , 2019, 790, 941-946.	5.5	24
68	Ribosome profiling reveals the effects of nitrogen application translational regulation of yield recovery after abrupt drought-flood alternation in rice. <i>Plant Physiology and Biochemistry</i> , 2020, 155, 42-58.	5.8	24
69	Double layers combined with MXene and in situ grown NiAl-LDH arrays on nickel foam for enhanced asymmetric supercapacitors. <i>Ionics</i> , 2022, 28, 2967-2977.	2.4	24
70	Interactive effect of microstructure and cavity dimension on filling behavior in micro coining of pure nickel. <i>Scientific Reports</i> , 2016, 6, 23895.	3.3	23
71	Preparation of xanthan gum nanogels and their pH/redox responsiveness in controlled release. <i>Journal of Applied Polymer Science</i> , 2019, 136, 47921.	2.6	22
72	Self-assembled hairy ball-like V ₂ O ₅ nanostructures for lithium ion batteries. <i>RSC Advances</i> , 2014, 4, 25205.	3.6	21

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73	Microforming Using Ultrafine-Grained Aluminum Processed by Equal-Channel Angular Pressing. <i>Advanced Engineering Materials</i> , 2015, 17, 1022-1033.	3.5	21
74	Shear fracture mechanism in micro-tension of an ultrafine-grained pure copper using synchrotron radiation X-ray tomography. <i>Scripta Materialia</i> , 2017, 132, 25-29.	5.2	20
75	Anti-inflammatory and antitumour activity of various extracts and compounds from the fruits of <i>Piper longum</i> L.. <i>Journal of Pharmacy and Pharmacology</i> , 2019, 71, 1162-1171.	2.4	20
76	MicroRNA-382-5p is involved in pulmonary inflammation induced by fine particulate matter exposure. <i>Environmental Pollution</i> , 2020, 262, 114278.	7.5	20
77	Holey Ruthenium Nanosheets with Moderate Aluminum Modulation toward Hydrogen Evolution. <i>Inorganic Chemistry</i> , 2019, 58, 8267-8270.	4.0	18
78	Liquid Metal Swimming Nanorobots. <i>Accounts of Materials Research</i> , 2022, 3, 122-132.	11.7	18
79	DFT and TD-DFT studies on symmetrical squaraine dyes for nanocrystalline solar cells. <i>Monatshefte für Chemie</i> , 2010, 141, 549-555.	1.8	17
80	Micro-punching process of stainless steel foil with micro-die fabricated by micro-EDM. <i>Microsystem Technologies</i> , 2014, 20, 83-89.	2.0	17
81	Integrated Resistive-Capacitive Strain Sensors Based on Polymer-Nanoparticle Composites. <i>ACS Applied Nano Materials</i> , 2020, 3, 4357-4366.	5.0	17
82	Artificial neural network-based QSPR study on absorption maxima of organic dyes for dye-sensitised solar cells. <i>Molecular Simulation</i> , 2011, 37, 1-10.	2.0	16
83	Manufacturing High Aspect Ratio Microturbine by Isothermal Microforging Process. <i>Materials and Manufacturing Processes</i> , 2014, 29, 42-45.	4.7	16
84	Microstructural Evolution and Micro-compression in High-purity Copper Processed by High-pressure Torsion. <i>Advanced Engineering Materials</i> , 2016, 18, 241-250.	3.5	16
85	Size effect on the high strain rate micro/meso-tensile behaviors of pure titanium foil. <i>Journal of Materials Research and Technology</i> , 2021, 11, 2146-2159.	5.8	16
86	Accurate Prediction of T_{LC} (Lower Critical Solution Temperature) in Polymer Solutions Based on 3D Descriptors and Artificial Neural Networks. <i>Macromolecular Theory and Simulations</i> , 2008, 17, 109-120.	1.4	15
87	A general quantitative structure-property relationship treatment for dielectric constants of polymers. <i>Polymer Engineering and Science</i> , 2011, 51, 2408-2416.	3.1	15
88	Theoretical study on the isomerization mechanisms of phenylazopyridine on S_0 and S_1 states. <i>Journal of Physical Organic Chemistry</i> , 2009, 22, 888-896.	1.9	14
89	Tensile deformation behaviors of pure nickel fine wire with a few grains across diameter. <i>Transactions of Nonferrous Metals Society of China</i> , 2016, 26, 1765-1774.	4.2	14
90	Evidence for an early softening behavior in pure copper processed by high-pressure torsion. <i>Journal of Materials Science</i> , 2016, 51, 1923-1930.	3.7	14

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91	Salt De-Emulsification Dispersive Liquid-Liquid Microextraction and Back-Extraction Combined with Sweeping Micellar Electrokinetic Capillary Chromatography for Detection of Triazine Herbicides in Honey. <i>Food Analytical Methods</i> , 2016, 9, 699-705.	2.6	14
92	Up-regulation of miR-297 mediates aluminum oxide nanoparticle-induced lung inflammation through activation of Notch pathway. <i>Environmental Pollution</i> , 2020, 259, 113839.	7.5	14
93	Microstructural Evolution and Microhardness Variations in Pure Titanium Processed by High-Pressure Torsion. <i>Advanced Engineering Materials</i> , 2020, 22, 1901462.	3.5	14
94	A comprehensive annotation dataset of intact LTR retrotransposons of 300 plant genomes. <i>Scientific Data</i> , 2021, 8, 174.	5.3	14
95	Surface finish of micro punch with ion beam irradiation. <i>Transactions of Nonferrous Metals Society of China</i> , 2009, 19, s526-s530.	4.2	13
96	Novel in situ crosslinked polymer electrolyte for solid-state dye-sensitized solar cells. <i>Journal of Materials Science</i> , 2013, 48, 6377-6385.	3.7	13
97	Surface quality improvements of WC-Co micro-punch finished by ion beam irradiation for micro-punching process of metal foil. <i>Surface and Coatings Technology</i> , 2013, 235, 803-810.	4.8	13
98	A rice DEAD-box RNA helicase protein, OsRH17, suppresses 16S ribosomal RNA maturation in <i>Escherichia coli</i> . <i>Gene</i> , 2015, 555, 318-328.	2.2	13
99	Determination of PAEs by Integrative Coupling Method of Headspace in-Tube Microextraction and Reverse-Flow Micellar Electrokinetic Capillary Chromatography. <i>Food Analytical Methods</i> , 2017, 10, 3565-3571.	2.6	13
100	Nitrogen-doped carbon nanotube supported double-shelled hollow composites for asymmetric supercapacitors. <i>New Journal of Chemistry</i> , 2018, 42, 150-160.	2.8	13
101	Current-Induced Ductility Enhancement of a Magnesium Alloy AZ31 in Uniaxial Micro-Tension Below 373 K. <i>Materials</i> , 2019, 12, 111.	2.9	13
102	Mechanical behavior and shear banding of electropulsing-assisted micro-scale shear-compression in Ti-6Al-4V alloy. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2020, 771, 138647.	5.6	13
103	OsPLS4 Is Involved in Cuticular Wax Biosynthesis and Affects Leaf Senescence in Rice. <i>Frontiers in Plant Science</i> , 2020, 11, 782.	3.6	13
104	Strain softening mechanism at meso scale during micro-compression in an ultrafine-grained pure copper. <i>AIP Advances</i> , 2015, 5, 097147.	1.3	12
105	3D NIS dendritic arrays on nickel foam as binder-free electrodes for supercapacitors. <i>Journal of Materials Science: Materials in Electronics</i> , 2016, 27, 8599-8605.	2.2	12
106	The Fabrication of Micro-Array Channels with the Ultrafine-Grained LZ91 Mg-Li Alloy by Micro-Embossing. <i>Micromachines</i> , 2018, 9, 55.	2.9	12
107	In-depth transcriptome characterization uncovers distinct gene family expansions for <i>Cupressus gigantea</i> important to this long-lived species's adaptability to environmental cues. <i>BMC Genomics</i> , 2019, 20, 213.	2.8	12
108	UV-B-induced molecular mechanisms of stress physiology responses in the major northern Chinese conifer <i>Pinus tabulaeformis</i> Carr.. <i>Tree Physiology</i> , 2021, 41, 1247-1263.	3.1	12

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109	Paper Information Recording and Security Protection Using Invisible Ink and Artificial Intelligence. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 19443-19449.	8.0	12
110	Using RNA-seq to Profile Gene Expression of Spikelet Development in Response to Temperature and Nitrogen during Meiosis in Rice (<i>Oryza sativa</i> L.). <i>PLoS ONE</i> , 2015, 10, e0145532.	2.5	12
111	Accurate quantitative structure–property relationship analysis for prediction of nematic transition temperatures in thermotropic liquid crystals. <i>Molecular Simulation</i> , 2010, 36, 26-34.	2.0	11
112	Ionic liquid–based headspace in–tube liquid–phase microextraction coupled with CE for sensitive detection of phenols. <i>Electrophoresis</i> , 2018, 39, 1771-1776.	2.4	11
113	Synergistic CNFs/CoS ₂ /MoS ₂ Flexible Films with Unprecedented Selectivity for NO Gas at Room Temperature. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 29778-29786.	8.0	11
114	Bioactive sesquiterpenes from <i>Inula helenium</i> . <i>Bioorganic Chemistry</i> , 2021, 114, 105066.	4.1	11
115	Removal mechanisms of nanosecond pulsed laser cleaning of blue and red polyurethane paint. <i>Applied Physics A: Materials Science and Processing</i> , 2022, 128, 1.	2.3	11
116	Application of QSPR to Binary Polymer/Solvent Mixtures: Prediction of Flory–Huggins Parameters. <i>Macromolecular Theory and Simulations</i> , 2008, 17, 470-477.	1.4	10
117	Modeling the Relative Fluorescence Intensity Ratio of Eu(III) Complex in Different Solvents Based on QSPR Method. <i>Journal of Fluorescence</i> , 2009, 19, 203-209.	2.5	10
118	Effect of Grain Size on Formability and Deformation Mechanism of High-Purity Aluminum during Micro-Embossing Process at Elevated Temperature. <i>Advanced Engineering Materials</i> , 2019, 21, 1900690.	3.5	10
119	Micro-Embossing Formability of a Superlight Dual-Phase Mg–Li Alloy Processed by High-Pressure Torsion. <i>Advanced Engineering Materials</i> , 2019, 21, 1800961.	3.5	10
120	Bio-Inspired Functional Surface Fabricated by Electrically Assisted Micro-Embossing of AZ31 Magnesium Alloy. <i>Materials</i> , 2020, 13, 412.	2.9	10
121	qTGW12a, a naturally varying QTL, regulates grain weight in rice. <i>Theoretical and Applied Genetics</i> , 2021, 134, 2767-2776.	3.6	10
122	Luminescence analysis of Eu complexes containing diphenanthryl 1,2-diketone ligands doped silicone rubber. <i>Journal of Materials Science</i> , 2010, 45, 405-408.	3.7	9
123	Microstructural Evolution at Micro/Meso-Scale in an Ultrafine-Grained Pure Aluminum Processed by Equal-Channel Angular Pressing with Subsequent Annealing Treatment. <i>Materials</i> , 2015, 8, 7447-7460.	2.9	9
124	Mechanism of pre-deformation effect on sheet deep-drawing forming under magnetic field condition using a magnetorheological fluid (MRF) medium. <i>International Journal of Advanced Manufacturing Technology</i> , 2021, 116, 863-875.	3.0	9
125	Simulation and Assessment of the Capabilities of Orbital Hyperspectral (OHS) Imagery for Remotely Monitoring Chlorophyll-a in Eutrophic Plateau Lakes. <i>Remote Sensing</i> , 2021, 13, 2821.	4.0	9
126	An etch-doping strategy: cobalt–iron bimetallic phosphide as a bifunctional electrocatalyst for highly efficient water splitting. <i>New Journal of Chemistry</i> , 2021, 45, 8527-8534.	2.8	9

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127	Local softening deformation and phase transformation induced by electric current in electrically-assisted micro-compression of Ti-6Al-4V alloy. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2022, 831, 142262.	5.6	9
128	Carbon Nanotube/Polymer Coaxial Cables with Strong Interface for Damping Composites and Stretchable Conductors. <i>Advanced Functional Materials</i> , 2022, 32, .	14.9	9
129	Headspace In-Tube Microextraction Coupled with Capillary Electrophoresis for Detection of Bromophenols in Water and <i>Trachypenaeus curvirostris</i> . <i>Food Analytical Methods</i> , 2016, 9, 1912-1918.	2.6	8
130	Feeding recombinant <i>E. coli</i> with GST-mBmKTX fusion protein increases the fecundity and lifespan of <i>Caenorhabditis elegans</i> . <i>Peptides</i> , 2017, 89, 1-8.	2.4	8
131	Interactive effects of height-to-diameter ratio and strain on tribological behavior in micro compression of pure nickel cylinder. <i>International Journal of Mechanical Sciences</i> , 2018, 144, 452-460.	6.7	8
132	Enhancing formability of spherical bottom cylindrical parts with magnetic medium on deep drawing process. <i>International Journal of Advanced Manufacturing Technology</i> , 2019, 103, 1669-1679.	3.0	8
133	Distributions, Land-source Input and Atmospheric Fluxes of Methane in Jiaozhou Bay. <i>Water, Air and Soil Pollution</i> , 2007, 7, 645-654.	0.8	7
134	Miscibility and melting properties of poly(ethylene 2,6-naphthalate)/poly(trimethylene terephthalate) blends. <i>Journal of Materials Science</i> , 2008, 43, 2739-2744.	3.7	7
135	Nonisothermal crystallization behaviors and conductive properties of PEO-based solid polymer electrolytes containing yttrium oxide nanoparticles. <i>Polymer Engineering and Science</i> , 2011, 51, 2526-2534.	3.1	7
136	Modified Condylar Distraction Osteogenesis via Single Preauricular Incision for Treatment of Temporomandibular Joint Ankylosis. <i>Journal of Craniofacial Surgery</i> , 2015, 26, 509-511.	0.7	7
137	Full genome sequence of <i>Brevibacillus laterosporus</i> strain B9, a biological control strain isolated from Zhejiang, China. <i>Journal of Biotechnology</i> , 2015, 207, 77-78.	3.8	7
138	A Novel Hybrid Method of Spatially Filtered FDTD and Subgridding Technique. <i>IEEE Access</i> , 2019, 7, 85622-85626.	4.2	7
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