

Jie Xu

List of Publications by Year in descending order

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87888

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times ranked

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#	ARTICLE	IF	CITATIONS
1	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
2	Fabricating different patterns of flexible inorganic semiconductor films via colloidal ink printing on textiles. <i>Materials Letters</i> , 2022, 307, 131079.	2.6	2
3	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
4	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
5	Transdermal Administration of Volatile Oil from Citrus aurantium-Rhizoma Atractylodis Macrocephalae Alleviates Constipation in Rats by Altering Host Metabolome and Intestinal Microbiota Composition. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-20.	4.0	4
6	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
7	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
8	Multifunctionally wearable monitoring with gelatin hydrogel electronics of liquid metals. <i>Materials Horizons</i> , 2022, 9, 961-972.	12.2	26
9	The Effects of Geometry Size and Initial Microstructure on Deformation Behavior of Electrically-Assisted Micro-Compression in Ti-6Al-4V Alloy. <i>Materials</i> , 2022, 15, 1656.	2.9	1
10	Carbon Nanotube/Polymer Coaxial Cables with Strong Interface for Damping Composites and Stretchable Conductors. <i>Advanced Functional Materials</i> , 2022, 32, .	14.9	9
11	UV-B and UV-C radiation trigger both common and distinctive signal perceptions and transmissions in <i>Pinus tabulaeformis</i> Carr.. <i>Tree Physiology</i> , 2022, 42, 1587-1600.	3.1	4
12	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
13	Liquid Metal Swimming Nanorobots. <i>Accounts of Materials Research</i> , 2022, 3, 122-132.	11.7	18
14	Micro-extrusion process and microstructure evolution of miniature heat pipe in 6063 aluminum alloy. <i>International Journal of Advanced Manufacturing Technology</i> , 2022, 120, 6463-6480.	3.0	7
15	Improvement of multi-functional properties by fabricating micro-pillar arrays structures on zirconium alloy surface. <i>Science China Technological Sciences</i> , 2022, 65, 1243-1252.	4.0	7
16	A Novel Virtual Voltage Comparison Compensation for Dynamic Voltage Restorer. <i>Journal of Electrical and Computer Engineering</i> , 2022, 2022, 1-15.	0.9	1
17	Damage Diagnosis of Single-Layer Latticed Shell Based on Temperature-Induced Strain under Bayesian Framework. <i>Sensors</i> , 2022, 22, 4251.	3.8	1
18	Formation mechanism and optimization strategy of surface back-end defects in miniature complex hollow extruded profile. <i>Journal of Materials Processing Technology</i> , 2022, 308, 117726.	6.3	5

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19	A Review on Micro/Nanoforming to Fabricate 3D Metallic Structures. <i>Advanced Materials</i> , 2021, 33, e2000893.	21.0	25
20	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
21	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
22	3D Metallic Structures: A Review on Micro/Nanoforming to Fabricate 3D Metallic Structures (Adv.) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50</i>	21.0	5
23	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
24	In situ TEM observations of thickness effect on grain growth in pure titanium thin films. <i>Materials Characterization</i> , 2021, 173, 110929.	4.4	6
25	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
26	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
27	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
28	qTGW12a, a naturally varying QTL, regulates grain weight in rice. <i>Theoretical and Applied Genetics</i> , 2021, 134, 2767-2776.	3.6	10
29	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
30	Layered Ni ²⁺ /Co ²⁺ /P Electrode Synthesized by CV Electrodeposition for Hydrogen Evolution at Large Currents. <i>ChemCatChem</i> , 2021, 13, 3619-3627.	3.7	6
31	A comprehensive annotation dataset of intact LTR retrotransposons of 300 plant genomes. <i>Scientific Data</i> , 2021, 8, 174.	5.3	14
32	Fine Mapping of a Novel Major Quantitative Trait Locus, qPAA7, That Controls Panicle Apical Abortion in Rice. <i>Frontiers in Plant Science</i> , 2021, 12, 683329.	3.6	2
33	Nail-like Cu ₂ S nanoarrays with a partial interconnected structure synthesized on Cu foam for high-performance asymmetric supercapacitors. <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 21770-21779.	2.2	4
34	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
35	lncRNA SOX2-OT ceRNA network enhances the malignancy of long-term PM _{2.5} -exposed human bronchial epithelia. <i>Ecotoxicology and Environmental Safety</i> , 2021, 217, 112242.	6.0	5
36	Accurate prediction of the extrusion forming bonding reliability for heterogeneous welded sheets based on GA-BP neural network. <i>International Journal of Advanced Manufacturing Technology</i> , 2021, 117, 765-774.	3.0	5

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37	Deformation Behavior and Microstructural Evolution of T-Shape Upsetting Test in Ultrafine-Grained Pure Copper. <i>Materials</i> , 2021, 14, 4869.	2.9	0
38	pâ€Type Carbon Dots for Effective Surface Optimization for Nearâ€Recordâ€Efficiency CsPbI ₂ Br Solar Cells. <i>Small</i> , 2021, 17, e2102272.	10.0	34
39	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
40	Chromosome-scale assembly and evolution of the tetraploid <i>Salvia splendens</i> (Lamiaceae) genome. <i>Horticulture Research</i> , 2021, 8, 177.	6.3	27
41	High-Temperature Oxidation Behaviors of TA15 Titanium Alloy after Mechanical Grinding and Laser Cleaning. <i>Coatings</i> , 2021, 11, 1090.	2.6	3
42	Bioactive sesquiterpenes from <i>Inula helenium</i> . <i>Bioorganic Chemistry</i> , 2021, 114, 105066.	4.1	11
43	An etch-doping strategy: cobaltâ€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
44	A Novel Voltage Collapse Path Analysis of Primary System Equivalent Model for Smart Grid. <i>IEEE Access</i> , 2021, 9, 99409-99420.	4.2	0
45	Finite-Elements Modeling and Simulation of Electrically-Assisted Rotary-Draw Bending Process for 6063 Aluminum Alloy Micro-Tube. <i>Metals</i> , 2021, 11, 1956.	2.3	1
46	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
47	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
48	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
49	Fabricating flexible wafer-size inorganic semiconductor devices. <i>Journal of Materials Chemistry C</i> , 2020, 8, 1915-1922.	5.5	5
50	Stable bounded value analysis of disturbance in stochastic linear power systems. <i>Measurement and Control</i> , 2020, 53, 1861-1869.	1.8	0
51	Multi-scale coupling effects on flow localization during micro-compression deformation of Ti-6Al-4V alloy. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2020, 793, 139888.	5.6	6
52	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
53	Effect of Void on Yielding Behaviors in a Bicrystalline Copper. <i>Journal of Materials Engineering and Performance</i> , 2020, 29, 6617-6630.	2.5	1
54	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

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55	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
56	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
57	Screening of 5- ² -Methylthioadenosine Nucleosidase Enzyme Inhibitors from Traditional Chinese Medicine and Small Molecular Compounds by Capillary Electrophoresis After Enzymatic Reaction at Capillary Inlet. <i>Chromatographia</i> , 2020, 83, 541-548.	1.3	3
58	MicroRNA-382-5p is involved in pulmonary inflammation induced by fine particulate matter exposure. <i>Environmental Pollution</i> , 2020, 262, 114278.	7.5	20
59	Microstructural Evolution and Microhardness Variations in Pure Titanium Processed by High-Pressure Torsion. <i>Advanced Engineering Materials</i> , 2020, 22, 1901462.	3.5	14
60	Interactive effects of specimen size and current density on tribological behavior of electrically-assisted micro-forming in TC4 titanium alloy. <i>Tribology International</i> , 2020, 151, 106457.	5.9	5
61	Bio-Inspired Functional Surface Fabricated by Electrically Assisted Micro-Embossing of AZ31 Magnesium Alloy. <i>Materials</i> , 2020, 13, 412.	2.9	10
62	Effect of Pulse Current on Bending Springback of Nanocrystalline Ni Foil. <i>Journal of Materials Engineering and Performance</i> , 2020, 29, 2368-2373.	2.5	4
63	Integrated Resistive-Capacitive Strain Sensors Based on Polymer-Nanoparticle Composites. <i>ACS Applied Nano Materials</i> , 2020, 3, 4357-4366.	5.0	17
64	Long Noncoding RNA MIR17HG Promotes Colorectal Cancer Progression via miR-17-5p. <i>Cancer Research</i> , 2019, 79, 4882-4895.	0.9	157
65	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
66	Stretchable Carbon Nanotube-Polymer Composites with Homogenous Deformation and as Liquid Droplet Sensors. <i>Advanced Materials Interfaces</i> , 2019, 6, 1901354.	3.7	2
67	A Novel Hybrid Method of Spatially Filtered FDTD and Subgridding Technique. <i>IEEE Access</i> , 2019, 7, 85622-85626.	4.2	7
68	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
69	Effect of reverse pre-bulging on magnetic medium deep drawing formability of aluminum spherical bottom cylindrical parts. <i>International Journal of Advanced Manufacturing Technology</i> , 2019, 103, 4649-4657.	3.0	5
70	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
71	Well dispersive Ni nanoparticles embedded in core-shell supports as efficient catalysts for 4-nitrophenol reduction. <i>Journal of Nanoparticle Research</i> , 2019, 21, 1.	1.9	5
72	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

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73	Holey Ruthenium Nanosheets with Moderate Aluminum Modulation toward Hydrogen Evolution. <i>Inorganic Chemistry</i> , 2019, 58, 8267-8270.	4.0	18
74	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
75	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
76	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
77	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
78	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
79	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
80	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
81	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
82	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
83	Headspace in-tube microextraction combined with reverse-flow micellar electrokinetic capillary chromatography for detection of pyrethroid herbicides in fruits. <i>Acta Chromatographica</i> , 2019, 31, 189-193.	1.3	3
84	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
85	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
86	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
87	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
88	Characterization of Amylopectin Fine Structure and its Role on Pasting Properties of Starches in Rice (<i>Oryza sativa</i> L.). <i>Food Science and Technology Research</i> , 2018, 24, 347-354.	0.6	1
89	Characterization of a <i>Lactobacillus brevis</i> strain with potential oral probiotic properties. <i>BMC Microbiology</i> , 2018, 18, 221.	3.3	41
90	Mass copper micro-embossing by tungsten die for MEMS applications. <i>Journal of Micromechanics and Microengineering</i> , 2018, 28, 115016.	2.6	2

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91	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
92	Microstructural Evolution and Mechanical Properties in Superlight Mg-Li Alloy Processed by High-Pressure Torsion. <i>Materials</i> , 2018, 11, 598.	2.9	29
93	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
94	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
95	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
96	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
97	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
98	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
99	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
100	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
101	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
102	rBm \pm TX14 Increases the Life Span and Promotes the Locomotion of <i>Caenorhabditis Elegans</i> . <i>PLoS ONE</i> , 2016, 11, e0161847.	2.5	5
103	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
104	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
105	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
106	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
107	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
108	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

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109	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
110	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
111	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
112	Headspace In-Tube Microextraction Coupled with Capillary Electrophoresis for Detection of Bromophenols in Water and <i>Trachypenaues curvirostris</i> . <i>Food Analytical Methods</i> , 2016, 9, 1912-1918.	2.6	8
113	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
114	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
115	<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
116	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
117	Numerical simulation of infrared photodetectors with Au grating by FDFD method. , 2015, , .		0
118	Numerical simulation of infrared photodetectors with Au gratings by FDFD method. , 2015, , .		0
119	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
120	An evaluation of formability using micro-embossing on an ultrafine-grained magnesium AZ31 alloy processed by high-pressure torsion. <i>MATEC Web of Conferences</i> , 2015, 21, 09005.	0.2	3
121	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
122	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
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	Micro-deformation behavior in micro-compression with high-purity aluminum processed by ECAP. <i>Manufacturing Review</i> , 2015, 2, 1.	1.5	48
125	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
126	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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127	Microforming Using Ultrafine-Grained Aluminum Processed by Equal-Channel Angular Pressing. <i>Advanced Engineering Materials</i> , 2015, 17, 1022-1033.	3.5	21
128	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
129	Saline-enabled self-healing of polyelectrolyte multilayer films. <i>RSC Advances</i> , 2015, 5, 8877-8881.	3.6	5
130	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
131	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
132	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
133	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
134	<i>EARLY SENESCENCE1</i> Encodes a SCAR-LIKE PROTEIN That Affects Water Loss in Rice. <i>Plant Physiology</i> , 2015, 169, 1225-1239.	4.8	51
135	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
136	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
137	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
138	Manufacturing High Aspect Ratio Microturbine by Isothermal Microforging Process. <i>Materials and Manufacturing Processes</i> , 2014, 29, 42-45.	4.7	16
139	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
140	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
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