

# Guang-Ping Zhang

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

218  
papers

3,817  
citations

34  
h-index

52  
g-index

229  
ext. papers

4,537  
ext. citations

4.4  
avg, IF

5.69  
L-index

#	Paper	IF	Citations
218	Toward qualification of additively manufactured metal parts: Tensile and fatigue properties of selective laser melted Inconel 718 evaluated using miniature specimens. <i>Journal of Materials Science and Technology</i> , <b>2022</b> , 97, 239-253	9.1	2
217	Hierarchically Structured Ni-Enhanced Flexible Multiwall Carbon Nanotubes/Polydimethylsiloxane for a High-Performance Pressure Sensor. <i>Advanced Materials Interfaces</i> , <b>2021</b> , 8, 2101362	4.6	1
216	Toward an understanding of dwell fatigue damage mechanism of bimodal Ti-6Al-4V alloys. <i>Journal of Materials Science and Technology</i> , <b>2021</b> ,	9.1	1
215	Enhancing bending fatigue resistance of the CoCrFeMnNi high-entropy alloy thin foils by Al addition. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , <b>2021</b> , 831, 142281	5.3	0
214	Tensile Plasticity of Miniature Specimens for a Low Alloy Steel Investigated by Digital Image Correlation Technique. <i>Steel Research International</i> , <b>2021</b> , 92, 2000685	1.6	0
213	Anisotropy of small punch creep performance of selective laser melted GH4169 at 650°C. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , <b>2021</b> , 806, 140608	5.3	0
212	Pore-affected fatigue life scattering and prediction of additively manufactured Inconel 718: An investigation based on miniature specimen testing and machine learning approach. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , <b>2021</b> , 802, 140693	5.3	16
211	A hydrogen bond based self-healing superhydrophobic octadecyltriethoxysilane/ignocellulose/silica coating. <i>Progress in Organic Coatings</i> , <b>2021</b> , 151, 106104	4.8	1
210	Effects of heat treatment on microstructures and mechanical properties of GH4169/K418 functionally graded material fabricated by laser melting deposition. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , <b>2021</b> , 821, 141601	5.3	4
209	Enhancing co-deformation ability of nanograined Ni-W layers in the Ni/Ni-W laminated composites. <i>Acta Materialia</i> , <b>2021</b> , 216, 117138	8.4	2
208	Achieving very high cycle fatigue performance of Au thin films for flexible electronic applications. <i>Journal of Materials Science and Technology</i> , <b>2021</b> , 89, 107-113	9.1	2
207	In-situ investigation of dwell fatigue damage mechanism of pure Ti using digital image correlation technique. <i>Materials Characterization</i> , <b>2021</b> , 181, 111466	3.9	4
206	Effect of heat treatment on microstructures and tensile properties of TA19 alloy fabricated by laser metal deposition. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , <b>2020</b> , 782, 139284	5.3	7
205	A comparative investigation of long-term oxidation behavior of selective laser melting fabricated Inconel 718 at 650 °C. <i>Journal of Materials Research</i> , <b>2020</b> , 35, 2036-2045	2.5	2
204	Effects of surface roughness and build thickness on fatigue properties of selective laser melted Inconel 718 at 650 °C. <i>International Journal of Fatigue</i> , <b>2020</b> , 137, 105654	5	17
203	Zero-fluoroscopy transseptal puncture guided by right atrial electroanatomical mapping combined with intracardiac echocardiography: A single-center experience. <i>Clinical Cardiology</i> , <b>2020</b> , 43, 1009-1016	3.3	4
202	Tailoring sensing behavior of Cu@multi-wall carbon nanotubes/polydimethylsiloxane strain sensors through surface Cu geometrical structures. <i>Journal of Materials Chemistry C</i> , <b>2020</b> , 8, 5202-5210	7.1	4

201	Role of Cu/graphene interface in suppressing fatigue damage of submicron Cu films for flexible electronics. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , <b>2020</b> , 792, 139786	5.3	3
200	Ruling out delamination in bismuth-enhanced polyimide electrochemical actuator with tunable active/passive layer thickness. <i>Journal of Materials Chemistry A</i> , <b>2020</b> , 8, 5679-5687	13	3
199	Cumulative shear strain-induced preferential orientation during abnormal grain growth near fatigue crack tips of nanocrystalline Au films. <i>Journal of Materials Research</i> , <b>2020</b> , 35, 372-379	2.5	3
198	Enhanced strain delocalization through formation of dispersive micro shear bands in laminated Ni. <i>International Journal of Plasticity</i> , <b>2020</b> , 132, 102745	7.6	12
197	Influence of pre-torsion angles on torsion fatigue properties of 45CrMoVA steel bars. <i>International Journal of Fatigue</i> , <b>2020</b> , 137, 105645	5	2
196	HIF-1 $\alpha$ /microRNA-128-3p axis protects hippocampal neurons from apoptosis via the $\beta$ -mediated Wnt/ $\beta$ -catenin signaling pathway in Parkinson's disease models. <i>Aging</i> , <b>2020</b> , 12, 4067-4081	5.6	12
195	A unified model for determining fracture strain of metal films on flexible substrates. <i>Journal of Materials Science and Technology</i> , <b>2020</b> , 54, 87-94	9.1	3
194	Scanning strategy dependent tensile properties of selective laser melted GH4169. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , <b>2020</b> , 788, 139616	5.3	16
193	Postharvest treatment of mandarin fruit using a combination of methyl bromide and phosphine against <i>Bactrocera dorsalis</i> (Diptera: Tephritidae). <i>Pest Management Science</i> , <b>2020</b> , 76, 1938-1943	4.6	3
192	Preparation and Evaluation of Nano-Liposomal Form of Febrifugine Hydrochloride. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2020</b> , 20, 2558-2566	1.3	2
191	Small punch creep performance of heterogeneous microstructure dominated Inconel 718 fabricated by selective laser melting. <i>Materials and Design</i> , <b>2020</b> , 195, 109042	8.1	10
190	Effects and Mechanism of Action of Artemisinin on Mitochondria of <i>Plasmodium berghei</i> . <i>Chinese Journal of Integrative Medicine</i> , <b>2020</b> , 26, 277-282	2.9	3
189	Protective effect of edaravone on blood-brain barrier by affecting NRF-2/HO-1 signaling pathway. <i>Experimental and Therapeutic Medicine</i> , <b>2019</b> , 18, 2437-2442	2.1	12
188	Fatigue behavior of nanoscale Mo/W multilayers on flexible substrates. <i>MRS Advances</i> , <b>2019</b> , 4, 2309-2317	17	1
187	Graphene coating makes copper more resistant to plastic deformation. <i>Composites Communications</i> , <b>2019</b> , 12, 106-111	6.7	11
186	A model revealing grain boundary arrangement-dominated fatigue cracking behavior in nanoscale metallic multilayers. <i>MRS Communications</i> , <b>2019</b> , 9, 936-940	2.7	
185	Length-scale dominated thermal fatigue behavior in nanocrystalline Au interconnect lines. <i>Materialia</i> , <b>2019</b> , 7, 100337	3.2	
184	LC-electrolyte switch in a contiguous time segments to analyze multi-components: Simultaneous determination of phenolic acids and iridoids in rat plasma after inhalation administration of Reduning aerosol. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2019</b> , 1120, 104-112	3.2	1

183	A review on cyclic deformation damage and fatigue fracture behavior of metallic nanolayered composites. <i>Journal of Materials Research</i> , <b>2019</b> , 34, 1479-1488	2.5	11
182	Effect of scanning strategy on mechanical properties of selective laser melted Inconel 718. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , <b>2019</b> , 753, 42-48	5.3	49
181	RCC2, a regulator of the RalA signaling pathway, is identified as a novel therapeutic target in cisplatin-resistant ovarian cancer. <i>FASEB Journal</i> , <b>2019</b> , 33, 5350-5365	0.9	14
180	Comparative study of the efficacy and pharmacokinetics of reduning injection and atomization inhalation. <i>Biomedicine and Pharmacotherapy</i> , <b>2019</b> , 118, 109226	7.5	6
179	Evaluation of the Low-Cycle Fatigue Life of Thin Dual-Phase Steel Sheets for Automobiles Using Miniature Specimens. <i>Steel Research International</i> , <b>2019</b> , 90, 1900186	1.6	1
178	Serum secreted miR-137-containing exosomes affects oxidative stress of neurons by regulating OXR1 in Parkinson's disease. <i>Brain Research</i> , <b>2019</b> , 1722, 146331	3.7	34
177	Surface flaws control strain localization in the deformation of Cu Au nanolaminate pillars. <i>MRS Communications</i> , <b>2019</b> , 9, 1067-1071	2.7	2
176	Bilayer graphene-covered Cu flexible electrode with excellent mechanical reliability and electrical performance. <i>Journal of Materials Research</i> , <b>2019</b> , 34, 3645-3653	2.5	3
175	Multiple gastric adenocarcinoma of fundic gland type: A case report. <i>World Journal of Clinical Cases</i> , <b>2019</b> , 7, 2871-2878	1.6	3
174	Nrf2/HO-1 Mediated Protective Activity of Genistein Against Doxorubicin-Induced Cardiac Toxicity. <i>Journal of Environmental Pathology, Toxicology and Oncology</i> , <b>2019</b> , 38, 143-152	2.1	9
173	Schizophrenia Patient Shows a Rare Interleukin 15 Receptor alpha Variant Disrupting Signal Transduction. <i>Current Molecular Medicine</i> , <b>2019</b> , 19, 560-569	2.5	2
172	Performance optimization of liquid crystal optical phased array beam based on stochastic parallel gradient descent algorithm <b>2019</b> ,		1
171	Long noncoding RNA CASC2 suppresses esophageal squamous cell carcinoma progression by increasing SOCS1 expression. <i>Cell and Bioscience</i> , <b>2019</b> , 9, 90	9.8	15
170	Circulating Galectin-3 and Atrial Fibrillation Recurrence after Catheter Ablation: A Meta-Analysis. <i>Cardiovascular Therapeutics</i> , <b>2019</b> , 2019, 4148129	3.3	9
169	Interface-coupling-dependent mechanical behaviors of sandwich-structured Ni/Cu/Ni composites. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , <b>2019</b> , 743, 436-444	5.3	11
168	Detecting void-induced scatter of fatigue life of selective laser melting-fabricated inconel 718 using miniature specimens. <i>Materials Research Express</i> , <b>2019</b> , 6, 046549	1.7	7
167	Comparative investigation of small punch creep resistance of Inconel 718 fabricated by selective laser melting. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , <b>2019</b> , 745, 31-38	5.3	28
166	Data-driven evaluation of fatigue performance of additive manufactured parts using miniature specimens. <i>Journal of Materials Science and Technology</i> , <b>2019</b> , 35, 1137-1146	9.1	30

165	Impact of childhood trauma on sensorimotor gating in Chinese patients with chronic schizophrenia. <i>Psychiatry Research</i> , <b>2018</b> , 263, 69-73	9.9	3
164	A novel evaluation strategy for fatigue reliability of flexible nanoscale films. <i>Materials Research Express</i> , <b>2018</b> , 5, 035012	1.7	11
163	Effect of scanning strategy on grain structure and crystallographic texture of Inconel 718 processed by selective laser melting. <i>Journal of Materials Science and Technology</i> , <b>2018</b> , 34, 1799-1804	9.1	137
162	Toward an understanding of post-necking behavior in ultrafine-scale Cu/Ni laminated composites. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , <b>2018</b> , 716, 72-77	5.3	5
161	Enhancing fatigue strength of high-strength ultrafine-scale Cu/Ni laminated composites. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , <b>2018</b> , 714, 43-48	5.3	8
160	3D X-ray tomography characterization of creep cavities in small-punch tested 316 stainless steels. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , <b>2018</b> , 724, 69-74	5.3	7
159	Aptamer-based microcantilever-array biosensor for profenofos detection. <i>Analytica Chimica Acta</i> , <b>2018</b> , 1020, 116-122	6.6	34
158	Roflumilast enhances cisplatin-sensitivity and reverses cisplatin-resistance of ovarian cancer cells via cAMP/PKA/CREB-FtMt signalling axis. <i>Cell Proliferation</i> , <b>2018</b> , 51, e12474	7.9	11
157	Enhancing Fatigue Strength of Selective Laser Melting-Fabricated Inconel 718 by Tailoring Heat Treatment Route. <i>Advanced Engineering Materials</i> , <b>2018</b> , 20, 1800307	3.5	33
156	Optimizing fatigue performance of nacre-mimetic PE/TiO <sub>2</sub> nanolayered composites by tailoring thickness ratio. <i>Journal of Materials Research</i> , <b>2018</b> , 33, 1543-1552	2.5	4
155	Optimal Bainite Contents for Maximizing Fatigue Cracking Resistance of Bainite/Martensite Dual-Phase EA4T Steels. <i>Steel Research International</i> , <b>2018</b> , 89, 1700562	1.6	6
154	Grain refinement of micrometer-scale Cu foils through accumulative cyclic deformation. <i>Materials Research Express</i> , <b>2018</b> , 5, 066406	1.7	1
153	Microstructure-Dependent Local Fatigue Cracking Resistance of Bimodal Ti <sub>6</sub> Al <sub>4</sub> V Alloys. <i>Advanced Engineering Materials</i> , <b>2018</b> , 20, 1700702	3.5	4
152	Effect of stress profile on microstructure evolution of cold-drawn commercially pure aluminum wire analyzed by finite element simulation. <i>Journal of Materials Science and Technology</i> , <b>2018</b> , 34, 1214-1221	9.1	11
151	Influence of alloy element partitioning on strength of primary $\beta$ phase in Ti-6Al-4V alloy. <i>Journal of Materials Science and Technology</i> , <b>2018</b> , 34, 782-787	9.1	31
150	Enhancement of shear stability of a Fe-based amorphous alloy using electrodeposited Ni layers. <i>Journal of Materials Science and Technology</i> , <b>2018</b> , 34, 2283-2289	9.1	5
149	Dislocation-dominated non-crystallographic rotation in shear bands of Cu/Au nanolayered composites. <i>Materials Letters</i> , <b>2018</b> , 226, 67-70	3.3	1
148	Microstructural Evolution and Service Performance of Cold-drawn Pure Aluminum Conductor Wires. <i>Journal of Materials Science and Technology</i> , <b>2017</b> , 33, 1039-1043	9.1	23

147	A Cantilever Array Sensor Platform Guided by Optical Fibers and Its Sensing Application. <i>Chinese Journal of Analytical Chemistry</i> , <b>2017</b> , 45, 42-47	1.6	4
146	Fatigue and Fracture Reliability of Shell-Mimetic PE/TiO <sub>2</sub> Nanolayered Composites . <i>Advanced Engineering Materials</i> , <b>2017</b> , 19, 1700246	3.5	3
145	Effect of childhood trauma on cognitive functions in a sample of Chinese patients with schizophrenia. <i>Comprehensive Psychiatry</i> , <b>2017</b> , 76, 147-152	7.3	16
144	Mechanical properties of crossed-lamellar structures in biological shells: A review. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , <b>2017</b> , 74, 54-71	4.1	53
143	Maximizing necking-delayed fracture of sandwich-structured Ni/Cu/Ni composites. <i>Scripta Materialia</i> , <b>2017</b> , 134, 28-32	5.6	26
142	Parametric optimization designs of a thermoelectric refrigeration device existing Zeeman and Coulomb effects. <i>Energy Conversion and Management</i> , <b>2017</b> , 138, 237-247	10.6	1
141	Exploring transgene transfer from the transgenic chicken model to its offspring through a nonviral vector. <i>Russian Journal of Bioorganic Chemistry</i> , <b>2017</b> , 43, 570-575	1	1
140	Bioactivity-Guided Fractionation of the Traditional Chinese Medicine Resina Draconis Reveals Loureirin B as a PAI-1 Inhibitor. <i>Evidence-based Complementary and Alternative Medicine</i> , <b>2017</b> , 2017, 9425963	2.3	8
139	TMED2 promotes epithelial ovarian cancer growth. <i>Oncotarget</i> , <b>2017</b> , 8, 94151-94165	3.3	10
138	Grain Boundary Effects on Microstructural Stability of Nanocrystalline Metallic Materials <b>2017</b> ,		3
137	Deformation-mechanism dependent stretchability of nanocrystalline gold films on flexible substrates. <i>Journal of Materials Research</i> , <b>2017</b> , 32, 3516-3523	2.5	6
136	Detecting co-deformation behavior of Cu/Au nanolayered composites. <i>Materials Research Letters</i> , <b>2017</b> , 5, 20-28	7.4	9
135	Grain boundary instability dependent fatigue damage behavior in nanoscale gold films on flexible substrates. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , <b>2017</b> , 702, 81-86	5.3	17
134	Forming incoherent twin boundaries: a new way for nanograin growth under cyclic loading. <i>Materials Research Letters</i> , <b>2017</b> , 5, 95-101	7.4	9
133	Microcantilever array instrument based on optical fiber and performance analysis. <i>Review of Scientific Instruments</i> , <b>2017</b> , 88, 075007	1.7	6
132	Inhibition of PAI-1 Activity by Toddalolactone as a Mechanism for Promoting Blood Circulation and Removing Stasis by Chinese Herb var.. <i>Frontiers in Pharmacology</i> , <b>2017</b> , 8, 489	5.6	12
131	High-Cycle Fatigue Properties of Ultrafine-Scale Cu/Ni Laminated Composites . <i>Advanced Engineering Materials</i> , <b>2016</b> , 18, 2003-2009	3.5	9
130	Local-structure-affected behavior during self-driven grain boundary migration. <i>MRS Communications</i> , <b>2016</b> , 6, 85-91	2.7	8

129	Chitooligosaccharide Inhibits Scar Formation and Enhances Functional Recovery in a Mouse Model of Sciatic Nerve Injury. <i>Molecular Neurobiology</i> , <b>2016</b> , 53, 2249-57	6.2	9
128	Fracture behavior of sandwich-structured metal/amorphous alloy/metal composites. <i>Materials and Design</i> , <b>2016</b> , 90, 60-65	8.1	18
127	Algorithm Research for Function Damage Assessment of Airport Runway. <i>Communications in Computer and Information Science</i> , <b>2016</b> , 374-384	0.3	
126	Nanotwin-enhanced fatigue resistance of ultrathin Ag films for flexible electronics applications. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , <b>2016</b> , 676, 421-426	5.3	16
125	Modulation of plasminogen activator inhibitor-1 (PAI-1) by the naphthoquinone shikonin. <i>Phytotherapy</i> , <b>2016</b> , 113, 117-22	3.2	12
124	Bone marrow stromal cells transplantation combined with ultrashortwave therapy promotes functional recovery on spinal cord injury in rats. <i>Synapse</i> , <b>2015</b> , 69, 139-47	2.4	5
123	Biological Self-Arrangement of Fiber Like Aragonite and Its Effect on Mechanical Behavior of Veined rapa whelk Shell. <i>Journal of the American Ceramic Society</i> , <b>2015</b> , 98, 3319-3325	3.8	17
122	Energetic and thermal properties of tilt grain boundaries in graphene/hexagonal boron nitride heterostructures. <i>Functional Materials Letters</i> , <b>2015</b> , 08, 1550038	1.2	5
121	Fatigue cracking behavior of 6063 aluminum alloy for fitting clamps of overhead conductor lines. <i>Materials and Design</i> , <b>2015</b> , 88, 478-484	8.1	4
120	Room-temperature workability of 6063 alloy for fitting clamps of overhead conductor lines. <i>Materials &amp; Design</i> , <b>2015</b> , 65, 187-192		8
119	Recombinant Human Granulocyte Colony-Stimulating Factor Promotes Preinvasive and Invasive Estrogen Receptor-Positive Tumor Development in MMTV-erbB2 Mice. <i>Journal of Breast Cancer</i> , <b>2015</b> , 18, 126-33	3	5
118	Mechanical Behavior of Nanostructured Materials. <i>Journal of Nanomaterials</i> , <b>2015</b> , 2015, 1-2	3.2	1
117	Microstructural vortex formation during cyclic sliding of Cu/Au multilayers. <i>Scripta Materialia</i> , <b>2015</b> , 107, 67-70	5.6	32
116	The inhibition of histone deacetylase 8 suppresses proliferation and inhibits apoptosis in gastric adenocarcinoma. <i>International Journal of Oncology</i> , <b>2015</b> , 47, 1819-28	4.4	23
115	Performance evaluation and optimum analysis of a photovoltaic-driven electrolyzer system for hydrogen production. <i>International Journal of Hydrogen Energy</i> , <b>2015</b> , 40, 3170-3179	6.7	18
114	Enhancing fatigue cracking resistance of nanocrystalline Cu films on a flexible substrate. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , <b>2015</b> , 627, 61-64	5.3	8
113	Nanotwin-assisted grain growth in nanocrystalline gold films under cyclic loading. <i>Nature Communications</i> , <b>2014</b> , 5, 3021	17.4	56
112	New Mesogenic Compounds Containing a Terminal-Substituted Benzoxazole Unit. <i>Molecular Crystals and Liquid Crystals</i> , <b>2014</b> , 592, 44-62	0.5	6

111	Detecting mechanical properties of microstructure units in Ti <sub>6</sub> Al <sub>4</sub> Mo <sub>2</sub> Zr <sub>0.3</sub> Si alloy. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , <b>2014</b> , 617, 84-88	5.3	6
110	The classification and application of toxic Chinese materia medica. <i>Phytotherapy Research</i> , <b>2014</b> , 28, 334-347	4.7	23
109	Strain rate dependent tensile plasticity of ultrafine-grained Cu/Ni laminated composites. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , <b>2014</b> , 609, 318-322	5.3	24
108	Synthesis and toughening behavior of bio-inspired nanocrystalline TiO <sub>2</sub> /polyelectrolyte nanolayered composites. <i>Materials Research Bulletin</i> , <b>2014</b> , 50, 128-131	5.1	8
107	Mechanical annealing of Cu-Si nanowires during high-cycle fatigue. <i>MRS Communications</i> , <b>2014</b> , 4, 83-87	2.7	5
106	Frequency-dependent failure mechanisms of nanocrystalline gold interconnect lines under general alternating current. <i>Journal of Applied Physics</i> , <b>2014</b> , 116, 103509	2.5	8
105	Geometrical Scale-Sensitive Fatigue Properties of Ti <sub>6</sub> Al <sub>4</sub> Mo <sub>2</sub> Zr <sub>0.3</sub> Si Alloys With $\lambda$ Lamellar Microstructures. <i>Journal of Materials Science and Technology</i> , <b>2014</b> , 30, 1284-1288	9.1	8
104	Strain-gradient dependent fatigue behavior of micron-thick copper single crystal foils. <i>Computational Materials Science</i> , <b>2014</b> , 85, 223-229	3.2	10
103	Effects of grain size and initial immobile dislocation density on fatigue behavior of polycrystalline metals. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , <b>2014</b> , 590, 194-198	5.3	10
102	Numerical analysis of shape transition in graphene nanoribbons. <i>Computational Materials Science</i> , <b>2013</b> , 75, 69-72	3.2	5
101	Microstructures and mechanical performance of polyelectrolyte/nanocrystalline TiO <sub>2</sub> nanolayered composites. <i>Nanoscale Research Letters</i> , <b>2013</b> , 8, 44	5	4
100	On size effects on fatigue properties of metal foils at micrometer scales. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , <b>2013</b> , 575, 217-222	5.3	21
99	Microstructures and strengthening mechanisms of Cu/Ni/W nanolayered composites. <i>Philosophical Magazine</i> , <b>2013</b> , 93, 434-448	1.6	15
98	Deformation and damage behavior of colonies in a small-sized $\beta$ Ti alloy. <i>Scripta Materialia</i> , <b>2013</b> , 68, 715-718	5.6	5
97	On Temperature and Strain Rate Dependent Strain Localization Behavior in Ti <sub>6</sub> Al <sub>4</sub> Mo <sub>2</sub> Zr <sub>0.3</sub> Si Alloy. <i>Journal of Materials Science and Technology</i> , <b>2013</b> , 29, 273-278	9.1	8
96	A Decision Making Support System for Ocean-bottom Seismometer Position based on GIS. <i>Procedia Computer Science</i> , <b>2013</b> , 18, 2454-2457	1.6	0
95	Evaluation of plastic deformation ability of Cu/Ni/W metallic multilayers. <i>Thin Solid Films</i> , <b>2013</b> , 527, 227-231	2.2	12
94	The Technique of Ion Beam Etching Polishing. <i>Applied Mechanics and Materials</i> , <b>2013</b> , 395-396, 1066-1070.	0.3	



93	The Planarization Technology of Optical Element Surface. <i>Applied Mechanics and Materials</i> , <b>2013</b> , 401-403, 942-945	0.3	
92	Comparisons of Microstructures and Hardness Distribution between Clinocardium Californiense and Veined Rapa Whelk Shells. <i>Key Engineering Materials</i> , <b>2013</b> , 544, 295-298	0.4	3
91	Fatigue Damage Behavior of Freestanding 40 μm-Thick Nickel Foils for MEMS Applications. <i>Advanced Engineering Materials</i> , <b>2013</b> , 15, 496-502	3.5	10
90	Shear stress-driven refreshing capability of plastic deformation in nanolayered metals. <i>Physical Review Letters</i> , <b>2013</b> , 110, 155502	7.4	27
89	Revealing the tunable twinning/detwinning behavior in 25 nm Cu/Au multilayers. <i>Applied Physics Letters</i> , <b>2013</b> , 102, 211905	3.4	9
88	Understanding scale-dependent yield stress of metals at micrometre scales. <i>Philosophical Magazine Letters</i> , <b>2013</b> , 93, 531-540	1	5
87	Characterization of ZrSiN films deposited by cathodic vacuum arc with different N <sub>2</sub> /SiH <sub>4</sub> flow rates. <i>Applied Surface Science</i> , <b>2012</b> , 258, 3674-3678	6.7	7
86	Influence of pulsed substrate bias on the structure and properties of TiAlN films deposited by cathodic vacuum arc. <i>Applied Surface Science</i> , <b>2012</b> , 258, 7274-7279	6.7	38
85	Microstructure Dependent Fatigue Cracking Resistance of Ti <sub>0.5</sub> Al <sub>0.5</sub> Mo <sub>0.5</sub> Zr <sub>0.3</sub> Si Alloy. <i>Journal of Materials Science and Technology</i> , <b>2012</b> , 28, 614-621	9.1	15
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3	Thermal Fatigue Failure Analysis of Copper Interconnects under Alternating Currents	2
2	Fatigue and Thermal Fatigue Damage Analysis of Thin Metal Films	1
1	Theoretical Evaluation of Strengthening Ability of Phase Interfaces in Lamellar Ti Alloys. <i>Advanced Engineering Materials</i> ,2101570	3.5 0