

# Liang Hao

## List of Publications by Year in descending order

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259  
papers

11,372  
citations

47006

47  
h-index

33894

99  
g-index

263  
all docs

263  
docs citations

263  
times ranked

11126  
citing authors

#	ARTICLE	IF	CITATIONS
1	Inhibition of Rgs10 aggravates periodontitis with collagen-induced arthritis via the nuclear factor- $\kappa$ B pathway. <i>Oral Diseases</i> , 2023, 29, 1802-1811.	3.0	1
2	Defect engineering on sea-urchin-like transition-metal oxides for high-performance supercapacitors. <i>Journal of Power Sources</i> , 2022, 533, 231409.	7.8	10
3	Inhibition of $\kappa$ -associated protein dephosphorylation prevents aggravated periodontitis with occlusal trauma. <i>Journal of Periodontology</i> , 2021, 92, 1036-1048.	3.4	10
4	Flexible TiO <sub>2</sub> nanogras array film decorated with BiOI nanoflakes and its greatly boosted photocatalytic activity. <i>Ceramics International</i> , 2021, 47, 7845-7852.	4.8	12
5	Preparation and thermoelectric properties of CuAlO <sub>2</sub> compacts by tape casting followed by SPS. <i>Journal of Alloys and Compounds</i> , 2021, 853, 157086.	5.5	13
6	Significantly enhanced photocatalytic activity of TiO <sub>2</sub> /TiC coatings under visible light. <i>Journal of Solid State Electrochemistry</i> , 2021, 25, 603-609.	2.5	1
7	A frequency filter of backscattered light of stimulated Raman scattering due to the Raman rescattering in the gas-filled hohlraums. <i>Nuclear Fusion</i> , 2021, 61, 036041.	3.5	7
8	Periodontitis aggravates kidney injury by upregulating STAT1 expression in a mouse model of hypertension. <i>FEBS Open Bio</i> , 2021, 11, 880-889.	2.3	7
9	Defect concentration regulation in nanoflower-like WO <sub>3</sub> film and its influence on photocatalytic activity. <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 9412-9423.	2.2	3
10	Enhanced photocatalytic activity and stability of TiO <sub>2</sub> /graphene oxide composites coatings by electrophoresis deposition. <i>Materials Letters</i> , 2021, 286, 129258.	2.6	14
11	Inhibition of receptor-interacting protein kinase-3 in the necroptosis pathway attenuates inflammatory bone loss in experimental apical periodontitis in Balb/c mice. <i>International Endodontic Journal</i> , 2021, 54, 1538-1547.	5.0	10
12	A nanotree-like WO <sub>3</sub> film with adjustable defect concentration and its photocatalytic activity. <i>Materials Science in Semiconductor Processing</i> , 2021, 127, 105737.	4.0	11
13	Inhibition of regulator of G protein signaling 10, aggravates rheumatoid arthritis progression by promoting NF- $\kappa$ B signaling pathway. <i>Molecular Immunology</i> , 2021, 134, 236-246.	2.2	9
14	Collective stimulated Brillouin scattering with shared ion acoustic wave under the action of two overlapping laser beams. <i>Plasma Physics and Controlled Fusion</i> , 2021, 63, 125026.	2.1	2
15	Investigation of Langdon effect on the stimulated backward Raman and Brillouin scattering. <i>Plasma Physics and Controlled Fusion</i> , 2021, 63, 125021.	2.1	4
16	Collective stimulated Brillouin scattering modes of two crossing laser beams with shared scattered wave. <i>Matter and Radiation at Extremes</i> , 2021, 6, .	3.9	11
17	Inhibition of Ctsk modulates periodontitis with arthritis via downregulation of TLR9 and autophagy. <i>Cell Proliferation</i> , 2020, 53, e12722.	5.3	35
18	A simple and effective approach to fabricate transparent p-n homojunction KZO/ZnO thin films. <i>Materials Letters</i> , 2020, 276, 128163.	2.6	5

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19	Influence of sulfuric-acid-bath pretreatment and soaked in sulfuric acid on surface morphology and photocatalytic activity of titania coatings. <i>Science China Technological Sciences</i> , 2020, 63, 2657-2663.	4.0	0
20	Effect of minor graphene doping on the microstructure and superconductivity of FeSe. <i>Journal of Materials Science: Materials in Electronics</i> , 2020, 31, 15336-15344.	2.2	5
21	Inhibition of Cathepsin K Alleviates Autophagy-Related Inflammation in Periodontitis-Aggravating Arthritis. <i>Infection and Immunity</i> , 2020, 88, .	2.2	6
22	Anodized BiOI coatings and their photocatalytic activity of organic dye degradation. <i>Surfaces and Interfaces</i> , 2020, 20, 100562.	3.0	2
23	Interaction of parametric instabilities from 3 $\mu\text{m}$ and 2 $\mu\text{m}$ lasers in large-scale inhomogeneous plasmas. <i>Nuclear Fusion</i> , 2020, 60, 066012.	3.5	13
24	Enhanced photocatalytic activity of titania coatings fabricated at relatively low oxidation temperature with sulfate-acid-bath pretreatment. <i>Applied Physics A: Materials Science and Processing</i> , 2020, 126, 1.	2.3	1
25	Growth rate and gain of stimulated Brillouin scattering considering nonlinear Landau damping due to particle trapping. <i>Plasma Physics and Controlled Fusion</i> , 2020, 62, 045013.	2.1	4
26	The experimental investigation of the hohlraum energetics of two-entrance holes spherical hohlraum at the 100 kJ level laser facility. <i>Physics of Plasmas</i> , 2020, 27, 032702.	1.9	1
27	Anodized Bi <sub>2</sub> O <sub>3</sub> film prepared in NaOH and oxalic acid and the photocatalytic activity in organic dye degradation. <i>Journal of Materials Science: Materials in Electronics</i> , 2020, 31, 10846-10854.	2.2	1
28	Recent research progress of laser plasma interactions in Shenguang laser facilities. <i>Matter and Radiation at Extremes</i> , 2019, 4, .	3.9	28
29	Anomalous mix induced by a collisionless shock wave in an inertial confinement fusion hohlraum. <i>Nuclear Fusion</i> , 2019, 59, 106016.	3.5	5
30	Activation of the STAT1 Pathway Accelerates Periodontitis in Nos3 <sup>-/-</sup> Mice. <i>Journal of Dental Research</i> , 2019, 98, 1027-1036.	5.2	21
31	Effect of Ni doping on microstructure and superconductivity of MgB <sub>2</sub> prepared by C - coated B powder. <i>Physica C: Superconductivity and Its Applications</i> , 2019, 566, 1353540.	1.2	7
32	Low-temperature S-doping on N-doped TiO <sub>2</sub> films and remarkable enhancement on visible-light performance. <i>Materials Research Bulletin</i> , 2019, 120, 110594.	5.2	17
33	Investigation on laser plasma instability of the outer ring beams on SGIII laser facility. <i>AIP Advances</i> , 2019, 9, .	1.3	6
34	Enhanced photocatalytic activity of potassium-doped titania photocatalyst films with nanosheet structure. <i>Materials Letters</i> , 2019, 242, 174-178.	2.6	11
35	Fabrication and characterization of environmental purification unit using photo-catalytic balls with heterojunction. <i>Journal of Water Process Engineering</i> , 2019, 31, 100858.	5.6	5
36	Analysis of the co-doping effect of graphene and nano-Ni on grain connectivity and critical current density in MgB <sub>2</sub> superconductors. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 9888-9896.	2.2	2

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37	C1 Silencing Attenuates Inflammation and Alveolar Bone Resorption in Endodontic Disease. <i>Journal of Endodontics</i> , 2019, 45, 898-906.	3.1	5
38	Modeling of Ion Crossover in an All-Vanadium Redox Flow Battery with the Interfacial Effect at Membrane/Electrode Interfaces. <i>Journal of the Electrochemical Society</i> , 2019, 166, A1310-A1322.	2.9	35
39	Effect of Membrane Properties on Ion Crossover in Vanadium Redox Flow Batteries. <i>Journal of the Electrochemical Society</i> , 2019, 166, A3784-A3795.	2.9	7
40	Synergetic improvement strategy on thermoelectric performance of CuAlO <sub>2</sub> compacts. <i>Ceramics International</i> , 2019, 45, 5486-5490.	4.8	5
41	Multiple charge carrier transfer pathways in BiOBr/Bi <sub>2</sub> O <sub>3</sub> /BiOO.67F1.66 ternary composite with high adsorption and photocatalytic performance. <i>Journal of Alloys and Compounds</i> , 2019, 778, 924-932.	5.5	12
42	Inhibition of Ctsk alleviates periodontitis and comorbid rheumatoid arthritis via downregulation of the TLR9 signalling pathway. <i>Journal of Clinical Periodontology</i> , 2019, 46, 286-296.	4.9	26
43	Traumatic occlusion aggravates bone loss during periodontitis and activates Hippo-YAP pathway. <i>Journal of Clinical Periodontology</i> , 2019, 46, 438-447.	4.9	26
44	Oxygen vacancies in TiO <sub>2</sub> /SnO coatings prepared by ball milling followed by calcination and their influence on the photocatalytic activity. <i>Applied Surface Science</i> , 2019, 466, 490-497.	6.1	24
45	Solar-responsive photocatalytic activity of amorphous TiO <sub>2</sub> nanotube-array films. <i>Materials Science in Semiconductor Processing</i> , 2019, 89, 161-169.	4.0	17
46	Lysyl oxidases expression and histopathological changes of the diabetic rat nephron. <i>Molecular Medicine Reports</i> , 2018, 17, 2431-2441.	2.4	16
47	Faraday effect on stimulated Raman scattering in the linear region. <i>Plasma Physics and Controlled Fusion</i> , 2018, 60, 045008.	2.1	10
48	Ultrasonic-assisted in-situ fabrication of BiOBr modified Bi <sub>2</sub> O <sub>2</sub> CO <sub>3</sub> microstructure with enhanced photocatalytic performance. <i>Ultrasonics Sonochemistry</i> , 2018, 44, 137-145.	8.2	32
49	Constructing novel Bi <sub>2</sub> SiO <sub>5</sub> -Bi <sub>2</sub> O <sub>3</sub> hybrid loaded sepiolite with enhanced visible light photocatalytic activity. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 6316-6322.	2.2	7
50	LOX-related collagen crosslink changes act as an initiator of bone fragility in a ZDF rats model. <i>Biochemical and Biophysical Research Communications</i> , 2018, 495, 821-827.	2.1	8
51	The comparison of biocompatibility and osteoinductivity between multi-walled and single-walled carbon nanotube/PHBV composites. <i>Journal of Materials Science: Materials in Medicine</i> , 2018, 29, 189.	3.6	13
52	Composition and Structure Evolution of Bi <sub>2</sub> O <sub>3</sub> Coatings as Efficient Photocatalysts. <i>Coatings</i> , 2018, 8, 14.	2.6	4
53	Solar-responsive sole TiO <sub>2</sub> nanotube arrays with high photocatalytic activity prepared by one-step anodic oxidation. <i>Journal of Solid State Electrochemistry</i> , 2018, 22, 3183-3190.	2.5	2
54	Template-induced Bi <sub>2</sub> O <sub>2</sub> CO <sub>3</sub> microstructure self-assembled by nanosheets with exposed {001} facets. <i>Materials Research Express</i> , 2018, 5, 065901.	1.6	7

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55	Laser plasma instability in indirect-drive inertial confinement fusion. <i>Scientia Sinica: Physica, Mechanica Et Astronomica</i> , 2018, 48, 065203.	0.4	4
56	The Triple Functions of D2 Silencing in Treatment of Periapical Disease. <i>Journal of Endodontics</i> , 2017, 43, 272-278.	3.1	8
57	$\text{G}\beta 13$ negatively controls osteoclastogenesis through inhibition of the Akt-GSK3 $\beta$ -NFATc1 signalling pathway. <i>Nature Communications</i> , 2017, 8, 13700.	12.8	105
58	Microstructural and surface modifications and hydroxyapatite coating of Ti-6Al-4V triply periodic minimal surface lattices fabricated by selective laser melting. <i>Materials Science and Engineering C</i> , 2017, 75, 1515-1524.	7.3	94
59	Magnesium phase TiO <sub>2</sub> -1 bulks prepared by SPS followed by carbon reduction and their thermoelectric performance. <i>Journal of Alloys and Compounds</i> , 2017, 722, 846-851.	5.5	16
60	Easily recycled Bi <sub>2</sub> O <sub>3</sub> photocatalyst coatings prepared via ball milling followed by calcination. <i>Applied Physics A: Materials Science and Processing</i> , 2017, 123, 1.	2.3	7
61	Experimental demonstration of low laser-plasma instabilities in gas-filled spherical hohlraums at laser injection angle designed for ignition target. <i>Physical Review E</i> , 2017, 95, 031202.	2.1	28
62	Nonlinear fluid simulation study of stimulated Raman and Brillouin scatterings in shock ignition. <i>Physics of Plasmas</i> , 2017, 24, .	1.9	16
63	Electron Shock Ignition of Inertial Fusion Targets. <i>Physical Review Letters</i> , 2017, 119, 195001.	7.8	42
64	Preparation of core-shell Zn-doped CoFe <sub>2</sub> O <sub>4</sub> cubes @CNT composites and their absorbing performances. <i>Micro and Nano Letters</i> , 2017, 12, 227-230.	1.3	13
65	Fabrication and Characterization of Photocatalyst Coatings by Heat Treatment in Carbon Powder for TiC Coatings. <i>Solid State Phenomena</i> , 2017, 263, 137-141.	0.3	0
66	Preparation of Metal Coatings on Steel Balls Using Mechanical Coating Technique and Its Process Analysis. <i>Coatings</i> , 2017, 7, 53.	2.6	2
67	A safe and efficient approach to fabricate black carbon-doped rutile titania by substitution of oxygen at carbon sites in titanium carbide film. <i>Materials Express</i> , 2017, 7, 509-515.	0.5	3
68	Recent Research and Patents on Preparation and Application of Starch-Based Plastics. <i>Recent Patents on Mechanical Engineering</i> , 2017, 10, .	0.3	1
69	The silencing of cathepsin K used in gene therapy for periodontal disease reveals the role of cathepsin K in chronic infection and inflammation. <i>Journal of Periodontal Research</i> , 2016, 51, 647-660.	2.7	33
70	High Temperature Oxidation of Indefinite Chill Roll Material Under Dry and Humid Atmospheres. <i>Steel Research International</i> , 2016, 87, 349-358.	1.8	3
71	Simulation of stimulated Brillouin scattering and stimulated Raman scattering in shock ignition. <i>Physics of Plasmas</i> , 2016, 23, 042702.	1.9	16
72	Surface topography evolution of TiO <sub>2</sub> /SnO <sub>2</sub> coatings during thermal oxidation of Ti/Sn composite coatings. <i>Surface and Coatings Technology</i> , 2016, 291, 325-333.	4.8	3

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73	Fracture toughness and tensile strength of 316L stainless steel cellular lattice structures manufactured using the selective laser melting technique. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2016, 669, 1-6.	5.6	135
74	Low-intensity pulsed ultrasound upregulates pro-myelination indicators of Schwann cells enhanced by co-culture with adipose-derived stem cells. <i>Cell Proliferation</i> , 2016, 49, 720-728.	5.3	22
75	Fabrication and characterization of photocatalyst composite coatings of TiO <sub>2</sub> /TiC-Ti using Ti and TiC powders. <i>Surface and Coatings Technology</i> , 2016, 307, 627-632.	4.8	6
76	Synthesis of magnetic nickel ferrite microspheres and their microwave absorbing properties. <i>Chemical Research in Chinese Universities</i> , 2016, 32, 678-681.	2.6	13
77	The light diffraction effect on stimulated Raman scattering. <i>Physics of Plasmas</i> , 2016, 23, 022705.	1.9	4
78	Influence of carbon atmosphere on surface morphology and photocatalytic activity of TiO <sub>2</sub> coatings by multi-heat treatment. <i>Journal of Materials Science: Materials in Electronics</i> , 2016, 27, 3873-3879.	2.2	3
79	Multi-objective layout optimization of a satellite module using the Wang-Landau sampling method with local search. <i>Frontiers of Information Technology and Electronic Engineering</i> , 2016, 17, 527-542.	2.6	15
80	Influence of heat treatment process on photocatalytic activity of photocatalyst TiO <sub>2</sub> /TiC <sub>x</sub> O <sub>y</sub> coatings during heat treatment in carbon powder. <i>Journal of Materials Science: Materials in Electronics</i> , 2016, 27, 10399-10404.	2.2	5
81	Synthesis and electrochemical performances of mixed-valence vanadium oxide/ordered mesoporous carbon composites for supercapacitors. <i>RSC Advances</i> , 2016, 6, 25056-25061.	3.6	15
82	Enhanced photocatalytic activity of photocatalyst coatings by heat treatment in carbon atmosphere. <i>Materials Letters</i> , 2016, 167, 43-46.	2.6	17
83	Fabrication of oxygen-deficient TiO <sub>2</sub> coatings with nano-fiber morphology for visible-light photocatalysis. <i>Materials Science in Semiconductor Processing</i> , 2016, 41, 358-363.	4.0	33
84	Investigating the feasibility of supply chain-centric business models in 3D chocolate printing: A simulation study. <i>Technological Forecasting and Social Change</i> , 2016, 102, 202-213.	11.6	102
85	The development of laser-plasma interaction program LAP3D on thousands of processors. <i>AIP Advances</i> , 2015, 5, .	1.3	4
86	RNAi Silencing of IL-1 $\beta$ and TNF $\alpha$ in the Treatment of Post-traumatic Arthritis in Rabbits. <i>Chemical Biology and Drug Design</i> , 2015, 86, 1466-1470.	3.2	9
87	Ac45 silencing mediated by AAV-shRNA prevents both bone loss and inflammation caused by periodontitis. <i>Journal of Clinical Periodontology</i> , 2015, 42, 599-608.	4.9	15
88	Formation Process of Ti Coatings in Mechanical Coating with Different Rotation Speed. <i>Materials Science Forum</i> , 2015, 833, 161-164.	0.3	1
89	Review on the Photocatalyst Coatings of TiO <sub>2</sub> : Fabrication by Mechanical Coating Technique and Its Application. <i>Coatings</i> , 2015, 5, 425-464.	2.6	22
90	Enhanced Photocatalytic Activity of TiO <sub>2</sub> Coatings by Heat Treatment in Carbon Powder. , 2015, , .		0

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91	Fabrication of Photocatalyst Composite Coatings of Cr-TiO <sub>2</sub> by Mechanical Coating Technique and Oxidation Process. <i>Coatings</i> , 2015, 5, 545-556.	2.6	1
92	Microstructure and mechanical properties of aluminium alloy cellular lattice structures manufactured by direct metal laser sintering. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2015, 628, 238-246.	5.6	241
93	Selective laser melting of stainless-steel/nano-hydroxyapatite composites for medical applications: Microstructure, element distribution, crack and mechanical properties. <i>Journal of Materials Processing Technology</i> , 2015, 222, 444-453.	6.3	98
94	A Small Molecule, Odanacatib, Inhibits Inflammation and Bone Loss Caused by Endodontic Disease. <i>Infection and Immunity</i> , 2015, 83, 1235-1245.	2.2	36
95	Odanacatib, A Cathepsin K-specific Inhibitor, Inhibits Inflammation and Bone Loss Caused by Periodontal Diseases. <i>Journal of Periodontology</i> , 2015, 86, 972-983.	3.4	41
96	Deficiency of cathepsin K prevents inflammation and bone erosion in rheumatoid arthritis and periodontitis and reveals its shared osteoimmune role. <i>FEBS Letters</i> , 2015, 589, 1331-1339.	2.8	59
97	Ti-6Al-4V triply periodic minimal surface structures for bone implants fabricated via selective laser melting. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2015, 51, 61-73.	3.1	492
98	Experimental Investigation on Selective Laser Melting of Bulk Net-Shape Pure Magnesium. <i>Materials and Manufacturing Processes</i> , 2015, 30, 1298-1304.	4.7	76
99	Research on the influence of balance weight parameters on the motion performance of the seafloor mapping AUV in vertical plane. <i>Ocean Engineering</i> , 2015, 109, 217-225.	4.3	6
100	Investigation of oxide scale on ferritic stainless steel B445J1M and its tribological effect in hot rolling. <i>Wear</i> , 2015, 338-339, 178-188.	3.1	15
101	Oxide scale characterization of ferritic stainless steel and its deformation and friction in hot rolling. <i>Tribology International</i> , 2015, 84, 61-70.	5.9	41
102	Influence of oxidation process on photocatalytic activity of photocatalyst coatings by mechanical coating technique. <i>Materials Science in Semiconductor Processing</i> , 2015, 30, 128-134.	4.0	17
103	Targeting Atp6v1c1 Prevents Inflammation and Bone Erosion Caused by Periodontitis and Reveals Its Critical Function in Osteoimmunology. <i>PLoS ONE</i> , 2015, 10, e0134903.	2.5	6
104	Effect of Layer Thickness in Selective Laser Melting on Microstructure of Al <sub>5</sub> wt.%Fe <sub>2</sub> O <sub>3</sub> Powder Consolidated Parts. <i>Scientific World Journal</i> , The, 2014, 2014, 1-10.	2.1	33
105	Optimization of processing parameters for minimizing warpage of large thin-walled parts in whole stages of injection molding. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2014, 32, 1535-1543.	3.8	14
106	Approximate joins for XML at label level. <i>Information Sciences</i> , 2014, 282, 237-249.	6.9	3
107	Carbon nanotube-supported bimetallic Pt-Fe catalysts for nitrobenzene hydrogenation. <i>Micro and Nano Letters</i> , 2014, 9, 97-99.	1.3	8
108	Analysis of stimulated Raman backscatter and stimulated Brillouin backscatter in experiments performed on SG-III prototype facility with a spectral analysis code. <i>Physics of Plasmas</i> , 2014, 21, .	1.9	27

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109	Electrospun P34HB fibres: a scaffold for tissue engineering. <i>Cell Proliferation</i> , 2014, 47, 465-475.	5.3	20
110	Evaluation of light-weight AlSi10Mg periodic cellular lattice structures fabricated via direct metal laser sintering. <i>Journal of Materials Processing Technology</i> , 2014, 214, 856-864.	6.3	260
111	Metal-ceramic bond mechanism of the Co-Cr alloy denture with original rough surface produced by selective laser melting. <i>Chinese Journal of Mechanical Engineering (English Edition)</i> , 2014, 27, 69-78.	3.7	9
112	Synthesis of zinc-nickel ferrite nanorods and their magnetic properties. <i>RSC Advances</i> , 2014, 4, 15650-15654.	3.6	18
113	Indirect selective laser sintering of epoxy resin-Al <sub>2</sub> O <sub>3</sub> ceramic powders combined with cold isostatic pressing. <i>Ceramics International</i> , 2014, 40, 7099-7106.	4.8	55
114	Angiotensin II induces mitochondrial dysfunction and promotes apoptosis via JNK signalling pathway in primary mouse calvaria osteoblast. <i>Archives of Oral Biology</i> , 2014, 59, 513-523.	1.8	20
115	Additive manufacturing: A framework for implementation. <i>International Journal of Production Economics</i> , 2014, 149, 194-201.	8.9	559
116	Advanced lightweight 316L stainless steel cellular lattice structures fabricated via selective laser melting. <i>Materials &amp; Design</i> , 2014, 55, 533-541.	5.1	458
117	Resource Scheduling Algorithm of Cloud Computing for Energy Optimization Base on Virtual Machine Migration. <i>Advanced Materials Research</i> , 2014, 926-930, 3232-3235.	0.3	0
118	Fast identification of resonance characteristic for 2-mass system with elastic load. , 2014, , .		15
119	Effect of Fe <sub>2</sub> O <sub>3</sub> content on microstructure of Al powder consolidated parts via selective laser melting using various laser powers and speeds. <i>International Journal of Advanced Manufacturing Technology</i> , 2014, 73, 1453-1463.	3.0	17
120	Titanium dioxide-nickel oxide composite coatings: Preparation by mechanical coating/thermal oxidation and photocatalytic activity. <i>Materials Science in Semiconductor Processing</i> , 2014, 24, 138-145.	4.0	9
121	A new approach to the design and optimisation of support structures in additive manufacturing. <i>International Journal of Advanced Manufacturing Technology</i> , 2013, 66, 1247-1254.	3.0	276
122	Influence of Metal Properties on the Formation and Evolution of Metal Coatings During Mechanical Coating. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2013, 44, 2717-2724.	2.2	10
123	Mechanism for the endocytosis of spherical nucleic acid nanoparticle conjugates. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 7625-7630.	7.1	446
124	C/EBP $\beta$ regulates osteoclast lineage commitment. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 7294-7299.	7.1	67
125	Effect of Cu powder addition on thermoelectric properties of Cu/TiO <sub>2</sub> composites. <i>Ceramics International</i> , 2013, 39, 6689-6694.	4.8	26
126	Photocatalytic activity of TiO <sub>2</sub> /Ti composite coatings fabricated by mechanical coating technique and subsequent heat oxidation. <i>Materials Science in Semiconductor Processing</i> , 2013, 16, 1949-1956.	4.0	14



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127	Finite element simulation of the temperature and stress fields in single layers built without-support in selective laser melting. <i>Materials &amp; Design</i> , 2013, 52, 638-647.	5.1	517
128	Competition between the stimulated Raman and Brillouin scattering under the strong damping condition. <i>Laser and Particle Beams</i> , 2013, 31, 203-209.	1.0	32
129	Surface roughness analysis, modelling and prediction in selective laser melting. <i>Journal of Materials Processing Technology</i> , 2013, 213, 589-597.	6.3	650
130	Validation of a two-phase multidimensional polymer electrolyte membrane fuel cell computational model using current distribution measurements. <i>Journal of Power Sources</i> , 2013, 236, 126-137.	7.8	30
131	Advanced lattice support structures for metal additive manufacturing. <i>Journal of Materials Processing Technology</i> , 2013, 213, 1019-1026.	6.3	337
132	Analysis on energy transfer during mechanical coating and ball milling—Supported by electric power measurement in planetary ball mill. <i>International Journal of Mineral Processing</i> , 2013, 121, 51-58.	2.6	22
133	In situ synthesis of iron-filled nitrogen-doped carbon nanotubes and their magnetic properties. <i>Carbon</i> , 2013, 61, 647-649.	10.3	9
134	A study of the residual stress and its influence on tensile behaviors of fiber-reinforced SiC/Al composite. <i>Advanced Composite Materials</i> , 2013, 22, 255-263.	1.9	6
135	Fabrication and characteristics of visible light active TiO <sub>2</sub> films by reduction treatment in carbon powder. <i>Materials Technology</i> , 2013, 28, 205-213.	3.0	6
136	Structure and Hydrodynamics Optimizations of Landing Autonomous Underwater Vehicle. <i>Advanced Materials Research</i> , 2013, 694-697, 1641-1645.	0.3	1
137	Influence of Intermittent Air Introduction on Formation of Zn Films by Mechanical Coating Technique. <i>Materials Science Forum</i> , 2013, 750, 138-141.	0.3	0
138	Inhibiting Periapical Lesions through AAV-RNAi Silencing of Cathepsin K. <i>Journal of Dental Research</i> , 2013, 92, 180-186.	5.2	46
139	RNA Interference-Mediated Silencing of <i>Atp6i</i> Prevents Both Periapical Bone Erosion and Inflammation in the Mouse Model of Endodontic Disease. <i>Infection and Immunity</i> , 2013, 81, 1021-1030.	2.2	28
140	Study of similar motion imitation of stepping upstairs for humanoid robot. <i>International Journal of Computing Science and Mathematics</i> , 2013, 4, 120.	0.3	0
141	Observation of a fast evolution in a parity-time-symmetric system. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2013, 371, 20120053.	3.4	106
142	Experimental simulation of quantum tunneling in small systems. <i>Scientific Reports</i> , 2013, 3, 2232.	3.3	27
143	Inhibition of Rgs10 Expression Prevents Immune Cell Infiltration in Bacteria-induced Inflammatory Lesions and Osteoclast-mediated Bone Destruction. <i>Bone Research</i> , 2013, 1, 267-281.	11.4	31
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