Gang Ji

List of Publications by Year
in descending order

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221 papers	11,158 citations	30047 54 h-index	38368 95 g-index
224 all docs	224 docs citations	224 times ranked	8494 citing authors

#	Article	IF	Citations
1	Reinforcement with graphene nanosheets in aluminum matrix composites. Scripta Materialia, 2012, 66, 594-597.	2.6	738
2	Selective laser melting of nano-TiB2 decorated AlSi10Mg alloy with high fracture strength and ductility. Acta Materialia, 2017, 129, 183-193.	3.8	552
3	Enhanced Mechanical Properties of Graphene (Reduced Graphene Oxide)/Aluminum Composites with a Bioinspired Nanolaminated Structure. Nano Letters, 2015, 15, 8077-8083.	4.5	366
4	The use of flake powder metallurgy to produce carbon nanotube (CNT)/aluminum composites with a homogenous CNT distribution. Carbon, 2012, 50, 1993-1998.	5.4	343
5	miRNA-223 Promotes Gastric Cancer Invasion and Metastasis by Targeting Tumor Suppressor EPB41L3. Molecular Cancer Research, 2011, 9, 824-833.	1.5	329
6	Graphene-and-Copper Artificial Nacre Fabricated by a Preform Impregnation Process: Bioinspired Strategy for Strengthening-Toughening of Metal Matrix Composite. ACS Nano, 2015, 9, 6934-6943.	7.3	230
7	Aligning graphene in bulk copper: Nacre-inspired nanolaminated architecture coupled with in-situ processing for enhanced mechanical properties and high electrical conductivity. Carbon, 2017, 117, 65-74.	5.4	230
8	Sirt3 deficiency exacerbates diabetic cardiac dysfunction: Role of Foxo3A-Parkin-mediated mitophagy. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2017, 1863, 1973-1983.	1.8	219
9	Targeting skeletal endothelium to ameliorate bone loss. Nature Medicine, 2018, 24, 823-833.	15.2	218
10	Balanced strength and ductility in CNT/Al composites achieved by flake powder metallurgy via shift-speed ball milling. Composites Part A: Applied Science and Manufacturing, 2017, 96, 57-66.	3.8	192
11	An approach to the uniform dispersion of a high volume fraction of carbon nanotubes in aluminum powder. Carbon, 2011, 49, 1965-1971.	5.4	173
12	Synergistic strengthening effect of graphene-carbon nanotube hybrid structure in aluminum matrix composites. Carbon, 2015, 95, 419-427.	5.4	154
13	Atomic-scale investigation of the interface precipitation in a TiB2 nanoparticles reinforced Alâ€“Znâ€“Mgâ€“Cu matrix composite. Acta Materialia, 2020, 185, 287-299.	3.8	148
14	Uniform dispersion of graphene oxide in aluminum powder by direct electrostatic adsorption for fabrication of graphene/aluminum composites. Nanotechnology, 2014, 25, 325601.	1.3	141
15	Strong and ductile carbon nanotube/aluminum bulk nanolaminated composites with two-dimensional alignment of carbon nanotubes. Scripta Materialia, 2012, 66, 331-334.	2.6	129
16	Enhanced interfacial bonding and mechanical properties in CNT/Al composites fabricated by flake powder metallurgy. Carbon, 2018, 130, 333-339.	5.4	129
17	Tailoring the structure and mechanical properties of graphene nanosheet/aluminum composites by flake powder metallurgy via shift-speed ball milling. Composites Part A: Applied Science and Manufacturing, 2018, 111, 73-82.	3.8	128
18	Enhanced thermal conductivity in diamond/aluminum composites with a tungsten interface nanolayer. Materials & Design, 2013, 47, 160-166.	5.1	127

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19	Ultrahigh Electrical Conductivity of Graphene Embedded in Metals. Advanced Functional Materials, 2019, 29, 1806792.	7.8	126
20	Obesity: Pathophysiology and Intervention. Nutrients, 2014, 6, 5153-5183.	1.7	120
21	Lateral size effect of graphene on mechanical properties of aluminum matrix nanolaminated composites. Scripta Materialia, 2017, 139, 44-48.	2.6	113
22	Interface-induced strain hardening of graphene nanosheet/aluminum composites. Carbon, 2019, 146, 17-27.	5.4	113
23	A flake powder metallurgy approach to Al2O3/Al biomimetic nanolaminated composites with enhanced ductility. Scripta Materialia, 2011, 65, 412-415.	2.6	110
24	Effect of nano-TiB2 particles on the anisotropy in an AlSi10Mg alloy processed by selective laser melting. Journal of Alloys and Compounds, 2019, 798, 644-655.	2.8	109
25	Coexistence of ribbon and helical fibrils originating from hIAPP _{20â€“29} revealed by quantitative nanomechanical atomic force microscopy. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 2798-2803.	3.3	104
26	Towards strong and stiff carbon nanotube-reinforced high-strength aluminum alloy composites through a microlaminated architecture design. Scripta Materialia, 2014, 75, 30-33.	2.6	104
27	Fabrication, interface characterization and modeling of oriented graphite flakes/Si/Al composites for thermal management applications. Materials & Design, 2014, 63, 719-728.	5.1	103
28	Strain-rate dependent deformation mechanism of graphene-Al nanolaminated composites studied using micro-pillar compression. International Journal of Plasticity, 2018, 105, 128-140.	4.1	95
29	Particle size effect on the interfacial properties of SiC particle-reinforced Al-Cu-Mg composites. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2018, 711, 643-649.	2.6	89
30	The mechanisms of microstructure formation in a nanostructured oxide dispersion strengthened FeAl alloy obtained by spark plasma sintering. Intermetallics, 2007, 15, 108-118.	1.8	87
31	Fabrication of diamond/aluminum composites by vacuum hot pressing: Process optimization and thermal properties. Composites Part B: Engineering, 2013, 47, 173-180.	5.9	87
32	Multi-scale study of microstructure evolution in hot extruded nano-sized TiB2 particle reinforced aluminum composites. Materials and Design, 2017, 116, 577-590.	3.3	87
33	Fto Deficiency Reduces Anxiety- and Depression-Like Behaviors in Mice via Alterations in Gut Microbiota. Theranostics, 2019, 9, 721-733.	4.6	84
34	Strong and ductile particulate reinforced ultrafine-grained metallic composites fabricated by flake powder metallurgy. Scripta Materialia, 2013, 68, 555-558.	2.6	82
35	Quantitative study of particle size distribution in an in-situ grown Alâ€“TiB2 composite by synchrotron X-ray diffraction and electron microscopy. Materials Characterization, 2015, 102, 131-136.	1.9	82
36	Design of an efficient flake powder metallurgy route to fabricate CNT/6061Al composites. Materials and Design, 2018, 142, 288-296.	3.3	81

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37	A predictive model for interfacial thermal conductance in surface metallized diamond aluminum matrix composites. Materials & Design, 2014, 55, 257-262.	5.1	78
38	Fast-track surgery could improve postoperative recovery in radical total gastrectomy patients. World Journal of Gastroenterology, 2013, 19, 3642.	1.4	78
39	Deposition and corrosion resistance of HVOF sprayed nanocrystalline iron aluminide coatings. Surface and Coatings Technology, 2005, 190, 406-416.	2.2	74
40	Back stress in strain hardening of carbon nanotube/aluminum composites. Materials Research Letters, 2018, 6, 113-120.	4.1	74
41	Regain Strain-Hardening in High-Strength Metals by Nanofiller Incorporation at Grain Boundaries. Nano Letters, 2018, 18, 6255-6264.	4.5	74
42	Enhanced load transfer by designing mechanical interfacial bonding in carbon nanotube reinforced aluminum composites. Carbon, 2019, 146, 155-161.	5.4	69
43	Thermal properties of in situ grown graphene reinforced copper matrix laminated composites. Journal of Alloys and Compounds, 2019, 771, 228-237.	2.8	69
44	Enhanced dislocation obstruction in nanolaminated graphene/Cu composite as revealed by stress relaxation experiments. Scripta Materialia, 2017, 131, 67-71.	2.6	68
45	Simultaneously increasing strength and ductility of nanoparticles reinforced Al composites via accumulative orthogonal extrusion process. Materials Research Letters, 2018, 6, 406-412.	4.1	66
46	Atomic model of a cypovirus built from cryo-EM structure provides insight into the mechanism of mRNA capping. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 1373-1378.	3.3	65
47	The effects of nanosized particles on microstructural evolution of an in-situ TiB2/6063Al composite produced by friction stir processing. Materials and Design, 2015, 88, 999-1007.	3.3	65
48	Reaction-free interface promoting strength-ductility balance in graphene nanosheet/Al composites. Carbon, 2020, 158, 449-455.	5.4	65
49	Theoretical modelling for interface design and thermal conductivity prediction in diamond/Cu composites. Diamond and Related Materials, 2018, 81, 38-44.	1.8	63
50	Spray forming thick nanostructured and microstructured FeAl deposits. Intermetallics, 2005, 13, 596-607.	1.8	59
51	Nucleation and growth mechanisms of interfacial carbide in graphene nanosheet/Al composites. Carbon, 2020, 161, 17-24.	5.4	59
52	High Level of Notch1 Protein is Associated with Poor Overall Survival in Colorectal Cancer. Annals of Surgical Oncology, 2010, 17, 1337-1342.	0.7	58
53	Microstructure and mechanical properties of friction stir processed Alâ€“Mgâ€“Si alloys dispersion-strengthened by nanosized TiB2 particles. Journal of Alloys and Compounds, 2014, 616, 128-136.	2.8	58
54	High-strength CNT/Al-Zn-Mg-Cu composites with improved ductility achieved by flake powder metallurgy via elemental alloying. Composites Part A: Applied Science and Manufacturing, 2018, 111, 1-11.	3.8	58

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55	Enhanced corrosion resistance in metal matrix composites assembled from graphene encapsulated copper nanoflakes. Carbon, 2019, 142, 482-490.	5.4	58
56	Matrix metalloproteinaseâ€9 is associated with diseaseâ€free survival and overall survival in patients with gastric cancer. International Journal of Cancer, 2011, 129, 887-895.	2.3	56
57	Effect of particle size on the thermal and mechanical properties of aluminum composites reinforced with SiC and diamond. Materials and Design, 2016, 90, 845-851.	3.3	56
58	Synthesis of bulk FeAl nanostructured materials by HVOF spray forming and Spark Plasma Sintering. Intermetallics, 2006, 14, 1208-1213.	1.8	55
59	Multiscale Study of Interfacial Intermetallic Compounds in a Dissimilar Al 6082-T6/Cu Friction-Stir Weld. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2012, 43, 4655-4666.	1.1	54
60	A quantitative method to characterize the Al 4 C 3 -formed interfacial reaction: The case study of MWCNT/Al composites. Materials Characterization, 2016, 112, 213-218.	1.9	54
61	Development of Flake Powder Metallurgy in Fabricating Metal Matrix Composites: A Review. Acta Metallurgica Sinica (English Letters), 2014, 27, 806-815.	1.5	53
62	Graphene interlayer for enhanced interface thermal conductance in metal matrix composites: An approach beyond surface metallization and matrix alloying. Carbon, 2019, 150, 60-68.	5.4	53
63	Diamond/aluminum composites processed by vacuum hot pressing: Microstructure characteristics and thermal properties. Diamond and Related Materials, 2013, 31, 1-5.	1.8	50
64	Microstructure study of cold rolling nanosized in-situ TiB 2 particle reinforced Al composites. Materials and Design, 2017, 130, 357-365.	3.3	50
65	Graphene quality dominated interface deformation behavior of graphene-metal composite: The defective is better. International Journal of Plasticity, 2018, 111, 253-265.	4.1	50
66	Ghrelin reductions following bariatric surgery were associated with decreased resting state activity in the hippocampus. International Journal of Obesity, 2019, 43, 842-851.	1.6	50
67	Processing dense hetero-nanostructured metallic materials by spark plasma sintering. Scripta Materialia, 2007, 57, 525-528.	2.6	48
68	Tailoring interfacial bonding states of highly thermal performance diamond/Al composites: Spark plasma sintering vs. vacuum hot pressing. Composites Part A: Applied Science and Manufacturing, 2016, 91, 9-19.	3.8	48
69	Al matrix composites fabricated by solid-state cold spray deposition: A critical review. Journal of Materials Science and Technology, 2021, 86, 20-55.	5.6	48
70	Reduced plasma ghrelin concentrations are associated with decreased brain reactivity to food cues after laparoscopic sleeve gastrectomy. Psychoneuroendocrinology, 2019, 100, 229-236.	1.3	47
71	Novel Composite Powders with Uniform TiB2 Nano-Particle Distribution for 3D Printing. Applied Sciences (Switzerland), 2017, 7, 250.	1.3	46
72	Bariatric surgery in obese patients reduced resting connectivity of brain regions involved with selfâ€referential processing. Human Brain Mapping, 2018, 39, 4755-4765.	1.9	46

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73	Microstructure-based modeling on structure-mechanical property relationships in carbon nanotube/aluminum composites. International Journal of Plasticity, 2019, 120, 278-295.	4.1	46
74	Wide and fine alignment control and interface modification for high-performance thermally conductive graphite/copper composite. Composites Part B: Engineering, 2020, 191, 107965.	5.9	46
75	Epigenetically regulated miR-145 suppresses colon cancer invasion and metastasis by targeting LASP1. Oncotarget, 2016, 7, 68674-68687.	0.8	46
76	Achieving simultaneously improved tensile strength and ductility of a nano-TiB2/AlSi10Mg composite produced by cold spray additive manufacturing. Composites Part B: Engineering, 2020, 202, 108404.	5.9	44
77	Enhanced mechanical properties and high electrical conductivity in multiwalled carbon nanotubes reinforced copper matrix nanolaminated composites. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2018, 729, 452-457.	2.6	43
78	Increased MicroRNA-630 Expression in Gastric Cancer Is Associated with Poor Overall Survival. PLoS ONE, 2014, 9, e90526.	1.1	42
79	An improved cryo-FIB method for fabrication of frozen hydrated lamella. Journal of Structural Biology, 2016, 194, 218-223.	1.3	42
80	Bioinspired hierarchical Al2O3/Al laminated composite fabricated by flake powder metallurgy. Composites Part A: Applied Science and Manufacturing, 2021, 140, 106187.	3.8	41
81	Aggregate Transitions in Aqueous Solutions of Sodium Dodecylsulfate with a â€œGemini-Typeâ€•Organic Salt. Journal of Physical Chemistry B, 2012, 116, 6425-6430.	1.2	40
82	Human leukocyte antigen G is associated with esophageal squamous cell carcinoma progression and poor prognosis. Immunology Letters, 2014, 161, 13-19.	1.1	39
83	The Influence of Interface Structure on the Electrical Conductivity of Graphene Embedded in Aluminum Matrix. Advanced Materials Interfaces, 2019, 6, 1900468.	1.9	38
84	Trimodal grain structure enables high-strength CNT/Al-Cu-Mg composites higher ductility by powder assembly & alloying. Materials Research Letters, 2021, 9, 50-57.	4.1	38
85	Experimental and modelling assessment of ductility in a precipitation hardening AlMgScZr alloy. International Journal of Plasticity, 2021, 139, 102971.	4.1	38
86	Bioinspired multiscale Al2O3-rGO/Al laminated composites with superior mechanical properties. Composites Part B: Engineering, 2021, 217, 108916.	5.9	37
87	Notch1 Expression in Colorectal Carcinoma Determines Tumor Differentiation Status. Journal of Gastrointestinal Surgery, 2009, 13, 253-260.	0.9	35
88	Enhanced strain hardening by bimodal grain structure in carbon nanotube reinforced Alâ€“Mg composites. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2021, 803, 140726.	2.6	35
89	Processing conditions, microstructure and mechanical properties of hetero-nanostructured ODS FeAl alloys produced by spark plasma sintering. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2013, 559, 566-573.	2.6	34
90	Cold spray additive manufacturing of metal matrix composites (MMCs) using a novel nano-TiB2-reinforced 7075Al powder. Journal of Alloys and Compounds, 2020, 819, 152962.	2.8	34

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91	Formation and Transformation of the Subgel Phase in Dioctadecyldimethylammonium Bromide Aqueous Dispersions. Langmuir, 2011, 27, 2349-2356.	1.6	32
92	High content reduced graphene oxide reinforced copper with a bioinspired nano-laminated structure and large recoverable deformation ability. Scientific Reports, 2016, 6, 33801.	1.6	32
93	Enhanced mechanical properties of CNT/Al composite through tailoring grain interior/grain boundary affected zones. Composites Part B: Engineering, 2021, 223, 109133.	5.9	32
94	CD147 Expression in Human Gastric Cancer Is Associated with Tumor Recurrence and Prognosis. PLoS ONE, 2014, 9, e101027.	1.1	32
95	Notch2 Expression Is Decreased in Colorectal Cancer and Related to Tumor Differentiation Status. Annals of Surgical Oncology, 2009, 16, 3259-3266.	0.7	31
96	Identification and Functional Analysis of Ligands for Natural Killer Cell Activating Receptors in Colon Carcinoma. Tohoku Journal of Experimental Medicine, 2012, 226, 59-68.	0.5	31
97	Spontaneous Aggregate Transition in Mixtures of a Cationic Gemini Surfactant with a Double-Chain Cationic Surfactant. Langmuir, 2012, 28, 12005-12014.	1.6	31
98	Femoral trochlear groove development after patellar subluxation and early reduction in growing rabbits. Knee Surgery, Sports Traumatology, Arthroscopy, 2016, 24, 247-253.	2.3	31
99	Heat treatment behavior and strengthening mechanisms of CNT/6061Al composites fabricated by flake powder metallurgy. Materials Characterization, 2019, 153, 261-270.	1.9	31
100	Matrix Metalloproteinase-14 Is a Negative Prognostic Marker for Patients with Gastric Cancer. Digestive Diseases and Sciences, 2013, 58, 1264-1270.	1.1	30
101	The influence of shearable and nonshearable precipitates on the Portevin-Le Chatelier behavior in precipitation hardening AlMgScZr alloys. International Journal of Plasticity, 2021, 147, 103120.	4.1	30
102	Computational structural modeling and mechanical behavior of carbon nanotube reinforced aluminum matrix composites. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2014, 614, 273-283.	2.6	28
103	Large scale three-dimensional reconstruction of an entire Caenorhabditis elegans larva using AutoCUTS-SEM. Journal of Structural Biology, 2017, 200, 87-96.	1.3	28
104	Structural changes in brain regions involved in executive-control and self-referential processing after sleeve gastrectomy in obese patients. Brain Imaging and Behavior, 2019, 13, 830-840.	1.1	28
105	Powder assembly & alloying to CNT/Alâ€“Cuâ€“Mg composites with trimodal grain structure and strength-ductility synergy. Composites Part B: Engineering, 2021, 225, 109271.	5.9	28
106	MicroRNA-630 is a prognostic marker for patients with colorectal cancer. Tumor Biology, 2014, 35, 9787-9792.	0.8	27
107	High-vacuum optical platform for cryo-CLEM (HOPE): A new solution for non-integrated multiscale correlative light and electron microscopy. Journal of Structural Biology, 2018, 201, 63-75.	1.3	27
108	Bulk FeAl nanostructured materials obtained by spray forming and spark plasma sintering. Journal of Alloys and Compounds, 2007, 434-435, 358-361.	2.8	26

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109	A Versatile Method for Uniform Dispersion of Nanocarbons in Metal Matrix Based on Electrostatic Interactions. Nano-Micro Letters, 2016, 8, 54-60.	14.4	26
110	Superplastic behavior of carbon nanotube reinforced aluminum composites fabricated by flake powder metallurgy. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2017, 699, 55-61.	2.6	26
111	Microstructure of Multi-Pass Friction-Stir-Processed Al-Zn-Mg-Cu Alloys Reinforced by Nano-Sized TiB2 Particles and the Effect of T6 Heat Treatment. Metals, 2017, 7, 530.	1.0	26
112	Relationship between Clavienâ€“Dindo classification and long-term survival outcomes after curative resection for gastric cancer: A propensity score-matched analysis. International Journal of Surgery, 2018, 60, 67-73.	1.1	26
113	NDRG4, a novel candidate tumor suppressor, is a predictor of overall survival of colorectal cancer patients. Oncotarget, 2015, 6, 7584-7596.	0.8	26
114	On the exceptional creep resistance in a die-cast Gd-containing Mg alloy with Al addition. Acta Materialia, 2022, 232, 117957.	3.8	26
115	Hardness, thermal stability and yttrium distribution in nanostructured deposits obtained by thermal spraying from milledâ€”Y2O3 reinforcedâ€”or atomized FeAl powders. Intermetallics, 2006, 14, 715-721.	1.8	25
116	Notch1 Expression, Which Is Related to p65 Status, Is an Independent Predictor of Prognosis in Colorectal Cancer. Clinical Cancer Research, 2011, 17, 5686-5694.	3.2	25
117	Short telomere length in peripheral blood leukocyte predicts poor prognosis and indicates an immunosuppressive phenotype in gastric cancer patients. Molecular Oncology, 2015, 9, 727-739.	2.1	25
118	Effect of interfacial reaction on Young's modulus in CNT/Al nanocomposite: A quantitative analysis. Materials Characterization, 2018, 137, 84-90.	1.9	25
119	Structure and composition heterogeneity of a FeAl alloy prepared by one-step synthesis and consolidation processing and their influence on grain size characterization. Journal of Alloys and Compounds, 2006, 420, 158-164.	2.8	24
120	Cold spraying of thermally softened Ni-coated FeSiAl composite powder: Microstructure characterization, tribological performance and magnetic property. Materials and Design, 2018, 160, 270-283.	3.3	24
121	Fabrication and mechanical properties of CNT/Al composites via shift-speed ball milling and hot-rolling. Journal of Materials Research, 2019, 34, 2609-2619.	1.2	24
122	On the study of tailorable interface structure in a diamond/Al12Si composite processed by selective laser melting. Materialia, 2019, 5, 100242.	1.3	24
123	The transcription factor RBP-J-mediated signaling is essential for dendritic cells to evoke efficient anti-tumor immune responses in mice. Molecular Cancer, 2010, 9, 90.	7.9	23
124	Overexpression of Matrix Metalloproteinase-21 is Associated with Poor Overall Survival of Patients with Colorectal Cancer. Journal of Gastrointestinal Surgery, 2011, 15, 1188-1194.	0.9	23
125	A novel approach for fabricating Ni-coated FeSiAl soft magnetic composite via cold spraying. Journal of Alloys and Compounds, 2018, 749, 523-533.	2.8	23
126	A new powder metallurgy routine to fabricate TiB2/Alâ€“Znâ€“Mgâ€“Cu nanocomposites based on composite powders with pre-embedded nanoparticles. Materialia, 2019, 8, 100458.	1.3	23

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127	Strengthening and deformation mechanisms in nanolaminated single-walled carbon nanotube-aluminum composites. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2019, 764, 138273.	2.6	22
128	Effect of fluoride coatings on the corrosion behavior of Mgâ€“Znâ€“Er alloys. Surfaces and Interfaces, 2019, 14, 72-81.	1.5	22
129	Matrix metalloproteinaseâ€12 is associated with overall survival in Chinese patients with gastric cancer. Journal of Surgical Oncology, 2013, 107, 746-751.	0.8	21
130	Disrupted topological organization of the frontal-mesolimbic network in obese patients. Brain Imaging and Behavior, 2018, 12, 1544-1555.	1.1	21
131	Improved structural homogeneity and mechanical properties of nanoparticles reinforced Al composites after orthogonal thermomechanical processes. Journal of Alloys and Compounds, 2018, 767, 293-301.	2.8	21
132	Microstructure and magnetic properties of Feâ€“Si-based coatings produced by HVOF thermal spraying process. Journal of Alloys and Compounds, 2007, 427, 281-290.	2.8	20
133	Effect of Interface Evolution on Thermal Conductivity of Vacuum Hot Pressed SiC/Al Composites. Advanced Engineering Materials, 2015, 17, 1076-1084.	1.6	20
134	Heterogeneous interfacial chemical nature and bonds in a W-coated diamond/Al composite. Materials Characterization, 2016, 112, 129-133.	1.9	20
135	Enhanced Recovery After Surgery Programs for Laparoscopic Abdominal Surgery: A Systematic Review and Metaâ€analysis. World Journal of Surgery, 2018, 42, 3463-3473.	0.8	20
136	Influence of annealing treatment on microstructure and magnetic properties of cold sprayed Ni-coated FeSiAl soft magnetic composite coating. Surface and Coatings Technology, 2019, 374, 476-484.	2.2	20
137	Laparoscopic sleeve gastrectomy induces sustained changes in gray and white matter brain volumes and resting functional connectivity in obese patients. Surgery for Obesity and Related Diseases, 2020, 16, 1-9.	1.0	20
138	Corrosion behavior of cold sprayed 7075Al composite coating reinforced with TiB2 nanoparticles. Surface and Coatings Technology, 2020, 404, 126460.	2.2	20
139	Effect of thermomechanical treatment and length-scales on spatial distribution of CNTs in Al matrix. Carbon, 2022, 190, 384-394.	5.4	19
140	Non-aggregational aromatic oligoamide macrocycles. Chemical Communications, 2012, 48, 2228.	2.2	18
141	Prognostic Significance of Tag SNP rs1045411 in HMGB1 of the Aggressive Gastric Cancer in a Chinese Population. PLoS ONE, 2016, 11, e0154378.	1.1	18
142	On the atomic model of Guinier-Preston zones in Al-Mg-Si-Cu alloys. Journal of Alloys and Compounds, 2018, 745, 644-650.	2.8	18
143	Laparoscopy-assisted distalÂgastrectomy versus laparoscopy-assisted total gastrectomy with D2 lymph node dissection for middle-third advanced gastric cancer. Surgical Endoscopy and Other Interventional Techniques, 2018, 32, 2255-2262.	1.3	18
144	Experimental study of the mechanisms of nanoparticle influencing the fatigue crack growth in an in-situ TiB2/Al-Zn-Mg-Cu composite. Engineering Fracture Mechanics, 2019, 207, 23-35.	2.0	18

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145	In situ transformations during SLM of an ultra-strong TiC reinforced Ti composite. Scientific Reports, 2020, 10, 10523.	1.6	18
146	On the processing of hetero-nanostructured metals for improved strength/ductility balance by ECAE and SPS techniques. Journal of Alloys and Compounds, 2010, 504, S456-S459.	2.8	17
147	A systematic method to identify the space group from PED and CBED patterns part I - theory. Ultramicroscopy, 2012, 121, 42-60.	0.8	17
148	Strain Rate Sensitivity and Deformation Mechanism of Carbon Nanotubes Reinforced Aluminum Composites. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2019, 50, 3544-3554.	1.1	17
149	Simultaneous enhancement of strength and ductility with nano dispersoids in nano and ultrafine grain metals: a brief review. Reviews on Advanced Materials Science, 2020, 59, 352-360.	1.4	17
150	Preparation and Hydrogen Storage Properties of Mg-Rich Mg-Ni Ultrafine Particles. Journal of Nanomaterials, 2012, 2012, 1-8.	1.5	16
151	From olivine to ringwoodite: a <scp>TEM</scp> study of a complex process. Meteoritics and Planetary Science, 2015, 50, 944-957.	0.7	16
152	Enhanced thermal conductivity of diamond/aluminum composites through tuning diamond particle dispersion. Journal of Materials Science, 2018, 53, 6602-6612.	1.7	16
153	Comparison of Early Oral Feeding With Traditional Oral Feeding After Total Gastrectomy for Gastric Cancer: A Propensity Score Matching Analysis. Frontiers in Oncology, 2019, 9, 1194.	1.3	16
154	Magnetism of amorphous Ge1â^'xMnx magnetic semiconductor films. Journal of Applied Physics, 2008, 104, 013905.	1.1	15
155	The symmetry of precession electron diffraction patterns. Journal of Microscopy, 2010, 237, 511-515.	0.8	15
156	Identification of the Active Sites in the Methyltransferases of a Transcribing dsRNA Virus. Journal of Molecular Biology, 2014, 426, 2167-2174.	2.0	15
157	Triple ion beam cutting of diamond/Al composites for interface characterization. Materials Characterization, 2014, 89, 132-137.	1.9	15
158	Comparative investigation of microstructure and properties of Ni-coated FeSiAl soft magnetic composite coatings produced by cold spraying and HVOF. Surface and Coatings Technology, 2019, 371, 224-234.	2.2	15
159	Biocompatible silica-based magnesium composites. Journal of Alloys and Compounds, 2019, 772, 49-57.	2.8	14
160	Effect of thermal cycling on the mechanical properties of carbon nanotubes reinforced copper matrix nanolaminated composites. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2019, 739, 132-139.	2.6	14
161	Improved mechanical property of nanolaminated graphene (reduced graphene oxide)/Alâ€“Mgâ€“Si composite rendered by facilitated ageing process. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2020, 787, 139541.	2.6	14
162	An efficient approach to characterize pseudo-merohedral twins by precession electron diffraction: Application to the LaGaO3 perovskite. Ultramicroscopy, 2009, 109, 1282-1294.	0.8	13

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163	Applied Pressure on Altering the Nano-Crystallization Behavior of Al₈₆Ni₆Y_{4.5}Co₂La_{1.5}Metallic Glass Powder during Spark Plasma Sintering and Its Effect on Powder Consolidation. Journal of Nanomaterials, 2013, 2013, 1-6.	1.5	13
164	Effect of tibial slope changes on femorotibial contact kinematics after cruciate-retaining total knee arthroplasty. Knee Surgery, Sports Traumatology, Arthroscopy, 2017, 25, 3549-3555.	2.3	13
165	A novel approach for fabricating a CNT/AlSi composite with the self-aligned nacre-like architecture by cold spraying. Nano Materials Science, 2019, 1, 137-141.	3.9	13
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