

Ding Chen

List of Publications by Year in descending order

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141
papers

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136740

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all docs

143
docs citations

143
times ranked

3289
citing authors

#	ARTICLE	IF	CITATIONS
1	Ultrahigh-Aspect-Ratio Boron Nitride Nanosheets Leading to Superhigh In-Plane Thermal Conductivity of Foldable Heat Spreader. <i>ACS Nano</i> , 2021, 15, 6489-6498.	7.3	191
2	Removal of Congo red dye from aqueous solution with nickel-based metal-organic framework/graphene oxide composites prepared by ultrasonic wave-assisted ball milling. <i>Ultrasonics Sonochemistry</i> , 2017, 39, 845-852.	3.8	126
3	Hydrogenated TiO ₂ Nanorod Arrays Decorated with Carbon Quantum Dots toward Efficient Photoelectrochemical Water Splitting. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 19167-19175.	4.0	122
4	Soft and Self-Adhesive Thermal Interface Materials Based on Vertically Aligned, Covalently Bonded Graphene Nanowalls for Efficient Microelectronic Cooling. <i>Advanced Functional Materials</i> , 2021, 31, 2104062.	7.8	95
5	Preparation and microwave absorption properties of Ni-Co nanoferrites. <i>Journal of Alloys and Compounds</i> , 2015, 618, 222-226.	2.8	87
6	Effect of cryogenic treatment on WC-Co cemented carbides. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2011, 528, 1735-1739.	2.6	79
7	The microstructure, optical, and electrical properties of sol-gel-derived Sc-doped and Al-Sc co-doped ZnO thin films. <i>Applied Surface Science</i> , 2009, 255, 9413-9419.	3.1	78
8	Large-area self-assembled reduced graphene oxide/electrochemically exfoliated graphene hybrid films for transparent electrothermal heaters. <i>Applied Surface Science</i> , 2018, 435, 809-814.	3.1	77
9	Effects of the casting temperature on microstructure and mechanical properties of the squeeze-cast Al-Zn-Mg-Cu alloy. <i>Journal of Alloys and Compounds</i> , 2010, 504, L42-L45.	2.8	64
10	A low temperature synthesis of MnFe ₂ O ₄ nanocrystals by microwave-assisted ball-milling. <i>Chemical Engineering Journal</i> , 2013, 215-216, 235-239.	6.6	64
11	Synthesis and characterization of metal-organic frameworks fabricated by microwave-assisted ball milling for adsorptive removal of Congo red from aqueous solutions. <i>RSC Advances</i> , 2017, 7, 46520-46528.	1.7	63
12	Preparation of high saturation magnetic MgFe ₂ O ₄ nanoparticles by microwave-assisted ball milling. <i>Materials Letters</i> , 2012, 82, 10-12.	1.3	61
13	Immobilized cellulase by polyvinyl alcohol/Fe ₂ O ₃ magnetic nanoparticle to degrade microcrystalline cellulose. <i>Carbohydrate Polymers</i> , 2010, 82, 600-604.	5.1	58
14	Preparation of magnesium ferrite nanoparticles by ultrasonic wave-assisted aqueous solution ball milling. <i>Ultrasonics Sonochemistry</i> , 2013, 20, 1337-1340.	3.8	56
15	Effect of Cryogenic Treatment on the Microstructure and Mechanical Properties of AZ31 Magnesium Alloy. <i>Materials and Manufacturing Processes</i> , 2010, 25, 837-841.	2.7	55
16	High quality graphene films with a clean surface prepared by an UV/ozone assisted transfer process. <i>Journal of Materials Chemistry C</i> , 2017, 5, 1880-1884.	2.7	54
17	Synthesis of Fe ₃ O ₄ nanoparticles by wet milling iron powder in a planetary ball mill. <i>Particuology: Science and Technology of Particles</i> , 2007, 5, 357-358.	0.4	52
18	Microstructure and mechanical properties of AZ31 magnesium alloy sheets produced by differential speed rolling. <i>Journal of Materials Processing Technology</i> , 2009, 209, 26-31.	3.1	51

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19	Gd-Co-Al and Gd-Ni-Al bulk metallic glasses with high glass forming ability and good mechanical properties. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2007, 457, 226-230.	2.6	48
20	Preparation and photocatalytic properties of zinc oxide nanoparticles by microwave-assisted ball milling. <i>Ceramics International</i> , 2016, 42, 3692-3696.	2.3	48
21	One-step synthesis of manganese ferrite nanoparticles by ultrasonic wave-assisted ball milling technology. <i>Materials Chemistry and Physics</i> , 2012, 134, 921-924.	2.0	47
22	Synthesis of graphene oxide/metal-organic frameworks hybrid materials for enhanced removal of Methylene blue in acidic and alkaline solutions. <i>Journal of Chemical Technology and Biotechnology</i> , 2018, 93, 698-709.	1.6	46
23	Comparison Study on the Adsorption Capacity of Rhodamine B, Congo Red, and Orange II on Fe-MOFs. <i>Nanomaterials</i> , 2018, 8, 248.	1.9	45
24	Development of non-flammable high strength extruded Mg-Al-Ca-Mn alloys with high Ca/Al ratio. <i>Journal of Materials Science and Technology</i> , 2018, 34, 2063-2068.	5.6	44
25	Preparation of Fe(III)-MOFs by microwave-assisted ball for efficiently removing organic dyes in aqueous solutions under natural light. <i>Chemical Engineering and Processing: Process Intensification</i> , 2019, 135, 63-67.	1.8	42
26	Crystallization kinetics of Zr 60 Cu 25 Fe 5 Al 10 bulk metallic glass. <i>Journal of Non-Crystalline Solids</i> , 2014, 405, 7-11.	1.5	40
27	Removal of tetracycline hydrochloride from wastewater by Zr/Fe-MOFs/GO composites. <i>RSC Advances</i> , 2021, 11, 9977-9984.	1.7	40
28	High-Quality Monolithic Graphene Films via Laterally Stitched Growth and Structural Repair of Isolated Flakes for Transparent Electronics. <i>Chemistry of Materials</i> , 2017, 29, 7808-7815.	3.2	38
29	Preparation of Fe-MOFs by microwave-assisted ball milling for reducing Cr(VI) in wastewater. <i>Dalton Transactions</i> , 2017, 46, 16525-16531.	1.6	36
30	High energy density and extremely stable supercapacitors based on carbon aerogels with 100% capacitance retention up to 65,000 cycles. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	36
31	Effect of Cryogenic Treatment on Deformation Behavior of As-cast AZ91 Mg Alloy. <i>Chinese Journal of Aeronautics</i> , 2012, 25, 931-936.	2.8	35
32	Coupling Effect of Microwave and Mechanical Forces during the Synthesis of Ferrite Nanoparticles by Microwave-Assisted Ball Milling. <i>Industrial & Engineering Chemistry Research</i> , 2013, 52, 14179-14184.	1.8	34
33	Effects of Si addition on microstructure and mechanical properties of RS/PM (rapid solidification and) Tj ETQq1 1 0.784314 rgBT /Ove	2.8	32
34	Electrochemical deposition of Al-doped ZnO transparent conducting nanowire arrays for thin-film solar cell electrodes. <i>Materials Letters</i> , 2014, 117, 162-164.	1.3	32
35	Microstructure, mechanical and creep properties of high Ca/Al ratio Mg-Al-Ca alloy. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2016, 660, 166-171.	2.6	31
36	Fe,N-modulated carbon fibers aerogel as freestanding cathode catalyst for rechargeable Zn-Air battery. <i>Carbon</i> , 2022, 187, 196-206.	5.4	31

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37	Synthesis of Graphene Oxide/Metal-Organic Frameworks Composite Materials for Removal of Congo Red from Wastewater. <i>ChemistrySelect</i> , 2019, 4, 5755-5762.	0.7	29
38	Improving the Tribological Behavior of Graphite/Cu Matrix Self-Lubricating Composite Contact Strip by Electroplating Zn on Graphite. <i>Tribology Letters</i> , 2008, 31, 91-98.	1.2	28
39	Microstructures and properties of rapidly solidified Mg-Zn-Ca alloys. <i>Transactions of Nonferrous Metals Society of China</i> , 2008, 18, s101-s106.	1.7	28
40	Ultrasensitive micro/nanocrack-based graphene nanowall strain sensors derived from the substrate's Poisson's ratio effect. <i>Journal of Materials Chemistry A</i> , 2020, 8, 10310-10317.	5.2	28
41	Effect of Ti substitution on glass-forming ability and mechanical properties of a brittle Cu-Zr-Al bulk metallic glass. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2013, 563, 112-116.	2.6	27
42	Preparation of Zn-MOFs by microwave-assisted ball milling for removal of tetracycline hydrochloride and Congo red from wastewater. <i>Green Processing and Synthesis</i> , 2021, 10, 125-133.	1.3	27
43	Investigation on microstructures and properties of rapidly solidified Mg-6wt.% Zn-5wt.% Ca-3wt.% Ce alloy. <i>Journal of Alloys and Compounds</i> , 2009, 475, L1-L4.	2.8	26
44	Cryogenic treatment-induced martensitic transformation in Cu-Zr-Al bulk metallic glass composite. <i>Intermetallics</i> , 2010, 18, 1254-1257.	1.8	25
45	Preparation of Cu ₂ O nanoparticles in cupric chloride solutions with a simple mechanochemical approach. <i>Journal of Alloys and Compounds</i> , 2010, 504, S345-S348.	2.8	24
46	One-step synthesis of nickel ferrite nanoparticles by ultrasonic wave-assisted ball milling technology. <i>Materials Letters</i> , 2012, 72, 95-97.	1.3	24
47	Synergistic promotion of photoelectrochemical water splitting efficiency of TiO ₂ nanorod arrays by doping and surface modification. <i>Journal of Materials Chemistry C</i> , 2021, 9, 12263-12272.	2.7	24
48	Arc Erosion Wear Characteristics and Mechanisms of Pure Carbon Strip Against Copper Under Arcing Conditions. <i>Tribology Letters</i> , 2014, 53, 293-301.	1.2	23
49	Ultralight and robust carbon nanofiber aerogels for advanced energy storage. <i>Journal of Materials Chemistry A</i> , 2021, 9, 900-907.	5.2	23
50	Synthesis and microwave absorbing properties of Mn-Zn nanoferrite produced by microwave assisted ball milling. <i>Journal of Materials Science: Materials in Electronics</i> , 2014, 25, 4246-4251.	1.1	22
51	A study of the mechanism of microwave-assisted ball milling preparing ZnFe ₂ O ₄ . <i>Journal of Magnetism and Magnetic Materials</i> , 2016, 409, 6-9.	1.0	22
52	Effect of structures on the adsorption performance of Cobalt Metal Organic Framework obtained by microwave-assisted ball milling. <i>Chemical Physics Letters</i> , 2018, 705, 23-30.	1.2	22
53	Synthesis of binary and ternary intermetallic powders via a novel reaction ball milling technique. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2007, 444, 1-5.	2.6	21
54	Process of synthesizing high saturation magnetization Ni _{0.5} Zn _{0.5} Fe ₂ O ₄ by microwave assisted ball milling. <i>Materials Letters</i> , 2014, 133, 259-261.	1.3	21

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55	Preparation of W-Al intermetallic compound powders by a mechanochemical approach. <i>Journal of Alloys and Compounds</i> , 2008, 461, L23-L25.	2.8	20
56	Isochronal and isothermal phase transformation of Cu ₄₅ Zr ₄₅ Ag ₇ Al ₃ bulk metallic glass. <i>Physica B: Condensed Matter</i> , 2013, 411, 149-153.	1.3	20
57	Synthesis of C ₂ O ₄ Nanoparticles by a Low Temperature Microwave-Assisted Ball-Milling Technique. <i>International Journal of Applied Ceramic Technology</i> , 2014, 11, 954-959.	1.1	20
58	Thermal stability and magnetic properties of Gd-Fe-Al bulk amorphous alloys. <i>Journal of Alloys and Compounds</i> , 2007, 440, 199-203.	2.8	19
59	Removal of organic contaminants from wastewater with GO/MOFs composites. <i>PLoS ONE</i> , 2021, 16, e0253500.	1.1	19
60	Bulk metallic glass-forming region of Cu-Zr binary and Cu-Zr based multicomponent alloy systems. <i>Journal of Alloys and Compounds</i> , 2009, 477, 432-435.	2.8	18
61	One-step decomposition of basic carbonates into single-phase crystalline metallic oxides nanoparticle by ultrasonic wave-assisted ball milling technology. <i>Ceramics International</i> , 2012, 38, 821-825.	2.3	18
62	Synthesis of NiFe ₂ O ₄ nanoparticles by a low temperature microwave-assisted ball milling technique. <i>Science China Technological Sciences</i> , 2012, 55, 1535-1538.	2.0	17
63	Surface modification of titanium hydride with epoxy resin via microwave-assisted ball milling. <i>Applied Surface Science</i> , 2014, 316, 632-636.	3.1	17
64	Effect of Ceramic Rolling and Annealing on Mechanical Properties of AlCoCrFeNi _{2.1} Eutectic High-Entropy Alloys. <i>Journal of Materials Engineering and Performance</i> , 2018, 27, 3566-3573.	1.2	17
65	The N and P co-doping-induced giant negative piezoresistance behaviors of SiC nanowires. <i>Journal of Materials Chemistry C</i> , 2019, 7, 3181-3189.	2.7	17
66	Synthesis of MOFs for RhB Adsorption from Wastewater. <i>Inorganics</i> , 2022, 10, 27.	1.2	17
67	Predicting the thermal stability of RE-based bulk metallic glasses. <i>Intermetallics</i> , 2010, 18, 74-76.	1.8	16
68	Removal of hexavalent chromium from contaminated waters by ultrasound-assisted aqueous solution ball milling. <i>Journal of Environmental Sciences</i> , 2017, 52, 276-283.	3.2	16
69	Synthesis of CuO nanoparticles for catalytic application via ultrasound-assisted ball milling. <i>Processing and Application of Ceramics</i> , 2017, 11, 39-44.	0.4	16
70	Analyses of factors affecting nickel ferrite nanoparticles synthesis in ultrasound-assisted aqueous solution ball milling. <i>Ultrasonics Sonochemistry</i> , 2015, 22, 188-197.	3.8	15
71	Synthesis of Cu-BTC Metal-Organic Framework by Ultrasonic Wave-Assisted Ball Milling with Enhanced Congo Red Removal Property. <i>ChemistrySelect</i> , 2018, 3, 11435-11440.	0.7	15
72	Simultaneous wet ball milling and mild acid hydrolysis of rice hull. <i>Journal of Chemical Technology and Biotechnology</i> , 2010, 85, 85-90.	1.6	14

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73	Four-point-bending-fatigue behavior of the Cu ₄₅ Zr ₄₅ Ag ₇ Al ₃ bulk metallic glass. Journal of Non-Crystalline Solids, 2013, 370, 31-36.	1.5	14
74	Optimization of the process for preparing Al-doped ZnO thin films by sol-gel method. Science in China Series D: Earth Sciences, 2009, 52, 88-94.	0.9	13
75	Preparation of several aluminum alloys by solid-liquid mixed casting process. Journal of Alloys and Compounds, 2009, 475, 469-472.	2.8	13
76	Boosting the photoelectrochemical activities of all-inorganic perovskite SrTiO ₃ nanofibers by engineering homo/hetero junctions. Journal of Materials Chemistry A, 2018, 6, 17530-17539.	5.2	13
77	Dispersion stability and tribological properties of additives introduced by ultrasonic and microwave assisted ball milling in oil. RSC Advances, 2020, 10, 25177-25185.	1.7	13
78	Preparation of metal-organic frameworks by microwave-assisted ball milling for the removal of CR from wastewater. Green Processing and Synthesis, 2022, 11, 595-603.	1.3	13
79	Gd-Ni-Al bulk glasses with great glass-forming ability and better mechanical properties. Journal of Materials Science, 2007, 42, 8662-8666.	1.7	12
80	One Step Conversion of Wheat Straw to Sugars by Simultaneous Ball Milling, Mild Acid, and Fungus Penicillium simplicissimum Treatment. Applied Biochemistry and Biotechnology, 2012, 167, 39-51.	1.4	12
81	Cryogenic treatment induced hardening of Cu ₄₅ Zr ₄₅ Ag ₇ Al ₃ bulk metallic glass. Physica B: Condensed Matter, 2014, 433, 84-88.	1.3	12
82	Enhancing the tribological properties and corrosion resistance of graphene-based lubricating grease via ultrasonic-assisted ball milling. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2022, 633, 127889.	2.3	12
83	Preparation of the Al-Cu-Fe & Al-Fe-Si ternary intermetallic powders via a novel reaction ball milling technique. Journal of Alloys and Compounds, 2004, 376, 89-94.	2.8	11
84	Phase formation regularities of ultrafine TiAl, NiAl and FeAl intermetallic compound powders during solid-liquid reaction milling. Journal of Alloys and Compounds, 2008, 457, 292-295.	2.8	11
85	Microstructure characterisation and mechanical properties of rapidly solidified Mg-Zn-Ca alloys with Ce addition. Materials Science and Technology, 2008, 24, 848-855.	0.8	11
86	Deformation Behavior of AZ31 Magnesium Alloy During Tension at Moderate Temperatures. Journal of Materials Engineering and Performance, 2009, 18, 966-972.	1.2	11
87	Effect of cryogenic treatment on microstructure and mechanical behaviors of the Cu-based bulk metallic glass matrix composite. Journal of Alloys and Compounds, 2010, 505, 319-323.	2.8	11
88	Deformation mechanism and softening effect of extruded AZ31 magnesium alloy sheet at moderate temperatures. Transactions of Nonferrous Metals Society of China, 2012, 22, 1329-1335.	1.7	11
89	One-step synthesis of zinc ferrite nanoparticles by ultrasonic wave-assisted ball milling technology. Ceramics International, 2013, 39, 4669-4672.	2.3	11
90	Preparation of Zn _x Co _{1-x} Fe ₂ O ₄ nanoparticles by microwave-assisted ball milling. Ceramics International, 2014, 40, 14687-14692.	2.3	11

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91	Synthesis and Characterization of Cobalt Metal Organic Frameworks Prepared by Ultrasonic Wave-Assisted Ball Milling for Adsorptive Removal of Congo Red Dye from Aqueous Solutions. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2021, 31, 1231-1240.	1.9	11
92	Highly Dispersive Co@Ni Catalyst as Freestanding Bifunctional Cathode for Flexible and Rechargeable Zinc-Air Batteries. <i>Energy and Environmental Materials</i> , 2022, 5, 543-554.	7.3	11
93	Microstructural evolution and its effects on mechanical properties of spray deposited SiCp/8009Al composites during secondary processing. <i>Transactions of Nonferrous Metals Society of China</i> , 2009, 19, 1116-1120.	1.7	10
94	One-Step Synthesis of Zn to Single-Phase Nanocrystalline ZnO by Solid-Liquid Reaction Ball Milling Assisted by Ultrasonic Wave. <i>Journal of the American Ceramic Society</i> , 2010, 93, 2675-2678.	1.9	10
95	Tribological behavior and wear mechanism of resin-matrix contact strip against copper with electrical current. <i>Transactions of Nonferrous Metals Society of China</i> , 2008, 18, 1157-1163.	1.7	9
96	Bulk Metallic Glass-Forming Region of Four Multicomponent Alloy Systems. <i>Materials Transactions</i> , 2009, 50, 1240-1242.	0.4	9
97	Surface modification of titanium hydride with epoxy resin by ultrasonic wave-assisted ball milling. <i>High Performance Polymers</i> , 2016, 28, 281-287.	0.8	9
98	Synthesis of Mn-Zn ferrite nanoparticles by the coupling effect of ultrasonic irradiation and mechanical forces. <i>Journal of Alloys and Compounds</i> , 2014, 609, 21-24.	2.8	8
99	Synthesis of Co-substituted Mn-Zn ferrite nanoparticles by mechanochemistry approach. <i>Journal of Electroceramics</i> , 2016, 36, 158-164.	0.8	8
100	Synthesis of Mn ₃ O ₄ Nanoparticles for Catalytic Application via Ultrasound-Assisted Ball Milling. <i>ChemistrySelect</i> , 2018, 3, 3904-3908.	0.7	8
101	High temperature nano-indentation on the mechanical properties of Zr and Zr-Fe alloys: Experimental and theoretical analysis. <i>Mechanics of Materials</i> , 2021, 162, 104053.	1.7	8
102	Crack prediction in sheet forming of zirconium alloys used in nuclear fuel assembly by support vector machine method. <i>Energy Reports</i> , 2021, 7, 5922-5932.	2.5	8
103	Densification of large-size spray-deposited Al-Mg alloy square preforms via a novel wedge pressing technology. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2009, 506, 152-156.	2.6	7
104	Preparation of Al-Mo intermetallic powders by solid-liquid reaction ball milling. <i>Journal of Alloys and Compounds</i> , 2009, 485, L9-L11.	2.8	7
105	Cryogenic treatment induced hardening for Cu-Zr-Ag-Al bulk metallic glasses. <i>Science China Technological Sciences</i> , 2013, 56, 637-641.	2.0	7
106	Hydrolysis of birch wood by simultaneous ball milling, dilute citric acid, and fungus <i>Penicillium simplicissimum</i> treatment at room temperature. <i>Journal of Applied Polymer Science</i> , 2013, 128, 3338-3345.	1.3	7
107	Microstructure and tensile creep resistance of Mg-5.5Zn-(0.7%, 1.5%, 3.5%, 7.5%)Y alloys. <i>Journal of Central South University</i> , 2015, 22, 4112-4122.	1.2	7
108	Degradation of p-Nitrophenol by Nanoscale Zero-Valent Iron Produced by Microwave-Assisted Ball Milling. <i>Journal of Environmental Engineering, ASCE</i> , 2018, 144, .	0.7	7

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109	Preparation of FeOOH/Cu with High Catalytic Activity for Degradation of Organic Dyes. <i>Materials</i> , 2019, 12, 338.	1.3	7
110	Preparation of chemically functionalized graphene with excellent dispersibility and tribological properties as lubricant additives by microwave-assisted ball milling. <i>Journal of Molecular Liquids</i> , 2021, 344, 117929.	2.3	7
111	Predicting the eutectic compositions of four multicomponent alloy systems by a simple approach. <i>Journal of Alloys and Compounds</i> , 2011, 509, 648-650.	2.8	6
112	Formation of Cu ₂ O Solid Solution via High-Frequency Electromagnetic Field-Assisted Ball Milling: The Reaction Mechanism. <i>Materials</i> , 2020, 13, 618.	1.3	6
113	Structural limiting factors of mixed-valent tin oxides in photoelectrochemical application: A comparative exploration. <i>Journal of Energy Chemistry</i> , 2021, 56, 504-511.	7.1	6
114	A comparison study of the yield surface exponent of the Barlat yield function on the forming limit curve prediction of zirconium alloys with M-K method. <i>International Journal of Material Forming</i> , 2021, 14, 467-484.	0.9	6
115	Thermal stability and mechanical properties of Gd-Co-Al bulk glass alloys. <i>Transactions of Nonferrous Metals Society of China</i> , 2007, 17, 1220-1224.	1.7	5
116	ABRASIVE WEAR BEHAVIOR OF WC REINFORCED Ni-BASED COMPOSITE COATING SPRAYED AND FUSED BY OXY-ACETYLENE FLAME. <i>Surface Review and Letters</i> , 2009, 16, 475-485.	0.5	5
117	Synthesis and catalytic performance of antimony trioxide nanoparticles by ultrasonic-assisted solid-liquid reaction ball milling. <i>Advanced Powder Technology</i> , 2017, 28, 1136-1140.	2.0	5
118	Preparation of Nano-Particles of Metal Oxides via a Novel Solid-Liquid Mechanochemical Reaction Technology. <i>Advanced Materials Research</i> , 2007, 26-28, 671-674.	0.3	4
119	Effect of Cu/Zr content ratio on the thermal stability of Cu-Zr-rich Cu-Zr-Al BMGs. <i>Philosophical Magazine Letters</i> , 2013, 93, 283-291.	0.5	4
120	Effect of ceramic rolling on the mechanical properties of Ti _{42.5} Cu _{42.5} Ni ₁₀ Zr ₅ bulk metallic glass composite. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2015, 646, 90-95.	2.6	4
121	Effect of Chemical Bonding on the Thermal Stability of Cu-Zr-Rich Cu-Zr-Al Bulk Metallic Glasses. <i>Physics of Metals and Metallography</i> , 2019, 120, 667-671.	0.3	4
122	Numerical investigations of water droplet dynamics in micro-channels considering contact angle hysteresis. <i>Journal of Power Sources</i> , 2020, 479, 229104.	4.0	4
123	Numerical analysis on the performance of an SCR monolith reactor. <i>Korean Journal of Chemical Engineering</i> , 2020, 37, 604-613.	1.2	4
124	Mesoporous VCN Nanobelts for High-Performance Flexible Zn-Ion Batteries. <i>Energies</i> , 2022, 15, 4932.	1.6	4
125	Warm deformation mechanism of hot-rolled Mg alloy. <i>Transactions of Nonferrous Metals Society of China</i> , 2008, 18, s150-s155.	1.7	3
126	Production of intermetallic compound powders by a mechanochemical approach: solid-liquid reaction ball milling. , 2010, , 149-166.		3

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127	The influence of pH on thermal fatigue crack propagation behavior of WC-Co cemented carbide. International Journal of Refractory Metals and Hard Materials, 2013, 40, 14-18.	1.7	3
128	Synthesis and compressive fracture behavior of a CuZr-based bulk amorphous alloy with Ti addition. Journal of Central South University, 2013, 20, 1137-1141.	1.2	3
129	Influence of Cr and Al to FeCoNiCrAl ₂ alloys synthesised by mechanochemistry. Materials Science and Technology, 2021, 37, 545-551.	0.8	3
130	Preparation of the Al-Cu-Co and Al-Cu-Ni Ternary Intermetallic Powders via a Solid-Liquid Reaction Ball Milling Technique. Materials Science Forum, 2007, 561-565, 363-366.	0.3	2
131	Many-stage gas bulging forming of sheet magnesium alloy AZ311. Metal Science and Heat Treatment, 2008, 50, 110-114.	0.2	2
132	Twinning in weld HAZ of ZK21 commercial magnesium alloy. Transactions of Nonferrous Metals Society of China, 2008, 18, s81-s85.	1.7	2
133	Producing ternary intermetallic compounds powders by solid-liquid reaction ball milling. Journal of Materials Science, 2010, 45, 3438-3441.	1.7	2
134	Growth of the Sol-Gel Based ZnO:Al Thin Films with High Doping Concentration. Advanced Materials Research, 0, 485, 144-148.	0.3	2
135	Phase transformation regularities of Zn in the solution systems by solid-liquid reaction milling. Journal of Non-Crystalline Solids, 2009, 355, 1602-1604.	1.5	1
136	Tuning the mechanical performance of Cu ₄₂ Zr ₄₂ Ag ₁₀ Ti ₆ bulk metallic glass upon ceramic rolling. Journal of Alloys and Compounds, 2016, 688, 903-909.	2.8	1
137	Small Energy Multi-Impact and Static Fatigue Properties of Cemented Carbides. Powder Metallurgy and Metal Ceramics, 2016, 55, 312-318.	0.4	1
138	Effect of Al-Zr clusters on the thermal stability of Cu-Zr-rich Cu-Zr-Al bulk metallic glasses. Philosophical Magazine Letters, 2017, 97, 393-398.	0.5	1
139	Investigation on the Static Fatigue Mechanism and Effect of Specimen Thickness on the Static Fatigue Lifetime in WC-Co Cemented Carbides. Journal of Superhard Materials, 2018, 40, 118-126.	0.5	1
140	The decolorization and mineralization of orange II by microwave-assisted ball milling. Water Science and Technology, 2017, 75, 2784-2790.	1.2	0
141	Adsorptive and Photocatalytic Dye Removal from Wastewater Using Metal-Organic Frameworks. IOP Conference Series: Materials Science and Engineering, 2020, 782, 052002.	0.3	0