Fugang Qi

List of Publications by Year
in descending order

27 papers	466 citations	687363 13 h-index	713466 21 g-index
27 all docs	27 docs citations	27 times ranked	357 citing authors

#	Article	IF	Citations
1	Microstructure, mechanical and tribological properties of multilayer TiAl/TiAlN coatings on Al alloys by FCVA technology. Ceramics International, 2022, 48, 5476-5487.	4.8	15
2	Preparation of poly(ionic liquid)/multi-walled carbon nanotube fillers using divinylbenzene as a linker to enhance the impact resistance of polyurethane elastomers. RSC Advances, 2022, 12, 1777-1787.	3.6	4
3	Microstructure, mechanical and electrochemical properties of Ti3AlC2 coatings prepared by filtered cathode vacuum arc technology. Journal of the European Ceramic Society, 2022, 42, 2073-2083.	5.7	21
4	A composite nanofiller with a nail column void structure to imitate beetle shell fiber to enhance the impact resistance of polyurethane elastomer. Composites Science and Technology, 2022, 221, 109304.	7.8	9
5	Effect of rapid cold stamping on the precipitation and mechanical properties of Alâ€“Cuâ€“Mg alloy. Materials Express, 2022, 12, 355-361.	0.5	0
6	Microstructure, mechanical and tribological properties of multilayer Ti-DLC thick films on Al alloys by filtered cathodic vacuum arc technology. Materials and Design, 2021, 198, 109320.	7.0	46
7	Functionalized Modified BN@F-SiC Particle-Incorporating Epoxy: An Effective Hydrophobic Antiwear and Anticorrosion Coating Material. Industrial & Engineering Chemistry Research, 2021, 60, 8430-8441.	3.7	18
8	Effects of Modified Al2O3-Decorated Ionic Liquid on the Mechanical Properties and Impact Resistance of a Polyurethane Elastomer. Materials, 2021, 14, 4712.	2.9	8
9	Synergistic enhancement effect of nano-SiO2 and ionic liquids on mechanical properties and impact resistance of polyurethane elastomer. Composites Communications, 2021, 27, 100876.	6.3	14
10	In Situ Grafted Composite Nanoparticles-Reinforced Polyurethane Elastomer Composites with Excellent Continuous Anti-Impact Performance. Materials, 2021, 14, 6195.	2.9	0
11	Effect of Zn film thickness on corrosion resistance and mechanical properties of WE43 alloy. Materials Characterization, 2021, 182, 111570.	4.4	13
12	Effect of Rapid Cold Stamping on the Evolution of Long Strip-Shaped Nanoprecipitation in Alâ€“Cuâ€“Mg Alloy. Journal of Nanoscience and Nanotechnology, 2021, 21, 3325-3330.	0.9	0
13	Effects of Mn addition on the microstructure and mechanical properties of Mgâ€“Znâ€“Sn alloys. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2020, 774, 138933.	5.6	30
14	Effect of organically modified sepiolite as inorganic nanofiller on the anti-corrosion resistance of epoxy coating. Materials Letters, 2020, 260, 126941.	2.6	30
15	Reinforced Superhydrophobic Anti-Corrosion Epoxy Resin Coating by Fluorineâ€“Siliconâ€“Carbide Composites. Coatings, 2020, 10, 1244.	2.6	25
16	Effect of interfacial delamination on coating crack in thick diamond-like carbon coatings under indentation. Acta Mechanica Sinica/Lixue Xuebao, 2020, 36, 524-535.	3.4	6
17	Large energy resolution improvement of LYSO scintillator by electron beam lithography method. AIP Advances, 2020, 10, .	1.3	3
18	Effect of Heat Treatment on Microstructure and Mechanical Properties of Mg-5Zn-1Mn Alloy Tube. Metals, 2020, 10, 301.	2.3	6

#	Article	IF	Citations
19	Synthesis of PDA-BN@f-Al2O3 hybrid for nanocomposite epoxy coating with superior corrosion protective properties. Progress in Organic Coatings, 2020, 146, 105713.	3.9	37
20	Effect of Y Addition on the Microstructure and Mechanical Properties of ZM31 Alloy. Materials, 2020, 13, 583.	2.9	4
21	Graphene Oxide Decorated with Titanium Nanoparticles to Reinforce the Anti-Corrosion Performance of Epoxy Coating. Coatings, 2020, 10, 129.	2.6	51
22	A paper-based colorimetric microfluidic sensor fabricated by a novel spray painting prototyping process for iron analysis. Canadian Journal of Chemistry, 2019, 97, 373-377.	1.1	8
23	Multi-walled carbon nanotube-reinforced boron carbide matrix composites fabricated via ultra-high-pressure sintering. Journal of Materials Science, 2019, 54, 11084-11095.	3.7	4
24	Light extraction enhancement of BGO scintillator by monolayers of SiO2periodic array. AIP Advances, 2019, 9, 105217.	1.3	2
25	Effect of Ti Transition Layer Thickness on the Structure, Mechanical and Adhesion Properties of Ti-DLC Coatings on Aluminum Alloys. Materials, 2018, 11, 1742.	2.9	44
26	Flake-like InVO₄ modified TiO₂ nanofibers with longer carrier lifetimes for visible-light photocatalysts. RSC Advances, 2018, 8, 27073-27079.	3.6	13
27	Effects of Mn addition and X-phase on the microstructure and mechanical properties of high-strength Mgâ€“Znâ€“Yâ€“Mn alloys. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2014, 593, 70-78.	5.6	55