

# Fugang Qi

## List of Publications by Year in descending order

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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	Effects of Mn addition and X-phase on the microstructure and mechanical properties of high-strength Mg-Zn-Y-Mn alloys. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2014, 593, 70-78.	5.6	55
2	Graphene Oxide Decorated with Titanium Nanoparticles to Reinforce the Anti-Corrosion Performance of Epoxy Coating. <i>Coatings</i> , 2020, 10, 129.	2.6	51
3	Microstructure, mechanical and tribological properties of multilayer Ti-DLC thick films on Al alloys by filtered cathodic vacuum arc technology. <i>Materials and Design</i> , 2021, 198, 109320.	7.0	46
4	Effect of Ti Transition Layer Thickness on the Structure, Mechanical and Adhesion Properties of Ti-DLC Coatings on Aluminum Alloys. <i>Materials</i> , 2018, 11, 1742.	2.9	44
5	Synthesis of PDA-BN@f-Al <sub>2</sub> O <sub>3</sub> hybrid for nanocomposite epoxy coating with superior corrosion protective properties. <i>Progress in Organic Coatings</i> , 2020, 146, 105713.	3.9	37
6	Effects of Mn addition on the microstructure and mechanical properties of Mg-Zn-Sn alloys. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2020, 774, 138933.	5.6	30
7	Effect of organically modified sepiolite as inorganic nanofiller on the anti-corrosion resistance of epoxy coating. <i>Materials Letters</i> , 2020, 260, 126941.	2.6	30
8	Reinforced Superhydrophobic Anti-Corrosion Epoxy Resin Coating by Fluorine-Silicon-Carbide Composites. <i>Coatings</i> , 2020, 10, 1244.	2.6	25
9	Microstructure, mechanical and electrochemical properties of Ti <sub>3</sub> AlC <sub>2</sub> coatings prepared by filtered cathode vacuum arc technology. <i>Journal of the European Ceramic Society</i> , 2022, 42, 2073-2083.	5.7	21
10	Functionalized Modified BN@F-SiC Particle-Incorporating Epoxy: An Effective Hydrophobic Antiwear and Anticorrosion Coating Material. <i>Industrial &amp; Engineering Chemistry Research</i> , 2021, 60, 8430-8441.	3.7	18
11	Microstructure, mechanical and tribological properties of multilayer TiAl/TiAlN coatings on Al alloys by FCVA technology. <i>Ceramics International</i> , 2022, 48, 5476-5487.	4.8	15
12	Synergistic enhancement effect of nano-SiO <sub>2</sub> and ionic liquids on mechanical properties and impact resistance of polyurethane elastomer. <i>Composites Communications</i> , 2021, 27, 100876.	6.3	14
13	Flake-like InVO <sub>4</sub> modified TiO <sub>2</sub> nanofibers with longer carrier lifetimes for visible-light photocatalysts. <i>RSC Advances</i> , 2018, 8, 27073-27079.	3.6	13
14	Effect of Zn film thickness on corrosion resistance and mechanical properties of WE43 alloy. <i>Materials Characterization</i> , 2021, 182, 111570.	4.4	13
15	A composite nanofiller with a nail column void structure to imitate beetle shell fiber to enhance the impact resistance of polyurethane elastomer. <i>Composites Science and Technology</i> , 2022, 221, 109304.	7.8	9
16	A paper-based colorimetric microfluidic sensor fabricated by a novel spray painting prototyping process for iron analysis. <i>Canadian Journal of Chemistry</i> , 2019, 97, 373-377.	1.1	8
17	Effects of Modified Al <sub>2</sub> O <sub>3</sub> -Decorated Ionic Liquid on the Mechanical Properties and Impact Resistance of a Polyurethane Elastomer. <i>Materials</i> , 2021, 14, 4712.	2.9	8
18	Effect of interfacial delamination on coating crack in thick diamond-like carbon coatings under indentation. <i>Acta Mechanica Sinica/Lixue Xuebao</i> , 2020, 36, 524-535.	3.4	6

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19	Effect of Heat Treatment on Microstructure and Mechanical Properties of Mg-5Zn-1Mn Alloy Tube. <i>Metals</i> , 2020, 10, 301.	2.3	6
20	Multi-walled carbon nanotube-reinforced boron carbide matrix composites fabricated via ultra-high-pressure sintering. <i>Journal of Materials Science</i> , 2019, 54, 11084-11095.	3.7	4
21	Effect of Y Addition on the Microstructure and Mechanical Properties of ZM31 Alloy. <i>Materials</i> , 2020, 13, 583.	2.9	4
22	Preparation of poly(ionic liquid)/multi-walled carbon nanotube fillers using divinylbenzene as a linker to enhance the impact resistance of polyurethane elastomers. <i>RSC Advances</i> , 2022, 12, 1777-1787.	3.6	4
23	Large energy resolution improvement of LYSO scintillator by electron beam lithography method. <i>AIP Advances</i> , 2020, 10, .	1.3	3
24	Light extraction enhancement of BGO scintillator by monolayers of SiO <sub>2</sub> periodic array. <i>AIP Advances</i> , 2019, 9, 105217.	1.3	2
25	In Situ Grafted Composite Nanoparticles-Reinforced Polyurethane Elastomer Composites with Excellent Continuous Anti-Impact Performance. <i>Materials</i> , 2021, 14, 6195.	2.9	0
26	Effect of Rapid Cold Stamping on the Evolution of Long Strip-Shaped Nanoprecipitation in Al-Cu-Mg Alloy. <i>Journal of Nanoscience and Nanotechnology</i> , 2021, 21, 3325-3330.	0.9	0
27	Effect of rapid cold stamping on the precipitation and mechanical properties of Al-Cu-Mg alloy. <i>Materials Express</i> , 2022, 12, 355-361.	0.5	0