

Fa Luo

List of Publications by Year in descending order

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33
papers

1,111
citations

471509

17
h-index

434195

31
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33
all docs

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docs citations

33
times ranked

1001
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of SiC interphase on the mechanical, high-temperature dielectric and high-temperature microwave absorption properties of the SiCf/SiC/Mu composites. <i>Ceramics International</i> , 2022, 48, 18567-18578.	4.8	7
2	Balancing Between Polarization and Conduction Loss toward Strong Electromagnetic Wave Absorption of Hard Carbon Particles with Morphology Heterogeneity. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 19836-19846.	8.0	22
3	Study on effect of doping content on the microstructure, dielectric and microwave absorption properties of x-NiO/CaMn _{1-x} O ₃ . <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 14874.	2.2	0
4	Novel Magn ⁺ Li Ti ₄ O ₇ /Ni/poly(vinylidene fluoride) hybrids for high-performance electromagnetic wave absorption. <i>Advanced Composites and Hybrid Materials</i> , 2021, 4, 1027-1038.	21.1	36
5	Flexible thin microwave absorbing patch: flake carbonyl iron and chopped carbon fibers oriented in resin matrix. <i>Journal of Materials Science: Materials in Electronics</i> , 2020, 31, 1442-1450.	2.2	11
6	Enhanced dielectric and microwave absorption properties of Y ₂ Ti ₂ O ₇ ceramics by Sr doping. <i>Applied Physics A: Materials Science and Processing</i> , 2019, 125, 1.	2.3	7
7	Fabrication of SiCf/SiC-mullite composite with improved pretreatment condition via precursor infiltration-sintering combined with infiltration-pyrolysis process. <i>Ceramics International</i> , 2019, 45, 16062-16069.	4.8	15
8	Improved mechanical and microwave absorption properties of SiC fiber/mullite matrix composite using hybrid SiC/Ti ₃ SiC ₂ fillers. <i>Journal of Alloys and Compounds</i> , 2019, 791, 51-59.	5.5	30
9	Effect of Temperature on Microwave-Absorption Property of Plasma-Sprayed Ti ₃ SiC ₂ /NASICON Coating. <i>Journal of Electronic Materials</i> , 2019, 48, 1506-1510.	2.2	9
10	Aligned Fe microfiber reinforced epoxy composites with tunable electromagnetic properties and improved microwave absorption. <i>Journal of Materials Science</i> , 2019, 54, 4671-4679.	3.7	23
11	Substrate temperature effects on infrared emissivity of TiN films. <i>Surface Engineering</i> , 2019, 35, 9-13.	2.2	7
12	Influence of different matrices on the mechanical and microwave absorption properties of SiC fiber-reinforced oxide matrix composites. <i>Ceramics International</i> , 2018, 44, 6010-6015.	4.8	18
13	Study on the electromagnetic interference shielding effectiveness of TiN film. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 9052-9057.	2.2	6
14	Effect of N ₂ flow rate on electromagnetic interference shielding effectiveness of TiN _x films. <i>Applied Physics A: Materials Science and Processing</i> , 2018, 124, 1.	2.3	2
15	Temperature-dependent dielectric and microwave absorption properties of silicon carbide fiber-reinforced oxide matrices composite. <i>Journal of Materials Science</i> , 2018, 53, 15465-15473.	3.7	18
16	Greatly enhanced microwave absorption properties of highly oriented flake carbonyl iron/epoxy resin composites under applied magnetic field. <i>Journal of Materials Science</i> , 2017, 52, 2373-2383.	3.7	52
17	Improvement dielectric and microwave properties of SiC f /SiC-AlPO ₄ composites prepared by precursor infiltration and pyrolysis process. <i>Journal of Alloys and Compounds</i> , 2017, 699, 498-504.	5.5	21
18	Enhanced Microwave Absorption Properties of Oriented Carbonyl Iron/Carbon Black Composite Induced by Shear Force. <i>Journal of Electronic Materials</i> , 2017, 46, 4903-4911.	2.2	26

#	ARTICLE	IF	CITATIONS
19	Nitrogen-doped graphene and titanium carbide nanosheet synergistically reinforced epoxy composites as high-performance microwave absorbers. RSC Advances, 2017, 7, 27755-27761.	3.6	70
20	Single-Layer and Double-Layer Microwave Absorbers Based on Graphene Nanosheets/Epoxy Resin Composite. Nano, 2017, 12, 1750089.	1.0	13
21	Dielectric and Microwave Absorption Properties of TiC-Al ₂ O ₃ /Silica Coatings at High Temperature. Journal of Electronic Materials, 2017, 46, 5225-5231.	2.2	16
22	Enhanced microwave absorption of plasma-sprayed Ti ₃ SiC ₂ /glass composite coatings. Journal of Materials Science, 2017, 52, 832-842.	3.7	21
23	Titanium carbide (MXene) nanosheets as promising microwave absorbers. Ceramics International, 2016, 42, 16412-16416.	4.8	316
24	CaCu ₃ Ti ₄ O ₁₂ particles and MWCNT-filled microwave absorber with improved microwave absorption by FSS incorporation. Applied Physics A: Materials Science and Processing, 2016, 122, 1.	2.3	11
25	Temperature-dependent dielectric and microwave absorption properties of SiC/SiC-Al ₂ O ₃ composites modified by thermal cross-linking procedure. Journal of the European Ceramic Society, 2015, 35, 2991-3003.	5.7	82
26	Temperature dependence of dielectric properties of SiCf/PyC/SiC composites. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2015, 195, 12-19.	3.5	23
27	Mechanical, Dielectric, and Microwave-Absorption Properties of Alumina Ceramic Containing Dispersed Ti ₃ SiC ₂ . Journal of Electronic Materials, 2015, 44, 867-873.	2.2	28
28	High-temperature dielectric and electromagnetic interference shielding properties of SiCf/SiC composites using Ti ₃ SiC ₂ as inert filler. Composites Part A: Applied Science and Manufacturing, 2015, 77, 195-203.	7.6	75
29	Enhanced microwave absorption of multi-walled carbon nanotubes/epoxy composites incorporated with ceramic particles. Composites Science and Technology, 2014, 102, 161-168.	7.8	83
30	Influence of the coupling agent on the mechanical properties of SiC/poly(phenylene) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50	2.6	10
31	Mechanical and dielectric properties of short-carbon-fibers/epoxy-modified-organic-silicone-resin as heat-resistant microwave absorbing coatings. Journal of Applied Polymer Science, 2013, 130, 1392-1398.	2.6	10
32	Dielectric and Mechanical Properties of Hot-Pressed Sintered SiC/Al ₂ O ₃ Ceramic Composites. International Journal of Applied Ceramic Technology, 2012, 9, 413-420.	2.1	14
33	Dip-coating of boron nitride interphase and its effects on mechanical properties of SiCf/SiC composites. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2012, 543, 1-5.	5.6	39