

Quan Li

List of Publications by Year in descending order

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27
papers

2,347
citations

361413

20
h-index

526287

27
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28
all docs

28
docs citations

28
times ranked

1532
citing authors

#	ARTICLE	IF	CITATIONS
1	Electromagnetic Wave Absorption Properties of Reduced Graphene Oxide Modified by Maghemite Colloidal Nanoparticle Clusters. <i>Journal of Physical Chemistry C</i> , 2013, 117, 19701-19711.	3.1	322
2	Synthesis and microwave absorption properties of SiC nanowires reinforced SiOC ceramic. <i>Journal of the European Ceramic Society</i> , 2014, 34, 257-266.	5.7	222
3	Fabrication and electromagnetic interference shielding effectiveness of carbon nanotube reinforced carbon fiber/pyrolytic carbon composites. <i>Carbon</i> , 2014, 68, 501-510.	10.3	178
4	A review of absorption properties in silicon-based polymer derived ceramics. <i>Journal of the European Ceramic Society</i> , 2016, 36, 3681-3689.	5.7	168
5	Electrical, dielectric and microwave-absorption properties of polymer derived SiC ceramics in X band. <i>Journal of Alloys and Compounds</i> , 2013, 565, 66-72.	5.5	163
6	Dielectric and microwave absorption properties of polymer derived SiCN ceramics annealed in N ₂ atmosphere. <i>Journal of the European Ceramic Society</i> , 2014, 34, 589-598.	5.7	160
7	Electromagnetic Wave Absorption Properties of ZnO-Based Materials Modified with ZnAl ₂ O ₄ Nanograins. <i>Journal of Physical Chemistry C</i> , 2013, 117, 2135-2146.	3.1	149
8	Dielectric and EMW absorbing properties of PDCs-SiBCN annealed at different temperatures. <i>Journal of the European Ceramic Society</i> , 2013, 33, 1469-1477.	5.7	130
9	Improved dielectric and electromagnetic interference shielding properties of ferrocene-modified polycarbosilane derived SiC/C composite ceramics. <i>Journal of the European Ceramic Society</i> , 2014, 34, 2187-2201.	5.7	117
10	Effect of chemical vapor infiltration of SiC on the mechanical and electromagnetic properties of Si ₃ N ₄ /SiC ceramic. <i>Scripta Materialia</i> , 2010, 63, 657-660.	5.2	97
11	Synthesis and EMW absorbing properties of nano SiC modified PDC/SiOC. <i>Journal of Materials Chemistry C</i> , 2016, 4, 5962-5969.	5.5	96
12	Improved electromagnetic absorbing properties of Si ₃ N ₄ /SiC/SiO ₂ composite ceramics with multi-shell microstructure. <i>Journal of the European Ceramic Society</i> , 2013, 33, 2173-2180.	5.7	83
13	Dielectric properties of Si ₃ N ₄ /SiCN composite ceramics in X-band. <i>Ceramics International</i> , 2012, 38, 6015-6020.	4.8	69
14	Ultralight and High-Strength SiC _{nw} @SiC Foam with Highly Efficient Microwave Absorption and Heat Insulation Properties. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 22017-22030.	8.0	62
15	High-Temperature Electromagnetic Wave Absorption Properties of ZnO/ZrSiO ₄ Composite Ceramics. <i>Journal of the American Ceramic Society</i> , 2013, 96, 2211-2217.	3.8	54
16	Effects of SiC fibers on microwave absorption and electromagnetic interference shielding properties of SiCf/SiCN composites. <i>Ceramics International</i> , 2016, 42, 19237-19244.	4.8	52
17	Electromagnetic wave absorption and mechanical properties of silicon carbide fibers reinforced silicon nitride matrix composites. <i>Journal of the European Ceramic Society</i> , 2019, 39, 743-754.	5.7	47
18	Improved dielectric properties of PDCs-SiCN by in-situ fabricated nano-structured carbons. <i>Journal of the European Ceramic Society</i> , 2017, 37, 1243-1251.	5.7	46

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19	Ti ₃ C ₂ TiX MXene Beaded SiC Nanowires for Efficient Microwave Absorption. ACS Applied Nano Materials, 2022, 5, 9209-9222.	5.0	30
20	Effects of heat treatment temperature on microstructure and electromagnetic properties of ordered mesoporous carbon. Transactions of Nonferrous Metals Society of China, 2013, 23, 1652-1660.	4.2	20
21	Controllable dielectric properties and strong electromagnetic wave absorption properties of SiC/spherical graphite-AlN microwave-attenuating composite ceramics. Ceramics International, 2021, 47, 22636-22645.	4.8	20
22	In-situ formation of carbon nanotubes in pyrolytic carbon-silicon nitride composite ceramics. Ceramics International, 2014, 40, 531-540.	4.8	19
23	Preparation, mechanical, dielectric and microwave absorption properties of hierarchical porous SiCnw-Si ₃ N ₄ composite ceramics. Journal of the European Ceramic Society, 2022, 42, 3820-3830.	5.7	14
24	Influence of microstructure evolution on temperature-dependent dielectric and electromagnetic wave absorption properties of PDCs-SiC. Ceramics International, 2022, 48, 8596-8604.	4.8	13
25	Effects of Phase Composition on Microstructure and Mechanical Properties of Lu ₂ O ₃ -doped Porous Silicon Nitride Ceramics. Journal of Materials Science and Technology, 2011, 27, 529-533.	10.7	9
26	Macrostructural design of highly porous SiOC ceramic foams by preceramic polymer viscosity tailoring. Ceramics International, 2022, 48, 224-231.	4.8	5
27	Influence of TiO ₂ on the densification behaviour of Yb ₂ O ₃ . Journal of the European Ceramic Society, 2021, , .	5.7	2