

Kong Luo

List of Publications by Year in descending order

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36
papers

4,602
citations

201674

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3139
citing authors

#	ARTICLE	IF	CITATIONS
1	An Ultrastrong and Antibacterial Silver Nanowire/Aligned Cellulose Scaffold Composite Film for Electromagnetic Interference Shielding. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 14520-14531.	8.0	30
2	Interfacial polarization dominant CNTs/PyC hollow microspheres as a lightweight electromagnetic wave absorbing material. <i>Carbon</i> , 2022, 193, 216-229.	10.3	53
3	Electromagnetic wave absorption properties of N-PyC/Ti ₃ C ₂ T _x hybrids. <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 26105-26115.	2.2	3
4	Electromagnetic wave absorption properties of Ti ₃ C ₂ T _x nanosheets modified with in-situ growth carbon nanotubes. <i>Carbon</i> , 2021, 183, 322-331.	10.3	40
5	Design Principles for Tungsten Oxide Electrocatalysts for Water Splitting. <i>ChemElectroChem</i> , 2021, 8, 4427-4440.	3.4	15
6	Structure, dielectric properties of novel Ba(Zr,Ti)O ₃ based ceramics for energy storage application. <i>Ceramics International</i> , 2020, 46, 12080-12087.	4.8	24
7	Spinel-Layered Intergrowth Composite Cathodes for Sodium-Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 45997-46004.	8.0	26
8	Graphene and MXene Nanomaterials: Toward High-Performance Electromagnetic Wave Absorption in Gigahertz Band Range. <i>Advanced Functional Materials</i> , 2020, 30, 2000475.	14.9	356
9	Evolution of the structure, dielectric and ferroelectric properties of Na _{0.5} Bi _{0.5} TiO ₃ -added BaTiO ₃ –Bi(Mg ₂ /3Nb ₁ /3)O ₃ ceramics. <i>Ceramics International</i> , 2020, 46, 25392-25398.	4.8	74
10	Morphology Design of Co-electrospinning MnO-VN/C Nanofibers for Enhancing the Microwave Absorption Performances. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 13208-13216.	8.0	71
11	Lamellar vanadium nitride nanowires encapsulated in graphene for electromagnetic wave absorption. <i>Chemical Engineering Journal</i> , 2019, 378, 122203.	12.7	44
12	Carbon-Coated Mn ₄ N Nanowires with Abundant Internal Voids for Microwave Absorption. <i>ACS Applied Nano Materials</i> , 2019, 2, 7848-7855.	5.0	13
13	Powerful absorbing and lightweight electromagnetic shielding CNTs/RGO composite. <i>Carbon</i> , 2019, 145, 61-66.	10.3	237
14	Structure, dielectric properties of low-temperature-sintering BaTiO ₃ -based glass-ceramics for energy storage. <i>Journal of Advanced Dielectrics</i> , 2018, 08, 1850041.	2.4	17
15	MoO ₂ @MoS ₂ Nanoarchitectures for High-Loading Advanced Lithium-Ion Battery Anodes. <i>Particle and Particle Systems Characterization</i> , 2017, 34, 1600223.	2.3	50
16	Electromagnetic wave absorption properties of a carbon nanotube modified by a tetrapyrroline porphyrazine interface layer. <i>Journal of Materials Chemistry C</i> , 2017, 5, 7479-7488.	5.5	146
17	Macroscopic bioinspired graphene sponge modified with in-situ grown carbon nanowires and its electromagnetic properties. <i>Carbon</i> , 2017, 111, 94-102.	10.3	184
18	Synthesis of Structurally Stable 3D MoS ₂ Architectures as High Performance Lithium-Ion Battery Anodes. <i>Particle and Particle Systems Characterization</i> , 2016, 33, 311-315.	2.3	14

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19	Carbon nanotubes modified with ZnO nanoparticles: High-efficiency electromagnetic wave absorption at high-temperatures. <i>Ceramics International</i> , 2015, 41, 4906-4915.	4.8	74
20	Electromagnetic properties of SiC _{0.5} N based ceramics and composites. <i>International Materials Reviews</i> , 2014, 59, 326-355.	19.3	499
21	Preparation of titanium carbide nanowires for application in electromagnetic wave absorption. <i>Journal of Alloys and Compounds</i> , 2014, 596, 132-139.	5.5	89
22	In-situ formation of carbon nanotubes in pyrolytic carbon/silicon nitride composite ceramics. <i>Ceramics International</i> , 2014, 40, 531-540.	4.8	19
23	Electromagnetic wave absorption properties of graphene modified with carbon nanotube/poly(dimethyl siloxane) composites. <i>Carbon</i> , 2014, 73, 185-193.	10.3	424
24	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
25	Effects of multi-walled carbon nanotubes on the crystallization behavior of PDCs-SiBCN and their improved dielectric and EM absorbing properties. <i>Journal of the European Ceramic Society</i> , 2014, 34, 1053-1061.	5.7	87
26	Graphene-wrapped ZnO hollow spheres with enhanced electromagnetic wave absorption properties. <i>Journal of Materials Chemistry A</i> , 2014, 2, 16403-16409.	10.3	514
27	Dielectric and microwave-absorption properties of SiC nanoparticle/SiBCN composite ceramics. <i>Journal of the European Ceramic Society</i> , 2014, 34, 205-215.	5.7	110
28	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
29	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
30	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
31	Electromagnetic properties of SiO ₂ reinforced with both multi-wall carbon nanotubes and ZnO particles. <i>Carbon</i> , 2013, 64, 541-544.	10.3	49
32	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
33	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
34	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
35	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
36	Effect of Aluminum Doping on Microwave Absorption Properties of ZnO/ZrSiO ₄ Composite Ceramics. <i>Journal of the American Ceramic Society</i> , 2012, 95, 3158-3165.	3.8	67