

Benito RomÃ¡n-Manso

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11856206/publications.pdf>

Version: 2024-02-01

18
papers

832
citations

687363

13
h-index

888059

17
g-index

18
all docs

18
docs citations

18
times ranked

1009
citing authors

#	ARTICLE	IF	CITATIONS
1	In situ processing of electrically conducting graphene/SiC nanocomposites. Journal of the European Ceramic Society, 2013, 33, 1665-1674.	5.7	105
2	Geometrically Complex Silicon Carbide Structures Fabricated by Robocasting. Journal of the American Ceramic Society, 2012, 95, 2660-2666.	3.8	103
3	Tribological performance under dry sliding conditions of graphene/silicon carbide composites. Journal of the European Ceramic Society, 2016, 36, 429-435.	5.7	102
4	Enhanced electrical conductivity of silicon carbide ceramics by addition of graphene nanoplatelets. Journal of the European Ceramic Society, 2015, 35, 2723-2731.	5.7	96
5	Electrically functional 3D-architected graphene/SiC composites. Carbon, 2016, 100, 318-328.	10.3	89
6	Toughened and strengthened silicon carbide ceramics by adding graphene-based fillers. Scripta Materialia, 2016, 113, 127-130.	5.2	84
7	Thermal conductivity of silicon carbide composites with highly oriented graphene nanoplatelets. Journal of the European Ceramic Society, 2016, 36, 3987-3993.	5.7	64
8	Hierarchically Porous Ceramics via Direct Writing of Binary Colloidal Gel Foams. ACS Applied Materials & Interfaces, 2021, 13, 8976-8984.	8.0	34
9	Polymer-derived ceramic/graphene oxide architected composite with high electrical conductivity and enhanced thermal resistance. Journal of the European Ceramic Society, 2018, 38, 2265-2271.	5.7	31
10	Ultrasonic bandgaps in 3D-printed periodic ceramic microlattices. Ultrasonics, 2018, 82, 91-100.	3.9	27
11	Contact-mechanical properties at pre-creep temperatures of fine-grained graphene/SiC composites prepared in situ by spark-plasma sintering. Journal of the European Ceramic Society, 2014, 34, 1433-1438.	5.7	25
12	Aligned carbon nanotube/silicon carbide hybrid materials with high electrical conductivity, superhydrophobicity and superoleophilicity. Carbon, 2014, 80, 120-126.	10.3	22
13	Acoustic metamaterial behavior of three-dimensional periodic architectures assembled by robocasting. Applied Physics Letters, 2014, 105, 211904.	3.3	14
14	Effects of Current Confinement on the Spark Plasma Sintering of Silicon Carbide Ceramics. Journal of the American Ceramic Society, 2015, 98, 2745-2753.	3.8	13
15	Prominent local transport in silicon carbide composites containing in-situ synthesized three-dimensional graphene networks. Journal of the European Ceramic Society, 2016, 36, 3073-3081.	5.7	10
16	Frequency-dependent acoustic energy focusing in hexagonal ceramic micro-scaffolds. Wave Motion, 2020, 92, 102417.	2.0	7
17	Finite Elements Modeling of Mechanical and Acoustic Properties of a Ceramic Metamaterial Assembled by Robocasting. Applied Mechanics and Materials, 0, 821, 364-371.	0.2	4
18	Ceramic phononic crystals with MHz-range frequency band gaps. Proceedings of Meetings on Acoustics, 2017, , .	0.3	2