

Ämer GÄ¼ler

List of Publications by Year in descending order

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39
papers

631
citations

758635

12
h-index

610482

24
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39
all docs

39
docs citations

39
times ranked

640
citing authors

#	ARTICLE	IF	CITATIONS
1	A short review on mechanical properties of graphene reinforced metal matrix composites. <i>Journal of Materials Research and Technology</i> , 2020, 9, 6808-6833.	2.6	175
2	Production of graphene layer by liquid-phase exfoliation with low sonication power and sonication time from synthesized expanded graphite. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2016, 24, 123-127.	1.0	65
3	Synthesized multi-walled carbon nanotubes as a potential adsorbent for the removal of methylene blue dye: kinetics, isotherms, and thermodynamics. <i>Desalination and Water Treatment</i> , 2016, 57, 8826-8838.	1.0	41
4	The production of graphene by direct liquid phase exfoliation of graphite at moderate sonication power by using low boiling liquid media: The effect of liquid media on yield and optimization. <i>Ceramics International</i> , 2021, 47, 521-533.	2.3	27
5	The investigation of contact performance of oxide reinforced copper composite via mechanical alloying. <i>Journal of Materials Processing Technology</i> , 2009, 209, 1286-1290.	3.1	25
6	Electrical and Optical Properties of Carbon Nanotube Hybrid Zinc Oxide Nanocomposites Prepared by Ball Mill Technique. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2015, 23, 865-869.	1.0	24
7	Production of graphene-boron nitride hybrid nanosheets by liquid-phase exfoliation. <i>Optik</i> , 2016, 127, 4630-4634.	1.4	24
8	The effect of graphene nano-sheet (GNS) weight percentage on mechanical and corrosion properties of AZ61 and AZ91 based magnesium matrix composites. <i>Journal of Composite Materials</i> , 2020, 54, 4473-4485.	1.2	22
9	Electrical and optical properties of ZnO-milled Fe ₂ O ₃ nanocomposites produced by powder metallurgy route. <i>Optik</i> , 2016, 127, 3187-3191.	1.4	21
10	The unusually formation of porous silica nano-stalactite structure by high temperature heat treatment of SiO ₂ aerogel synthesized from rice hull. <i>Ceramics International</i> , 2020, 46, 370-380.	2.3	17
11	Synthesis and characterization of ZnO-reinforced with graphene nanolayer nanocomposites: electrical conductivity and optical band gap analysis. <i>Materials Research Express</i> , 2019, 6, 095602.	0.8	15
12	Effect of carbon nanotubes/graphene nanoplates hybrid to ZnO matrix: production, electrical and optical properties of nanocomposite. <i>Journal of Materials Science: Materials in Electronics</i> , 2020, 31, 3184-3196.	1.1	15
13	The production of graphene-boron nitride nanosheet heterostructures via liquid phase exfoliation assisted by a milling process. <i>Bulletin of Materials Science</i> , 2019, 42, 1.	0.8	13
14	The synthesis of carbon nanostructures from tea plant wastes. <i>Canadian Metallurgical Quarterly</i> , 2017, 56, 349-359.	0.4	12
15	Synthesis and structural, electrical, optical, and gamma-ray attenuation properties of ZnO-multi-walled carbon nanotubes (MWCNT) composite separately incorporated with CdO, TiO ₂ , and Fe ₂ O ₃ . <i>Ceramics International</i> , 2022, 48, 16251-16262.	2.3	12
16	The production of graphene nano layers by using milling-exfoliation hybrid process. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2017, 25, 34-39.	1.0	10
17	Mechanical and Thermal Properties of a Cu-CNT Composite with Carbon Nanotubes Synthesized by CVD Process. <i>Materialprüfung/Materials Testing</i> , 2014, 56, 662-666.	0.8	10
18	Investigation of shape memory characteristics and production of HfZrTiFeMnSi high entropy alloy by mechanical alloying method. <i>Current Applied Physics</i> , 2022, 33, 1-11.	1.1	9

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19	Synergistic effect of boron nitride and graphene nanosheets on behavioural attitudes of polyester matrix: Synthesis, experimental and Monte Carlo simulation studies. <i>Diamond and Related Materials</i> , 2022, 126, 109095.	1.8	9
20	Effect of Milling Type on Formation of Carbon Nanostructures. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2015, 23, 463-470.	1.0	8
21	The effect of an excessive amount of carbon nanotubes on the properties of zinc oxide-carbon nanotube nanocomposites. <i>Science and Engineering of Composite Materials</i> , 2016, 23, 389-394.	0.6	8
22	Investigating the synergistic effect of CNT+MLG hybrid structure on copper matrix and electrical contact properties of the composite. <i>European Physical Journal Plus</i> , 2020, 135, 1.	1.2	8
23	Effect of carbon nanotubes produced by using different methods on electrical and optical properties of zinc oxide-carbon nanotube composite. <i>International Journal of Materials Research</i> , 2015, 106, 641-646.	0.1	7
24	The Effect of Liquid Media on the Efficiency of Graphene Production by Liquid-Phase Exfoliation from Micromechanically Pre-exfoliated Graphite. <i>Journal of Electronic Materials</i> , 2020, 49, 5335-5345.	1.0	7
25	The synergistic effect of CNTs-polymeric surfactant on the properties of concrete nanocomposites: Comparative study. <i>Journal of Composite Materials</i> , 2021, 55, 1371-1384.	1.2	7
26	Effect of milling time on the formation of carbon nanotube by mechano-thermal method. <i>Bulletin of Materials Science</i> , 2015, 38, 857-863.	0.8	6
27	Boron nitride nanosheet-reinforced WNiCoFeCr high-entropy alloys: the role of B4C on the structural, physical, mechanical, and radiological shielding properties. <i>Applied Physics A: Materials Science and Processing</i> , 2022, 128, .	1.1	6
28	The synergistic effect of GNPs+CNTs on properties of polyester: comparison with polyester-CNTs nanocomposite. <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 17436-17447.	1.1	5
29	Adsorption properties and synthesis of silica aerogel-hollow silica microsphere hybrid (sandwich) structure. <i>Journal of Sol-Gel Science and Technology</i> , 2021, 100, 74-88.	1.1	5
30	Modeling of Congo Red Adsorption onto Multi-walled Carbon Nanotubes Using Response Surface Methodology: Kinetic, Isotherm and Thermodynamic Studies. <i>Arabian Journal for Science and Engineering</i> , 2021, 46, 6579-6592.	1.7	4
31	Formation of Carbon Nano Onions by Thermo-Mechanical Processing of Graphite Powders. <i>Materialpruefung/Materials Testing</i> , 2014, 56, 241-244.	0.8	4
32	<i>In situ</i> synthesis of titanium diboride composites through volume combustion. <i>Materials Science and Technology</i> , 2011, 27, 1123-1130.	0.8	3
33	Effect of Cu, Sn and Sb addition on the structural, thermal and magnetic properties of body-centered cubic structured CoNiMnGaSi high entropy alloy. <i>Applied Physics A: Materials Science and Processing</i> , 2022, 128, .	1.1	3
34	The effect of equal-channel angular pressing (ECAP) on the properties of graphene reinforced aluminium matrix composites. <i>Journal of Composite Materials</i> , 2021, 55, 1749-1768.	1.2	2
35	Production of new type insulation material: Expanded Perlite-Silica aerogel composite. <i>Turkish Journal of Engineering</i> , 2021, 5, 95-99.	0.7	1
36	Structure-Property Relationships in Polymer Nanocomposites. , 2021, , 1-27.		1

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37	The effect of graphene nanoplatelets on technical properties of micro- and nano-sized TiO ₂ matrix: a comparative research study on electrical and optical characteristics. Journal of Materials Science: Materials in Electronics, 2020, 31, 17511-17523.	1.1	0
38	The effect of graphene+boron nitride/ZnO-based hybrid nanocomposites: synthesis, electrical, optical properties. Journal of the Australian Ceramic Society, 2021, 57, 1085-1095.	1.1	0
39	ZnO-Grafen Nanokompozitinin Sol-Jel Yöntemiyle Üretimi ve Fotokatalizör Olarak Kullanılması. Çukurova Üniversitesi Mühendislik-Mimarlık Fakültesi Dergisi, 2018, 33, 1-216.	0.1	0