

George Anagnostopoulos

List of Publications by Year in descending order

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687363

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23
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1007
citing authors

#	ARTICLE	IF	CITATIONS
1	Agricultural and livestock sector's residues in Greece & China: Comparative qualitative and quantitative characterization for assessing their potential for biogas production. Renewable and Sustainable Energy Reviews, 2022, 154, 111821.	16.4	62
2	Modeling biogas production from anaerobic wastewater treatment plants using radial basis function networks and differential evolution. Computers and Chemical Engineering, 2022, 157, 107629.	3.8	17
3	Impact of prolonged environmental exposure on stress transfer efficiency in poly(p-phenylene) Tj ETQq1 1 0.784314 rgBT /Overlock	4.6	2
4	Preventing colour fading in artworks with graphene veils. Nature Nanotechnology, 2021, 16, 1004-1010.	31.5	22
5	Shape Memory Composite Sandwich Structures with Self-Healing Properties. Polymers, 2021, 13, 3056.	4.5	10
6	Graphene and related materials in hierarchical fiber composites: Production techniques and key industrial benefits. Composites Science and Technology, 2020, 185, 107848.	7.8	36
7	Stress transfer at the nanoscale on graphene ribbons of regular geometry. Nanoscale, 2019, 11, 14354-14361.	5.6	20
8	Enhancing the adhesion of graphene to polymer substrates by controlled defect formation. Nanotechnology, 2019, 30, 015704.	2.6	12
9	A novel mild method for surface treatment of carbon fibres in epoxy-matrix composites. Composites Science and Technology, 2018, 157, 178-184.	7.8	28
10	Strain Engineering in Highly Wrinkled CVD Graphene/Epoxy Systems. ACS Applied Materials & Interfaces, 2018, 10, 43192-43202.	8.0	14
11	An Evaluation of Graphene as a Multi-Functional Heating Element for Biomedical Applications. Journal of Biomedical Nanotechnology, 2018, 14, 86-97.	1.1	4
12	Mechanical Stability of Flexible Graphene-Based Displays. ACS Applied Materials & Interfaces, 2016, 8, 22605-22614.	8.0	56
13	Stress and charge transfer in uniaxially strained CVD graphene. Physica Status Solidi (B): Basic Research, 2016, 253, 2355-2361.	1.5	12
14	Compression behavior of simply-supported and fully embedded monolayer graphene: Theory and experiment. Extreme Mechanics Letters, 2016, 8, 191-200.	4.1	17
15	Stress Transfer Mechanisms at the Submicron Level for Graphene/Polymer Systems. ACS Applied Materials & Interfaces, 2015, 7, 4216-4223.	8.0	105
16	Deformation of Wrinkled Graphene. ACS Nano, 2015, 9, 3917-3925.	14.6	143
17	Epoxidized multi-walled carbon nanotube buckypapers: A scaffold for polymer nanocomposites with enhanced mechanical properties. Chemical Engineering Journal, 2015, 281, 793-803.	12.7	23
18	Thermal stress development in fibrous composites. Materials Letters, 2008, 62, 341-345.	2.6	18

#	ARTICLE	IF	CITATIONS
19	Phonon stress sensitivity for interface characterization of fibrous composites at various temperatures. <i>Acta Materialia</i> , 2007, 55, 3783-3793.	7.9	2
20	Determination of interface integrity in high volume fraction polymer composites at all strain levels. <i>Acta Materialia</i> , 2005, 53, 647-657.	7.9	13
21	An experimental and theoretical study of the stress transfer problem in fibrous composites. <i>Acta Materialia</i> , 2005, 53, 4173-4183.	7.9	18
22	Global method for measuring stress in polymer fibers at elevated temperatures. <i>Applied Physics Letters</i> , 2005, 87, 131910.	3.3	1