

# George Anagnostopoulos

## List of Publications by Year in descending order

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22  
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687363

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677142

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g-index

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all docs

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docs citations

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times ranked

1007  
citing authors

#	ARTICLE	IF	CITATIONS
1	Deformation of Wrinkled Graphene. ACS Nano, 2015, 9, 3917-3925.	14.6	143
2	Stress Transfer Mechanisms at the Submicron Level for Graphene/Polymer Systems. ACS Applied Materials & Interfaces, 2015, 7, 4216-4223.	8.0	105
3	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
4	Mechanical Stability of Flexible Graphene-Based Displays. ACS Applied Materials & Interfaces, 2016, 8, 22605-22614.	8.0	56
5	Graphene and related materials in hierarchical fiber composites: Production techniques and key industrial benefits. Composites Science and Technology, 2020, 185, 107848.	7.8	36
6	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
7	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
8	Preventing colour fading in artworks with graphene veils. Nature Nanotechnology, 2021, 16, 1004-1010.	31.5	22
9	Stress transfer at the nanoscale on graphene ribbons of regular geometry. Nanoscale, 2019, 11, 14354-14361.	5.6	20
10	An experimental and theoretical study of the stress transfer problem in fibrous composites. Acta Materialia, 2005, 53, 4173-4183.	7.9	18
11	Thermal stress development in fibrous composites. Materials Letters, 2008, 62, 341-345.	2.6	18
12	Compression behavior of simply-supported and fully embedded monolayer graphene: Theory and experiment. Extreme Mechanics Letters, 2016, 8, 191-200.	4.1	17
13	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
14	Strain Engineering in Highly Wrinkled CVD Graphene/Epoxy Systems. ACS Applied Materials & Interfaces, 2018, 10, 43192-43202.	8.0	14
15	Determination of interface integrity in high volume fraction polymer composites at all strain levels. Acta Materialia, 2005, 53, 647-657.	7.9	13
16	Stress and charge transfer in uniaxially strained CVD graphene. Physica Status Solidi (B): Basic Research, 2016, 253, 2355-2361.	1.5	12
17	Enhancing the adhesion of graphene to polymer substrates by controlled defect formation. Nanotechnology, 2019, 30, 015704.	2.6	12
18	Shape Memory Composite Sandwich Structures with Self-Healing Properties. Polymers, 2021, 13, 3056.	4.5	10

#	ARTICLE	IF	CITATIONS
19	An Evaluation of Graphene as a Multi-Functional Heating Element for Biomedical Applications. Journal of Biomedical Nanotechnology, 2018, 14, 86-97.	1.1	4
20	Phonon stress sensitivity for interface characterization of fibrous composites at various temperatures. Acta Materialia, 2007, 55, 3783-3793.	7.9	2
21	Impact of prolonged environmental exposure on stress transfer efficiency in poly(p-phenylene) Tj ETQq1 1 0.784314 rgBT /Overlock 4.6	4.6	2
22	Global method for measuring stress in polymer fibers at elevated temperatures. Applied Physics Letters, 2005, 87, 131910.	3.3	1