

# Gc Papanicolaou

## List of Publications by Year in descending order

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30  
papers

700  
citations

567281

15  
h-index

552781

26  
g-index

30  
all docs

30  
docs citations

30  
times ranked

418  
citing authors

#	ARTICLE	IF	CITATIONS
1	The effect of the boundary interphase on the thermomechanical behaviour of composites reinforced with short fibres. <i>Fibre Science and Technology</i> , 1979, 12, 421-433.	0.2	70
2	On the non-linear viscoelastic behaviour of polymer-matrix composites. <i>Composites Science and Technology</i> , 1998, 58, 883-889.	7.8	70
3	The Elastic Longitudinal Modulus and Poisson's Ratio of Fiber Composites. <i>Journal of Reinforced Plastics and Composites</i> , 1985, 4, 396-418.	3.1	54
4	Prediction of the non-linear viscoelastic response of unidirectional fiber composites. <i>Composites Science and Technology</i> , 1999, 59, 1311-1319.	7.8	48
5	Further development of a data reduction method for the nonlinear viscoelastic characterization of FRPs. <i>Composites Part A: Applied Science and Manufacturing</i> , 1999, 30, 839-848.	7.6	38
6	Fiber orientation dependence of continuous carbon/epoxy composites nonlinear viscoelastic behavior. <i>Composites Science and Technology</i> , 2004, 64, 2535-2545.	7.8	35
7	Thermal stresses in fibrous composites incorporating hybrid interphase regions. <i>Composites Science and Technology</i> , 2002, 62, 1881-1894.	7.8	34
8	New approach for residual compressive strength prediction of impacted CFRP laminates. <i>Composites</i> , 1995, 26, 517-523.	0.7	31
9	Effect of thermal shock cycling on the creep behavior of glass-epoxy composites. <i>Composite Structures</i> , 2009, 88, 436-442.	5.8	31
10	The Effect of Filler-Volume Fraction on Crack-Propagation Behavior of Particulate Composites. <i>Journal of Composite Materials</i> , 1981, 15, 41-54.	2.4	30
11	Thermal stress concentration due to imperfect adhesion in fiber-reinforced composites. <i>Composites Science and Technology</i> , 1997, 57, 687-696.	7.8	30
12	Title is missing!. <i>Journal of Materials Science</i> , 1997, 32, 931-936.	3.7	24
13	Physical model for the thermal expansion behaviour of fibre-reinforced viscoelastic composites. <i>Fibre Science and Technology</i> , 1981, 15, 187-197.	0.2	23
14	Structural Integrity Studies in Particulate Composites by Means of Thermal Capacity Measurements. <i>Journal of Reinforced Plastics and Composites</i> , 1982, 1, 92-106.	3.1	21
15	Prediction of the residual tensile strengths of carbon-fiber/epoxy laminates with and without interleaves after solid particle erosion. <i>Composites Science and Technology</i> , 2002, 62, 121-130.	7.8	19
16	Viscoelastic constitutive modeling of creep and stress relaxation in polymers and polymer matrix composites. , 2019, , 3-59.		19
17	Viscoelastic constitutive modeling of creep and stress relaxation in polymers and polymer matrix composites. , 2011, , 3-47.		17
18	Effect of the interface stiffness and skin-core adhesion efficiency on the interfacial stress distribution of sandwich structures. <i>Composites Part A: Applied Science and Manufacturing</i> , 2007, 38, 1099-1106.	7.6	14

#	ARTICLE	IF	CITATIONS
19	The Effect of Filler-Volume Fraction and Strain Rate on the Tensile Properties of Iron- Epoxy Particulate Composites. <i>Journal of Reinforced Plastics and Composites</i> , 1982, 1, 206-224.	3.1	13
20	Thermal expansivities in fibrous composites incorporating hybrid interphase regions. <i>Composite Structures</i> , 2009, 88, 542-547.	5.8	11
21	Transition properties of pretreated asbestos-filled epoxy polymers. <i>Materials Chemistry and Physics</i> , 1987, 17, 531-540.	4.0	9
22	Dependence of the impact strength of particulate composites on the temperature and filler volume fraction. <i>Materials Chemistry and Physics</i> , 1987, 18, 49-56.	4.0	9
23	Static and dynamic behavior of single-edge notched glass fabric composites. <i>Polymer Composites</i> , 2006, 27, 177-183.	4.6	9
24	Impact strength of recycled thermoplastic composites subjected to corrosive environment. <i>Polymer Composites</i> , 2008, 29, 1026-1035.	4.6	9
25	On the influence of preloading in the nonlinear viscoelastic-viscoplastic response of carbon-epoxy composites. <i>Composites Science and Technology</i> , 2010, 70, 922-929.	7.8	9
26	Modeling the mechanical properties of notched aluminum-epoxy particulate composites. <i>Journal of Applied Polymer Science</i> , 2012, 126, 559-568.	2.6	9
27	Effect of fibre pre-treatment on thermal characteristics of asbestos-nylon-epoxy composites. <i>Composites Science and Technology</i> , 1988, 31, 261-272.	7.8	8
28	Experimental and numerical investigation of unbalanced boron/epoxy-aluminum single lap joints subjected to a corrosive environment. <i>Journal of Composite Materials</i> , 2016, 50, 145-157.	2.4	6
29	Skin - Core Interfacial Stress Distribution in Al - CFRP Sandwich Structures Subjected to Thermal Fatigue. <i>Science and Engineering of Composite Materials</i> , 2010, 17, 283-296.	1.4	0
30	EFFECT OF HYGROTHERMAL AGING ON THE LOW ENERGY IMPACT BEHAVIOUR OF FIBRE-REINFORCED POLYMERS. , 2000, , 267-275.		0