

# Fengge Gao

## List of Publications by Year in descending order

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20  
papers

911  
citations

687363

13  
h-index

752698

20  
g-index

21  
all docs

21  
docs citations

21  
times ranked

1155  
citing authors

#	ARTICLE	IF	CITATIONS
1	Investigation of the nanomechanical properties of nylon 6 and nylon 6/clay nanocomposites at sub-ambient temperatures. <i>Journal of Experimental Nanoscience</i> , 2016, 11, 695-706.	2.4	11
2	Probing polymer chain constraint and synergistic effects in nylon 6-clay nanocomposites and nylon 6-silica flake sub-micro composites with nanomechanics. <i>Nanocomposites</i> , 2015, 1, 185-194.	4.2	4
3	Influence of polymerisation conditions on the properties of polymer/clay nanocomposite hydrogels. <i>Soft Matter</i> , 2014, 10, 2035.	2.7	16
4	Dielectric response of various partially cured epoxy nanocomposites. <i>IEEE Transactions on Dielectrics and Electrical Insulation</i> , 2013, 20, 580-591.	2.9	17
5	Onium-Functionalised Polymers in the Design of Non-Leaching Antimicrobial Surfaces. <i>Macromolecular Materials and Engineering</i> , 2012, 297, 1038-1074.	3.6	24
6	A preliminary study of the surface properties of earthworms and their relations to non-stain behaviour. <i>Journal of Bionic Engineering</i> , 2010, 7, 13-18.	5.0	12
7	Permanent, Non-Leaching Antimicrobial Polyamide Nanocomposites Based on Organoclays Modified with a Cationic Polymer. <i>Macromolecular Materials and Engineering</i> , 2009, 294, 795-805.	3.6	27
8	Polymer-layered silicate nanocomposites in the design of antimicrobial materials. <i>Journal of Materials Science</i> , 2008, 43, 5728-5733.	3.7	75
9	A mechanistic study of fire retardancy of carbon nanotube/ethylene vinyl acetate copolymers and their clay composites. <i>Polymer Degradation and Stability</i> , 2005, 89, 559-564.	5.8	84
10	Strain amplitude response and the microstructure of PA/clay nanocomposites. <i>Polymer</i> , 2005, 46, 6429-6436.	3.8	42
11	Nanoscale repetitive impact testing of polymer films. <i>Journal of Materials Research</i> , 2004, 19, 237-247.	2.6	28
12	Clay/polymer composites: the story. <i>Materials Today</i> , 2004, 7, 50-55.	14.2	294
13	Nanoindentation Behavior of Clay/Poly(Ethylene Oxide) Nanocomposites. <i>Journal of Nanoscience and Nanotechnology</i> , 2002, 2, 73-79.	0.9	59
14	Layer expansion of layered silicates in solid polymer matrices by compression. <i>Journal of Materials Science Letters</i> , 2001, 20, 1807-1810.	0.5	12
15	Flame retardance in some polystyrenes and poly(methyl methacrylate)s with covalently bound phosphorus-containing groups: initial screening experiments and some laser pyrolysis mechanistic studies. <i>Polymer Degradation and Stability</i> , 2000, 69, 267-277.	5.8	129
16	Laser pyrolysis/time-of-flight mass spectrometry studies pertinent to the behaviour of flame-retarded polymers in real fire situations. <i>Polymer Degradation and Stability</i> , 1999, 64, 403-410.	5.8	20
17	Towards the optimisation of the densification of pan-based carbon-fibre-reinforced carbon laminates. <i>Composites Science and Technology</i> , 1997, 57, 483-490.	7.8	7
18	Computerization of Spectral Recording and Processing for Laser-Pyrolysis/Time-of-flight Mass Spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 1997, 11, 791-795.	1.5	3

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19	Multiple CVD densification of PAN-based carbon-fibre reinforced carbon laminates. Carbon, 1994, 32, 1215-1222.	10.3	7
20	The characterisation of cracks and voids in two-dimensional carbon-carbon composites. Carbon, 1993, 31, 103-108.	10.3	40