

# Guojian Wang

## List of Publications by Year in descending order

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Version: 2024-02-01

43  
papers

1,320  
citations

361296  
20  
h-index

345118  
36  
g-index

43  
all docs

43  
docs citations

43  
times ranked

1337  
citing authors

#	ARTICLE	IF	CITATIONS
1	Research on highly flame-retardant rigid PU foams by combination of nanostructured additives and phosphorus flame retardants. <i>Polymer Degradation and Stability</i> , 2015, 111, 142-150.	2.7	109
2	Carbon Nanotube Fiber Based Stretchable Conductor. <i>Advanced Functional Materials</i> , 2013, 23, 789-793.	7.8	104
3	Roles of organically-modified montmorillonite and phosphorous flame retardant during the combustion of rigid polyurethane foam. <i>Polymer Degradation and Stability</i> , 2014, 101, 32-39.	2.7	88
4	Influences of binder on fire protection and anticorrosion properties of intumescent fire resistive coating for steel structure. <i>Surface and Coatings Technology</i> , 2010, 204, 1186-1192.	2.2	83
5	Influences of glass flakes on fire protection and water resistance of waterborne intumescent fire resistive coating for steel structure. <i>Progress in Organic Coatings</i> , 2011, 70, 150-156.	1.9	73
6	Influences of montmorillonite on fire protection, water and corrosion resistance of waterborne intumescent fire retardant coating for steel structure. <i>Surface and Coatings Technology</i> , 2014, 239, 177-184.	2.2	70
7	The novel silicon-containing epoxy/PEPA phosphate flame retardant for transparent intumescent fire resistant coating. <i>Applied Surface Science</i> , 2016, 385, 453-463.	3.1	66
8	Study on the surface energies and dispersibility of graphene oxide and its derivatives. <i>Journal of Materials Science</i> , 2015, 50, 3895-3907.	1.7	55
9	The novel epoxy/PEPA phosphate flame retardants: Synthesis, characterization and application in transparent intumescent fire resistant coatings. <i>Progress in Organic Coatings</i> , 2016, 97, 1-9.	1.9	55
10	Synthesis of a novel phosphorus-containing polymer and its application in amino intumescent fire resistant coating. <i>Progress in Organic Coatings</i> , 2013, 76, 188-193.	1.9	51
11	Thermal degradation study of fire resistive coating containing melamine polyphosphate and dipentaerythritol. <i>Progress in Organic Coatings</i> , 2011, 72, 605-611.	1.9	50
12	Preparation and properties of graphene oxide/polyimide composites by in situ polymerization and thermal imidization process. <i>High Performance Polymers</i> , 2017, 29, 187-196.	0.8	40
13	Study on the preparation and properties of novel transparent fire-resistive coatings. <i>Journal of Coatings Technology Research</i> , 2013, 10, 717-726.	1.2	32
14	Influences of expandable graphite modified by polyethylene glycol on fire protection of waterborne intumescent fire resistive coating. <i>Surface and Coatings Technology</i> , 2010, 204, 3599-3605.	2.2	29
15	A Scalable Distributed Architecture for Intelligent Vision System. <i>IEEE Transactions on Industrial Informatics</i> , 2012, 8, 91-99.	7.2	29
16	Influence of thermal behavior of phosphorus compounds on their flame retardant effect in PU rigid foam. <i>Fire and Materials</i> , 2016, 40, 826-835.	0.9	27
17	Influences of polymerization degree of ammonium polyphosphate on fire protection of waterborne intumescent fire resistive coating. <i>Surface and Coatings Technology</i> , 2012, 206, 2275-2280.	2.2	25
18	Influence of nano-boron nitride on anti-aging property of waterborne fire-resistive coatings. <i>Journal of Coatings Technology Research</i> , 2014, 11, 805-815.	1.2	24

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19	Investigation of the effect of foaming process parameters on expanded thermoplastic polyurethane bead foams properties using response surface methodology. <i>Journal of Applied Polymer Science</i> , 2018, 135, 46327.	1.3	23
20	An intumescent flame retardant containing caged bicyclic phosphate and oligomer: Synthesis, thermal properties and application in intumescent fire resistant coating. <i>Progress in Organic Coatings</i> , 2016, 90, 83-90.	1.9	21
21	Preparation of transparent ultrahydrophobic silica film by sol-gel process. <i>Journal of Coatings Technology Research</i> , 2011, 8, 53-60.	1.2	20
22	Influence of degree of polymerization of ammonium polyphosphate on anti-aging property of waterborne fire resistive coatings. <i>Surface and Coatings Technology</i> , 2014, 246, 71-76.	2.2	19
23	Influence of nano-boron nitride on fire protection of waterborne fire-resistive coatings. <i>Journal of Coatings Technology Research</i> , 2014, 11, 265-272.	1.2	19
24	Mechanism of smoke suppression by melamine in rigid polyurethane foam. <i>Fire and Materials</i> , 2015, 39, 271-282.	0.9	18
25	Application of the long-chain linear polyester in plastification of PVC. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2008, 23, 100-104.	0.4	17
26	Self-Assembly of Carbon Nanotubes Modified by Amphiphilic Block Polymers in Selective Solvent. <i>Macromolecular Chemistry and Physics</i> , 2009, 210, 2070-2077.	1.1	16
27	Influences of silicone emulsion on fire protection of waterborne intumescent fire-resistive coating. <i>Journal of Coatings Technology Research</i> , 2014, 11, 231-237.	1.2	15
28	Preparation and characterization of amphiphilic multi-walled carbon nanotubes. <i>Journal of Nanoparticle Research</i> , 2008, 10, 659-663.	0.8	14
29	Influence of PEPA-containing polyether structure on fire protection of transparent fire-resistant coatings. <i>Journal of Coatings Technology Research</i> , 2016, 13, 457-468.	1.2	14
30	Influence of molecular weight of PEG on thermal and fire protection properties of PEPA-containing polyether flame retardants with high water solubility. <i>Progress in Organic Coatings</i> , 2016, 90, 390-398.	1.9	14
31	Preparation of functional reduced graphene oxide and its influence on the properties of polyimide composites. <i>Journal of Applied Polymer Science</i> , 2017, 134, 45119.	1.3	14
32	Synthesis and characterization of poly(ether-block-amide) and application as permanent antistatic agent. <i>Journal of Applied Polymer Science</i> , 2010, 118, 2448-2453.	1.3	13
33	Influence of caged bicyclic phosphate and CaCO <sub>3</sub> nanoparticles on char-forming property of PU rigid foams. <i>Polymer Degradation and Stability</i> , 2013, 98, 2323-2330.	2.7	13
34	Interfacial morphology and friction properties of thin PEO and PEO/PAA blend films. <i>Applied Surface Science</i> , 2011, 257, 1952-1959.	3.1	10
35	Influence of structure of amines on the properties of amine-modified reduced graphene oxide/polyimide composites. <i>Journal of Applied Polymer Science</i> , 2016, 133, .	1.3	10
36	Synthesis of polyhydric alcohol/ethanol phosphate flame retardant and its application in PU rigid foams. <i>Journal of Applied Polymer Science</i> , 2015, 132, .	1.3	8

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37	Self-assembly behavior of carbon nanotubes modified by amphiphilic block copolymer. <i>Colloid and Polymer Science</i> , 2010, 288, 1677-1685.	1.0	7
38	The Preparation and Performance of Phenolic Foams Modified by Active Polypropylene Glycol. <i>Frontiers in Forests and Global Change</i> , 2013, 32, 155-172.	0.6	7
39	Preparation of a functional reduced graphene oxide and carbon nanotube hybrid and its reinforcement effects on the properties of polyimide composites. <i>Journal of Applied Polymer Science</i> , 2017, 134, .	1.3	7
40	Preparation of open cell rigid polyurethane foams and modified with organo-kaolin. <i>Journal of Cellular Plastics</i> , 2020, 56, 435-447.	1.2	7
41	Influence of hydrothermal aging process on components and properties of waterborne fire-resistive coatings. <i>Journal of Coatings Technology Research</i> , 2014, 11, 207-216.	1.2	3
42	Flexible Composites: Carbon Nanotube Fiber Based Stretchable Conductor ( <i>Adv. Funct. Mater.</i> 7/2013). <i>Advanced Functional Materials</i> , 2013, 23, 916-916.	7.8	1
43	Analysis of the genotype-phenotype correlation of MYO15A variants in Chinese non-syndromic hearing loss patients. <i>BMC Medical Genomics</i> , 2022, 15, 71.	0.7	0