

# Qingliang He

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7781086/publications.pdf>

Version: 2024-02-01

58  
papers

3,638  
citations

109321  
35  
h-index

149698  
56  
g-index

61  
all docs

61  
docs citations

61  
times ranked

4225  
citing authors

#	ARTICLE	IF	CITATIONS
1	Theoretical analysis and numerical simulation of electromagnetic parameters of Fe-C coaxial single fiber. Journal of Magnetism and Magnetic Materials, 2017, 432, 154-163.	2.3	2
2	Applications of Calorimetry on Polymer Nanocomposites. , 2016, , 243-254.		0
3	Selectively assembled 2D microarrays from binary nanocrystals. CrystEngComm, 2016, 18, 3008-3014.	2.6	6
4	Mössbauer spectroscopy of polymer nanocomposites. , 2016, , 393-409.		3
5	Manipulating the dimensional assembly pattern and crystalline structures of iron oxide nanostructures with a functional polyolefin. Nanoscale, 2016, 8, 1915-1920.	5.6	4
6	Study of the Synergistic Effect of Nanoporous Nickel Phosphates on Novel Intumescent Flame Retardant Polypropylene Composites. Journal of Spectroscopy, 2015, 2015, 1-7.	1.3	21
7	Carboxyl Multiwalled Carbon Nanotube Stabilized Palladium Nanocatalysts toward Improved Methanol Oxidation Reaction. ChemElectroChem, 2015, 2, 559-570.	3.4	49
8	Enhanced flame retardancy of cotton fabrics with a novel intumescent flame-retardant finishing system. Fibers and Polymers, 2015, 16, 388-396.	2.1	39
9	Animal Feeds Extracted from Excess Sludge by Enzyme, Acid and Base Hydrolysis Processes. ACS Sustainable Chemistry and Engineering, 2015, 3, 2084-2091.	6.7	16
10	Transparent anhydride-cured epoxy nanocomposites reinforced with polyaniline stabilized nanosilica. Journal of Materials Chemistry C, 2015, 3, 8152-8165.	5.5	45
11	Preparation and enhanced properties of Fe <sub>3</sub> O <sub>4</sub> nanoparticles reinforced polyimide nanocomposites. Superlattices and Microstructures, 2015, 85, 305-320.	3.1	39
12	Multiwalled Carbon Nanotubes Compositied with Palladium Nanocatalysts for Highly Efficient Ethanol Oxidation. Journal of the Electrochemical Society, 2015, 162, F755-F763.	2.9	36
13	Electrically Conductive Polypropylene Nanocomposites with Negative Permittivity at Low Carbon Nanotube Loading Levels. ACS Applied Materials & Interfaces, 2015, 7, 6125-6138.	8.0	153
14	Optimal Electrocatalytic Pd/MWNTs Nanocatalysts toward Formic Acid Oxidation. Electrochimica Acta, 2015, 184, 452-465.	5.2	27
15	Ultrafine FePd Nanoalloys Decorated Multiwalled Carbon Nanotubes toward Enhanced Ethanol Oxidation Reaction. ACS Applied Materials & Interfaces, 2015, 7, 23920-23931.	8.0	56
16	Advanced asymmetric supercapacitors based on CNT@Ni(OH) <sub>2</sub> core-shell composites and 3D graphene networks. Journal of Materials Chemistry A, 2015, 3, 19545-19555.	10.3	138
17	Polypyrrole doped epoxy resin nanocomposites with enhanced mechanical properties and reduced flammability. Journal of Materials Chemistry C, 2015, 3, 162-176.	5.5	88
18	Flame Retardant Polypropylene/Multiwall Carbon Nanotube Nanocomposites: Effects of Surface Functionalization and Surfactant Molecular Weight. Macromolecular Chemistry and Physics, 2014, 215, 327-340.	2.2	75

#	ARTICLE	IF	CITATIONS
19	Magnetic Polystyrene Nanocomposites Reinforced with Magnetite Nanoparticles. <i>Macromolecular Materials and Engineering</i> , 2014, 299, 485-494.	3.6	28
20	Magnetoresistive polyaniline/multi-walled carbon nanotube nanocomposites with negative permittivity. <i>Nanoscale</i> , 2014, 6, 181-189.	5.6	77
21	Electromagnetic Field Absorbing Polypropylene Nanocomposites with Tuned Permittivity and Permeability by Nanoiron and Carbon Nanotubes. <i>Journal of Physical Chemistry C</i> , 2014, 118, 24784-24796.	3.1	86
22	One-pot synthesis of size- and morphology-controlled 1-D iron oxide nanochains with manipulated magnetic properties. <i>Chemical Communications</i> , 2014, 50, 201-203.	4.1	28
23	Magnetic graphene oxide nanocomposites: nanoparticles growth mechanism and property analysis. <i>Journal of Materials Chemistry C</i> , 2014, 2, 9478-9488.	5.5	92
24	Unusual Function of Modified Polyolefins for Manipulating Magnetic Nanostructures. <i>Jom</i> , 2014, 66, 655-659.	1.9	1
25	Highly Monodisperse Sub- $\mu$ m Spherical Poly(glycidyl methacrylate) Nanocomposites with Highly Stabilized Gold Nanoparticles. <i>Macromolecular Chemistry and Physics</i> , 2014, 215, 1098-1106.	2.2	13
26	Synthesis of Highly Efficient Flame Retardant High-Density Polyethylene Nanocomposites with Inorgano-Layered Double Hydroxides As Nanofiller Using Solvent Mixing Method. <i>ACS Applied Materials &amp; Interfaces</i> , 2014, 6, 5094-5104.	8.0	110
27	Strain Sensitive Polyurethane Nanocomposites Reinforced with Multiwalled Carbon Nanotubes. <i>Energy and Environment Focus</i> , 2014, 3, 85-93.	0.3	11
28	Strengthened magnetic epoxy nanocomposites with protruding nanoparticles on the graphene nanosheets. <i>Polymer</i> , 2013, 54, 3594-3604.	3.8	150
29	Catalytic and synergistic effects on thermal stability and combustion behavior of polypropylene: influence of maleic anhydride grafted polypropylene stabilized cobalt nanoparticles. <i>Journal of Materials Chemistry A</i> , 2013, 1, 13064.	10.3	47
30	Iron-core carbon-shell nanoparticles reinforced electrically conductive magnetic epoxy resin nanocomposites with reduced flammability. <i>RSC Advances</i> , 2013, 3, 9453.	3.6	49
31	An overview of the engineered graphene nanostructures and nanocomposites. <i>RSC Advances</i> , 2013, 3, 22790.	3.6	180
32	Morphology and phase controlled cobalt nanostructures in magnetic polypropylene nanocomposites: the role of alkyl chain-length in maleic anhydride grafted polypropylene. <i>Chemical Communications</i> , 2013, 49, 2679.	4.1	34
33	Flame-Retardant Electrical Conductive Nanopolymers Based on Bisphenol F Epoxy Resin Reinforced with Nano Polyanilines. <i>ACS Applied Materials &amp; Interfaces</i> , 2013, 5, 898-910.	8.0	179
34	Fluorescent electrospun polyvinyl alcohol/CdSe@ZnS nanocomposite fibers. <i>Journal of Composite Materials</i> , 2013, 47, 3175-3185.	2.4	39
35	Giant Magnetoresistive Phosphoric Acid Doped Polyaniline-Silica Nanocomposites. <i>Journal of Physical Chemistry C</i> , 2013, 117, 6426-6436.	3.1	70
36	Polyaniline stabilized barium titanate nanoparticles reinforced epoxy nanocomposites with high dielectric permittivity and reduced flammability. <i>Journal of Materials Chemistry C</i> , 2013, 1, 2886.	5.5	102

#	ARTICLE	IF	CITATIONS
37	Flame-Retardant Epoxy Resin Nanocomposites Reinforced with Polyaniline-Stabilized Silica Nanoparticles. <i>Industrial &amp; Engineering Chemistry Research</i> , 2013, 52, 7718-7728.	3.7	155
38	Magnetically Soft and Hard Polypropylene/Cobalt Nanocomposites: Role of Maleic Anhydride Grafted Polypropylene. <i>Macromolecules</i> , 2013, 46, 2357-2368.	4.8	51
39	Magnetic Polyolefin-based Nanocomposites. <i>Materials Research Society Symposia Proceedings</i> , 2013, 1499, 1.	0.1	0
40	Property manipulated polypropylene-iron nanocomposites with maleic anhydride polypropylene. <i>Journal of Materials Chemistry</i> , 2012, 22, 15928.	6.7	27
41	Magnetic high density polyethylene nanocomposites reinforced with in-situ synthesized Fe@FeO core-shell nanoparticles. <i>Polymer</i> , 2012, 53, 3642-3652.	3.8	83
42	Evaluation of three flame retardant (FR) grey cotton blend nonwoven fabrics using micro-scale combustion calorimeter. <i>Journal of Fire Sciences</i> , 2012, 30, 187-200.	2.0	11
43	Textile heat release properties measured by microscale combustion calorimetry: experimental repeatability. <i>Fire and Materials</i> , 2012, 36, 127-137.	2.0	37
44	Morphology- and Phase-Controlled Iron Oxide Nanoparticles Stabilized with Maleic Anhydride Grafted Polypropylene. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 8842-8845.	13.8	65
45	Cross-Linking Cotton Cellulose by the Combination of Maleic Acid and Sodium Hypophosphite. 2. Fabric Fire Performance. <i>Industrial &amp; Engineering Chemistry Research</i> , 2011, 50, 5889-5897.	3.7	29
46	Applications of micro-scale combustion calorimetry to the studies of cotton and nylon fabrics treated with organophosphorus flame retardants. <i>Journal of Analytical and Applied Pyrolysis</i> , 2011, 91, 125-133.	5.5	64
47	Flame retardant finishing of cotton fleece: part VII. Polycarboxylic acids with different numbers of functional group. <i>Cellulose</i> , 2010, 17, 859-870.	4.9	28
48	Investigation of the flammability of different textile fabrics using micro-scale combustion calorimetry. <i>Polymer Degradation and Stability</i> , 2010, 95, 108-115.	5.8	177
49	Cross-Linking Cotton Cellulose by the Combination of Maleic Acid and Sodium Hypophosphite. 1. Fabric Wrinkle Resistance. <i>Industrial &amp; Engineering Chemistry Research</i> , 2010, 49, 8325-8332.	3.7	63
50	Flammability and Thermal Properties of a Novel Intumescent Flame Retardant Polypropylene. <i>Journal of Fire Sciences</i> , 2009, 27, 303-321.	2.0	23
51	Synergistic effects of polyhedral oligomeric silsesquioxane (POSS) and oligomeric bisphenyl A bis(diphenyl phosphate) (BDP) on thermal and flame retardant properties of polycarbonate. <i>Journal of Materials Science</i> , 2009, 44, 1308-1316.	3.7	96
52	The bonding of a hydroxy-functional organophosphorus oligomer to nylon fabric using the formaldehyde derivatives of urea and melamine as the bonding agents. <i>Polymer Degradation and Stability</i> , 2009, 94, 1023-1031.	5.8	42
53	Study on thermal degradation and combustion behaviors of PC/POSS hybrids. <i>Polymer Degradation and Stability</i> , 2008, 93, 627-639.	5.8	139
54	Mechanical properties, fire performance and thermal stability of magnesium hydroxide sulfate hydrate whiskers flame retardant silicone rubber. <i>Journal of Materials Science</i> , 2008, 43, 1057-1062.	3.7	143

#	ARTICLE	IF	CITATIONS
55	Study of nylon 66â€“clay nanocomposites via condensation polymerization. Colloid and Polymer Science, 2008, 286, 721-727.	2.1	20
56	Synergistic effect between a char forming agent (CFA) and microencapsulated ammonium polyphosphate on the thermal and flame retardant properties of polypropylene. Polymers for Advanced Technologies, 2008, 19, 1077-1083.	3.2	185
57	Preparation, thermal and flammability properties of a novel form-stable phase change materials based on high density polyethylene/poly(ethylene-co-vinyl acetate)/organophilic montmorillonite nanocomposites/paraffin compounds. Energy Conversion and Management, 2008, 49, 2055-2062.	9.2	68
58	Study on Crystallization, Thermal and Flame Retardant Properties of Nylon 66/Organoclay Nanocomposites by in situ Polymerization. Journal of Fire Sciences, 2008, 26, 475-492.	2.0	26