# He-qing Fu

List of Publications by Year
in descending order

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|---|---|---|---|
| 64 papers | 1,217 citations | 430442 18 h-index | 414034 32 g-index |
| 64 all docs | 64 docs citations | 64 times ranked | 1104 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Study on a novel fluorescent anti-counterfeiting acrylate pressure-sensitive adhesive. Journal of Adhesion, 2022, 98, 1151-1167. | 1.8 | 1 |
| 2 | Room temperature self-healing and recyclable conductive composites for flexible electronic devices based on imine reversible covalent bond. Journal of Alloys and Compounds, 2022, 894, 162433. | 2.8 | 13 |
| 3 | Theoretical insights into CO<sub>2</sub> reduction reaction on a CuPc/graphene single-atomic catalyst. New Journal of Chemistry, 2022, 46, 1353-1361. | 1.4 | 3 |
| 4 | Room temperature self-healing CIP/PDA/MWCNTs composites based on imine reversible covalent bond as microwave absorber. Reactive and Functional Polymers, 2022, 172, 105179. | 2.0 | 8 |
| 5 | Selfâ€Healing, Waterâ€Retaining, Antifreeze, Conductive PVA/PAAâ€PAMâ€IS/GC Composite Hydrogels for Strain and Temperature Sensors. Macromolecular Materials and Engineering, 2022, 307, . | 1.7 | 12 |
| 6 | Ultralight, compressible and superhydrophobic hybrid foam with highly efficient electromagnetic interference shielding in damping and high humidity environment. Journal of Alloys and Compounds, 2022, 911, 165086. | 2.8 | 15 |
| 7 | Study on <scp>UV</scp>/sunlight curable <scp>selfâ€healing</scp> topological polysulfide polymer network based on disulfide exchange. Polymers for Advanced Technologies, 2021, 32, 2252-2261. | 1.6 | 4 |
| 8 | Study on polyurethaneâ€acrylate/cerium dioxide modified by 3â€(Methylacryloxyl)propyltrimethoxy silane and its UV absorption property. Journal of Applied Polymer Science, 2021, 138, 50760. | 1.3 | 2 |
| 9 | Highly Elastic Anti-fatigue and Anti-freezing Conductive Double Network Hydrogel for Human Body Sensors. Industrial & Engineering Chemistry Research, 2021, 60, 6162-6172. | 1.8 | 28 |
| 10 | Study on novel rosinâ€based polyurethane reactive hot melt adhesive. Polymers for Advanced Technologies, 2021, 32, 4415-4423. | 1.6 | 7 |
| 11 | Boosted Interfacial Polarization from the Multidimensional Coreâ€“Shellâ€“Flat Heterostructure CNP@PDA@GO/rGO for Enhanced Microwave Absorption. Industrial & Engineering Chemistry Research, 2021, 60, 12343-12352. | 1.8 | 18 |
| 12 | Multiple interfacial polarization from 3D net-like ZnO@MWCNTs@NiFe2O4 nanocomposites as broadband microwave absorbers. Journal of Alloys and Compounds, 2021, 877, 160300. | 2.8 | 19 |
| 13 | Synergistic microstructure of sandwich-like NiFe2O4@SiO2@MXene nanocomposites for enhancement of microwave absorption in the whole Ku-band. Composites Part B: Engineering, 2021, 224, 109178. | 5.9 | 74 |
| 14 | Self-healing, conductive and magnetic ZnFe2O4/MCNT/PPy ternary composite hydrogels. Journal of Alloys and Compounds, 2021, 886, 161083. | 2.8 | 12 |
| 15 | Bio-based coatings with liquid repellency for various applications. Chemical Engineering Journal, 2020, 382, 123042. | 6.6 | 40 |
| 16 | Preparation of novel hydrophobic magnetic Fe<sub>3</sub>O<sub>4</sub>/waterborne polyurethane nanocomposites. Journal of Applied Polymer Science, 2020, 137, 48546. | 1.3 | 4 |
| 17 | Preparation and study of Al2O3@PPy@rGO composites with microwave absorption properties. Journal of Alloys and Compounds, 2020, 832, 152957. | 2.8 | 22 |
| 18 | Bisphosphoric modified amino functional [ x Fe 3 O 4 â€“ 2 x Al(OH) 3 ]/waterborne polyurethane nanocomposite with superparamagnetism and flame retardancy. Polymers for Advanced Technologies, 2020, 31, 338-349. | 1.6 | 6 |

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|---|---|---|---|
| 19 | Study on novel flame retarded LDH-TDI-HEA-VTES-acrylate composites and their flame retardant mechanism. Reactive and Functional Polymers, 2020, 147, 104371. | 2.0 | 17 |
| 20 | A self-healing flexible urea-g-MWCNTs/poly(urethane-sulfide) nanocomposite for sealing electronic devices. Journal of Materials Chemistry C, 2020, 8, 607-618. | 2.7 | 15 |
| 21 | Tough and stretchable Fe3O4/MoS2/PAni composite hydrogels with conductive and magnetic properties. Composites Part B: Engineering, 2020, 182, 107623. | 5.9 | 40 |
| 22 | Magnetic self-healing nanocomposite material introduced by thiol-epoxy click reaction. Reactive and Functional Polymers, 2020, 157, 104744. | 2.0 | 6 |
| 23 | Study on mussel-inspired tough TA/PANI@CNCs nanocomposite hydrogels with superior self-healing and self-adhesive properties for strain sensors. Composites Part B: Engineering, 2020, 201, 108356. | 5.9 | 74 |
| 24 | Self-healable ZnO@ multiwalled carbon nanotubes (MWCNTs) /DA-PDMS nanocomposite via Diels-Alder chemistry as microwave absorber: A novel multifunctional material. Carbon, 2020, 169, 235-247. | 5.4 | 33 |
| 25 | Fabrication of Magnetically Inorganic/Organic Superhydrophobic Fabrics and Their Applications. ACS Applied Materials & Interfaces, 2020, 12, 45296-45305. | 4.0 | 35 |
| 26 | Preparation of water-borne non-fluorinated anti-smudge surfaces and their applications. Progress in Organic Coatings, 2020, 142, 105581. | 1.9 | 10 |
| 27 | Research on WPUâ€RGO/ATPâ€Fe<sub>3</sub>O<sub>4</sub>/chitosan composites with excellent electrical and magnetic properties. Polymers for Advanced Technologies, 2020, 31, 1164-1171. | 1.6 | 4 |
| 28 | A reversible and highly conductive adhesive: towards self-healing and recyclable flexible electronics. Journal of Materials Chemistry C, 2020, 8, 7772-7785. | 2.7 | 16 |
| 29 | An ultrasensitive and highly compressive piezoresistive sensor based on a biopolyol-reinforced polyurethane sponge coated with silver nanoparticles and carbon nanotubes/cellulose nanocrystals. Journal of Materials Chemistry C, 2020, 8, 16603-16614. | 2.7 | 20 |
| 30 | Preparation of super hydrophobic mMoS2/PDMS coating for fabrics. Reactive and Functional Polymers, 2019, 143, 104315. | 2.0 | 17 |
| 31 | Fabrication of flower clustersâ€like superhydrophobic surface via a UV curable coating of ODA and Vâ€PDMS. Journal of Applied Polymer Science, 2019, 136, 48210. | 1.3 | 8 |
| 32 | Polyurethane acrylate-supported rGO/TiO<sub>2</sub> electrical conductive and antibacterial nanocomposites. International Journal of Polymeric Materials and Polymeric Biomaterials, 2019, 68, 319-327. | 1.8 | 5 |
| 33 | Robust Hyperbranched Polyester-Based Anti-Smudge Coatings for Self-Cleaning, Anti-Graffiti, and Chemical Shielding. ACS Applied Materials & Interfaces, 2019, 11, 14305-14312. | 4.0 | 74 |
| 34 | Fabrication of UV curable coating for super hydrophobic cotton fabrics. Polymer Engineering and Science, 2019, 59, E452. | 1.5 | 15 |
| 35 | In situ growth of BaTiO3 nanotube on the surface of reduced graphene oxide: A lightweight electromagnetic absorber. Journal of Alloys and Compounds, 2019, 773, 423-431. | 2.8 | 30 |
| 36 | A novel UV/sunlight-curable anti-smudge coating system for various substrates. Chemical Engineering Journal, 2018, 345, 659-668. | 6.6 | 42 |

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|---|---|---|---|
| 37 | Modification of chitosan-Fe<sub>3</sub>O<sub>4</sub>microspheres with isophorone diisocyanate and formation of polyurethane/mchitosan-Fe<sub>3</sub>O<sub>4</sub>antimicrobial polymer. International Journal of Polymeric Materials and Polymeric Biomaterials, 2018, 67, 711-719. | 1.8 | 3 |
| 38 | Synthesis and properties of electrical conductive and antibacterial siloxane-modified carbon fiberâ€“silverâ€“acrylate nanocomposites. International Journal of Polymeric Materials and Polymeric Biomaterials, 2018, 67, 951-960. | 1.8 | 1 |
| 39 | Preparation and Study of Novel Modified [(1-x)MnO<sub>2</sub>-xMWCNTs]/Waterborne Polyurethane Composites with Microwave Absorption Properties. Industrial & Engineering Chemistry Research, 2018, 57, 13406-13416. | 1.8 | 16 |
| 40 | Self-Cleaning, Chemically Stable, Reshapeable, Highly Conductive Nanocomposites for Electrical Circuits and Flexible Electronic Devices. ACS Applied Materials & Interfaces, 2018, 10, 25697-25705. | 4.0 | 10 |
| 41 | UV-curable polyurethane acrylateâ€“Ag/TiO<sub>2</sub> nanocomposites with superior UV light antibacterial activity. International Journal of Polymeric Materials and Polymeric Biomaterials, 2017, 66, 835-843. | 1.8 | 13 |
| 42 | Synthesis of Silanized MoS<sub>2</sub>/Reduced Graphene Oxide for Strong Radar Wave Absorption. Industrial & Engineering Chemistry Research, 2017, 56, 10667-10677. | 1.8 | 47 |
| 43 | Preparation and characterization of novel modified halloysite-Fe<sub>3</sub>O<sub>4</sub>-Ag/polyurea nanocomposites with antibacterial property. International Journal of Polymeric Materials and Polymeric Biomaterials, 2016, 65, 863-871. | 1.8 | 10 |
| 44 | Waterborne polyurethane-silanized CoFe<sub>2</sub>O<sub>4</sub>-acrylate magnetic pressure-sensitive adhesive. International Journal of Polymeric Materials and Polymeric Biomaterials, 2016, 65, 826-834. | 1.8 | 4 |
| 45 | Effects of Surface Structure and Morphology of Nanoclays on the Properties of Jatropha Curcas Oil-Based Waterborne Polyurethane/Clay Nanocomposites. Industrial & Engineering Chemistry Research, 2016, 55, 11689-11699. | 1.8 | 54 |
| 46 | Synthesis of vegetable oil-based waterborne polyurethane/silver-halloysite antibacterial nanocomposites. Composites Science and Technology, 2016, 126, 86-93. | 3.8 | 87 |
| 47 | Reinforcement of waterborne polyurethane with chitosan-modified halloysite nanotubes. Applied Surface Science, 2015, 346, 372-378. | 3.1 | 47 |
| 48 | A novel silanized CoFe2O4/fluorinated waterborne polyurethane pressure sensitive adhesive. Applied Surface Science, 2015, 351, 1204-1212. | 3.1 | 21 |
| 49 | Nano-SiO2/fluorinated waterborne polyurethane nanocomposite adhesive for laminated films. Journal of Industrial and Engineering Chemistry, 2014, 20, 1623-1632. | 2.9 | 41 |
| 50 | Preparation and characterization of a novel organic montmorillonite/fluorinated waterborne polyurethane nanocomposites: Effect of OMMT and HFBMA. Composites Science and Technology, 2013, 85, 65-72. | 3.8 | 36 |
| 51 | The Film Properties of Waterborne Polyurethane Modified by Epoxidized Soybean Oil and Styrene. International Journal of Polymeric Materials and Polymeric Biomaterials, 2011, 60, 654-664. | 1.8 | 7 |
| 52 | Influence of carboxyl groups on the particle size and rheological properties of polyacrylate latices. Journal Wuhan University of Technology, Materials Science Edition, 2010, 25, 492-498. | 0.4 | 5 |
| 53 | Properties of Aqueous Polyurethane Dispersion Modified by Epoxide Resin and Their Use as Adhesive. Journal of Dispersion Science and Technology, 2009, 30, 634-638. | 1.3 | 13 |
| 54 | Synthesis and application of phenolic resin internally toughened by chain extension polymer of epoxidized soybean oil. Frontiers of Chemistry in China: Selected Publications From Chinese Universities, 2008, 3, 235-241. | 0.4 | 4 |

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|---|---|---|---|
| 55 | Influence of initiator on synthesis and properties of polyurethane-acrylate hybrid emulsion. Journal Wuhan University of Technology, Materials Science Edition, 2008, 23, 41-45. | 0.4 | 4 |
| 56 | Synthesis of acrylate microemulsion modified by alkoxy silane. Journal Wuhan University of Technology, Materials Science Edition, 2008, 23, 212-217. | 0.4 | 6 |
| 57 | Synthesis and properties of novel epoxidized soybean oilmodified phenolic resin/montmorillonite nanocomposites. Journal Wuhan University of Technology, Materials Science Edition, 2008, 23, 431-435. | 0.4 | 2 |
| 58 | The Synthesis and Antibacterial Activities of 2,5-Bis[(3-aryl)-1,2,4-triazolo[3,4-b]-[1,3,4] thiadiazole-6-yl]thiophenes. Phosphorus, Sulfur and Silicon and the Related Elements, 2008, 183, 2229-2236. | 0.8 | 2 |
| 59 | The Synthesis and Antibacterial Activities of 1,4-Bis[(3-aryl)-1,2,4-triazolo[3,4-b]-[1,3,4]thiadiazole-6-yl]Butanes. Phosphorus, Sulfur and Silicon and the Related Elements, 2007, 182, 1307-1314. | 0.8 | 3 |
| 60 | Kinetics for chlorination of maleic anhydride grafted polypropylene. Journal of Applied Polymer Science, 2007, 106, 117-121. | 1.3 | 1 |
| 61 | The Synthesis and Fungicidal Activities of 2,6-Bis[(3-aryl)-s-triazolo[3,4-b]-[1,3,4]thiadiazole-6-yl]pyridines. Phosphorus, Sulfur and Silicon and the Related Elements, 2006, 181, 2079-2087. | 0.8 | 8 |
| 62 | Synthesis of 1,3-Bis[(3-aryl)-S-triazolo[3,4-b]-[1,3,4]thiadiazole-6-yl]benzenes. Phosphorus, Sulfur and Silicon and the Related Elements, 2006, 181, 519-526. | 0.8 | 7 |
| 63 | Synthesis of 1,4â€Bis[(3â€Aryl)â€sâ€triazolo(3,4â€b)â€(1,3,4)thiadiazoleâ€6â€yl]benzenes. Synthetic Communications, 2005, 35, 2495-2500. | 1.1 | 13 |
| 64 | Fluorineâ€“free Bioâ€based Multifunctional Superhydrophobic Hyperbranched Selfâ€cleaning Coating for Oilâ€water Separation. Macromolecular Materials and Engineering, 0, , 2100508. | 1.7 | 3 |