

# Hongye Huang

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

92  
papers

3,612  
citations

34  
h-index

57  
g-index

92  
ext. papers

3,968  
ext. citations

7.1  
avg, IF

5.51  
L-index

| #  | Paper   | IF   | Citations |
|----|---|------|-----------|
| 92 | Fabrication of claviform fluorescent polymeric nanomaterials containing disulfide bond through an efficient and facile four-component Ugi reaction. <i>Materials Science and Engineering C</i> , <b>2021</b> , 118, 111437                                | 8.3  | 6         |
| 91 | Surface grafting of fluorescent polymers on halloysite nanotubes through metal-free light-induced controlled polymerization: Preparation, characterization and biological imaging. <i>Materials Science and Engineering C</i> , <b>2020</b> , 111, 110804 | 8.3  | 3         |
| 90 | Highly efficient removal of iodine ions using MXene-PDA-AgO composites synthesized by mussel-inspired chemistry. <i>Journal of Colloid and Interface Science</i> , <b>2020</b> , 567, 190-201   | 9.3  | 15        |
| 89 | Red aggregation-induced emission luminogen and Gd codoped mesoporous silica nanoparticles as dual-mode probes for fluorescent and magnetic resonance imaging. <i>Journal of Colloid and Interface Science</i> , <b>2020</b> , 567, 136-144                | 9.3  | 9         |
| 88 | Recent progress and advances in the environmental applications of MXene related materials. <i>Nanoscale</i> , <b>2020</b> , 12, 3574-3592   | 7.7  | 88        |
| 87 | "Two in one": Simultaneous functionalization and DOX loading for fabrication of nanodiamond-based pH responsive drug delivery system. <i>Materials Science and Engineering C</i> , <b>2020</b> , 108, 110413  | 8.3  | 10        |
| 86 | Click multiwalled carbon nanotubes: A novel method for preparation of carboxyl groups functionalized carbon quantum dots. <i>Materials Science and Engineering C</i> , <b>2020</b> , 108, 110376  | 8.3  | 4         |
| 85 | Recent development and prospects of surface modification and biomedical applications of MXenes. <i>Nanoscale</i> , <b>2020</b> , 12, 1325-1338  | 7.7  | 85        |
| 84 | Preparation of fluorescent cellulose nanocrystal polymer composites with thermo-responsiveness through light-induced ATRP. <i>Cellulose</i> , <b>2020</b> , 27, 743-753   | 5.5  | 14        |
| 83 | The combination of Diels-Alder reaction and redox polymerization for preparation of functionalized CNTs for intracellular controlled drug delivery. <i>Materials Science and Engineering C</i> , <b>2020</b> , 109, 110442                                | 8.3  | 6         |
| 82 | Facile fabrication of glycosylated and PEGylated carbon nanotubes through the combination of mussel inspired chemistry and surface-initiated ATRP. <i>Materials Science and Engineering C</i> , <b>2020</b> , 106, 110157                                 | 8.3  | 15        |
| 81 | Facile preparation of fluorescent nanodiamond based polymer nanoparticles via ring-opening polymerization and their biological imaging. <i>Materials Science and Engineering C</i> , <b>2020</b> , 106, 110297  | 8.3  | 7         |
| 80 | Fabrication of $\beta$ -cyclodextrin containing AIE-active polymeric composites through formation of dynamic phenylboronic borate and their theranostic applications. <i>Cellulose</i> , <b>2019</b> , 26, 8829-8841                                      | 5.5  | 7         |
| 79 | Surface modification of fluorescent Tb-doped layered double hydroxides with hyperbranched polymers through host-guest interaction. <i>Materials Science and Engineering C</i> , <b>2019</b> , 104, 109976   | 8.3  | 3         |
| 78 | Facile preparation of magnetic composites based on carbon nanotubes: Utilization for removal of environmental pollutants. <i>Journal of Colloid and Interface Science</i> , <b>2019</b> , 545, 8-15   | 9.3  | 21        |
| 77 | Mussel-inspired preparation of layered double hydroxides based polymer composites for removal of copper ions. <i>Journal of Colloid and Interface Science</i> , <b>2019</b> , 533, 416-427  | 9.3  | 32        |
| 76 | Facile preparation of luminescent cellulose nanocrystals with aggregation-induced emission feature through Ce(IV) redox polymerization. <i>Carbohydrate Polymers</i> , <b>2019</b> , 223, 115102  | 10.3 | 11        |

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| 75 | Direct Surface Functionalization of Cellulose Nanocrystals with Hyperbranched Polymers through the Anionic Polymerization for pH-Responsive Intracellular Drug Delivery. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2019</b> , 7, 19202-19212                    | 8.3 | 23 |
| 74 | Fabrication and biological imaging of hydrazine hydrate cross-linked AIE-active fluorescent polymeric nanoparticles. <i>Materials Science and Engineering C</i> , <b>2019</b> , 94, 310-317   | 8.3 | 9  |
| 73 | A facile surface modification strategy for fabrication of fluorescent silica nanoparticles with the aggregation-induced emission dye through surface-initiated cationic ring opening polymerization. <i>Materials Science and Engineering C</i> , <b>2019</b> , 94, 270-278 | 8.3 | 77 |
| 72 | Water-dispersible fluorescent nanodiamonds for biological imaging prepared by thiol-ene click chemistry. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , <b>2019</b> , 95, 481-486   | 5.3 | 7  |
| 71 | Facile fabrication of cross-linked fluorescent organic nanoparticles with aggregation-induced emission characteristic via the thiol-ene click reaction and their potential for biological imaging. <i>Materials Science and Engineering C</i> , <b>2019</b> , 98, 293-299   | 8.3 | 3  |
| 70 | Facile fabrication of organic dyed polymer nanoparticles with aggregation-induced emission using an ultrasound-assisted multicomponent reaction and their biological imaging. <i>Journal of Colloid and Interface Science</i> , <b>2018</b> , 519, 137-144                  | 9.3 | 58 |
| 69 | A Novel method for the preparation of fluorescent C poly(amino acid) composites and their biological imaging. <i>Journal of Colloid and Interface Science</i> , <b>2018</b> , 516, 392-397  | 9.3 | 8  |
| 68 | Fabrication of AIE-active fluorescent polymeric nanoparticles with red emission through a facile catalyst-free amino-yne click polymerization. <i>Dyes and Pigments</i> , <b>2018</b> , 151, 123-129  | 4.6 | 19 |
| 67 | Facile construction of luminescent supramolecular assemblies with aggregation-induced emission feature through supramolecular polymerization and their biological imaging. <i>Materials Science and Engineering C</i> , <b>2018</b> , 85, 233-238                           | 8.3 | 12 |
| 66 | Fabrication and characterization of hyperbranched polyglycerol modified carbon nanotubes through the host-guest interactions. <i>Materials Science and Engineering C</i> , <b>2018</b> , 91, 458-465  | 8.3 | 9  |
| 65 | One-step synthesis of europium complexes containing polyamino acids through ring-opening polymerization and their potential for biological imaging applications. <i>Talanta</i> , <b>2018</b> , 188, 1-6  | 6.2 | 12 |
| 64 | Facile construction and biological imaging of cross-linked fluorescent organic nanoparticles with aggregation-induced emission feature through a catalyst-free azide-alkyne click reaction. <i>Dyes and Pigments</i> , <b>2018</b> , 148, 52-60                             | 4.6 | 92 |
| 63 | AIE-active self-assemblies from a catalyst-free thiol-yne click reaction and their utilization for biological imaging. <i>Materials Science and Engineering C</i> , <b>2018</b> , 92, 61-68   | 8.3 | 12 |
| 62 | A one-step ultrasonic irradiation assisted strategy for the preparation of polymer-functionalized carbon quantum dots and their biological imaging. <i>Journal of Colloid and Interface Science</i> , <b>2018</b> , 532, 767-773  | 9.3 | 36 |
| 61 | A novel strategy for fabrication of fluorescent hydroxyapatite based polymer composites through the combination of surface ligand exchange and self-catalyzed ATRP. <i>Materials Science and Engineering C</i> , <b>2018</b> , 92, 518-525                                  | 8.3 | 7  |
| 60 | A novel thiol-ene click reaction for preparation of graphene quantum dots and their potential for fluorescence imaging. <i>Materials Science and Engineering C</i> , <b>2018</b> , 91, 631-637  | 8.3 | 9  |
| 59 | One-pot ultrafast preparation of silica quantum dots and their utilization for fabrication of luminescent mesoporous silica nanoparticles. <i>Materials Science and Engineering C</i> , <b>2018</b> , 93, 679-685   | 8.3 | 5  |
| 58 | Surface PEGylation and biological imaging of fluorescent Tb-doped layered double hydroxides through the photoinduced RAFT polymerization. <i>Journal of Colloid and Interface Science</i> , <b>2018</b> , 532, 641-649  | 8.3 | 9  |

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| 57 | Surface grafting of rare-earth ions doped hydroxyapatite nanorods (HAp:Ln(Eu/Tb)) with hydrophilic copolymers based on ligand exchange reaction: Biological imaging and cancer treatment. <i>Materials Science and Engineering C</i> , <b>2018</b> , 91, 556-563   | 8.3 | 8   |
| 56 | Ultrafast microwave-assisted multicomponent tandem polymerization for rapid fabrication of AIE-active fluorescent polymeric nanoparticles and their potential utilization for biological imaging. <i>Materials Science and Engineering C</i> , <b>2018</b> , 83, 115-120   | 8.3 | 19  |
| 55 | Facile modification of nanodiamonds with hyperbranched polymers based on supramolecular chemistry and their potential for drug delivery. <i>Journal of Colloid and Interface Science</i> , <b>2018</b> , 513, 198-204  | 8.3 | 76  |
| 54 | Synthesis and biological imaging of cross-linked fluorescent polymeric nanoparticles with aggregation-induced emission characteristics based on the combination of RAFT polymerization and the Biginelli reaction. <i>Journal of Colloid and Interface Science</i> , <b>2018</b> , 528, 192-199                              | 9.3 | 19  |
| 53 | Facile fabrication of luminescent hyaluronic acid with aggregation-induced emission through formation of dynamic bonds and their theranostic applications. <i>Materials Science and Engineering C</i> , <b>2018</b> , 91, 201-207  | 8.3 | 54  |
| 52 | Recent Advances and Progress on Melanin-like Materials and Their Biomedical Applications. <i>Biomacromolecules</i> , <b>2018</b> , 19, 1858-1868   | 6.9 | 168 |
| 51 | Preparation of water dispersible and biocompatible nanodiamond-poly(amino acid) composites through the ring-opening polymerization. <i>Materials Science and Engineering C</i> , <b>2018</b> , 91, 496-501   | 8.3 | 11  |
| 50 | Direct encapsulation of AIE-active dye with $\beta$ -cyclodextrin terminated polymers: Self-assembly and biological imaging. <i>Materials Science and Engineering C</i> , <b>2017</b> , 78, 862-867  | 8.3 | 97  |
| 49 | Mussel-inspired fabrication of functional materials and their environmental applications: Progress and prospects. <i>Applied Materials Today</i> , <b>2017</b> , 7, 222-238  | 6.6 | 248 |
| 48 | Preparation of AIE-active fluorescent polymeric nanoparticles through a catalyst-free thiol-yne click reaction for bioimaging applications. <i>Materials Science and Engineering C</i> , <b>2017</b> , 80, 411-416   | 8.3 | 120 |
| 47 | Synthesis of functionalized MgAl-layered double hydroxides via modified mussel inspired chemistry and their application in organic dye adsorption. <i>Journal of Colloid and Interface Science</i> , <b>2017</b> , 505, 168-177  | 9.3 | 49  |
| 46 | Surface functionalized SiO <sub>2</sub> nanoparticles with cationic polymers via the combination of mussel inspired chemistry and surface initiated atom transfer radical polymerization: Characterization and enhanced removal of organic dye. <i>Journal of Colloid and Interface Science</i> , <b>2017</b> , 499, 170-179 | 9.3 | 205 |
| 45 | Preparation of polymeric silica composites through polydopamine-mediated surface initiated ATRP for highly efficient removal of environmental pollutants. <i>Materials Chemistry and Physics</i> , <b>2017</b> , 193, 501-511  | 4.4 | 21  |
| 44 | One-step synthesis, self-assembly and bioimaging applications of adenosine triphosphate containing amphiphilics with aggregation-induced emission feature. <i>Materials Science and Engineering C</i> , <b>2017</b> , 73, 252-256  | 8.3 | 24  |
| 43 | Direct surface grafting of mesoporous silica nanoparticles with phospholipid choline-containing copolymers through chain transfer free radical polymerization and their controlled drug delivery. <i>Journal of Colloid and Interface Science</i> , <b>2017</b> , 508, 396-404   | 9.3 | 25  |
| 42 | Synthesis and bioimaging of biodegradable red fluorescent organic nanoparticles with aggregation-induced emission characteristics. <i>Journal of Colloid and Interface Science</i> , <b>2017</b> , 508, 248-253  | 9.3 | 15  |
| 41 | Facile fabrication of luminescent polymeric nanoparticles containing dynamic linkages via a one-pot multicomponent reaction: Synthesis, aggregation-induced emission and biological imaging. <i>Materials Science and Engineering C</i> , <b>2017</b> , 80, 708-714  | 8.3 | 124 |
| 40 | Aggregation-induced emission active luminescent polymeric nanoparticles: Non-covalent fabrication methodologies and biomedical applications. <i>Applied Materials Today</i> , <b>2017</b> , 9, 145-160   | 6.6 | 135 |

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| 39 | Surface PEGylation of mesoporous silica materials via surface-initiated chain transfer free radical polymerization: Characterization and controlled drug release. <i>Materials Science and Engineering C</i> , <b>2017</b> , 81, 57-65  | 8.3  | 7   |
| 38 | A facile one-pot Mannich reaction for the construction of fluorescent polymeric nanoparticles with aggregation-induced emission feature and their biological imaging. <i>Materials Science and Engineering C</i> , <b>2017</b> , 81, 416-421  | 8.3  | 144 |
| 37 | Fabrication of multifunctional fluorescent organic nanoparticles with AIE feature through photo-initiated RAFT polymerization. <i>Polymer Chemistry</i> , <b>2017</b> , 8, 7390-7399  | 4.9  | 21  |
| 36 | Microwave-assisted multicomponent reactions for rapid synthesis of AIE-active fluorescent polymeric nanoparticles by post-polymerization method. <i>Materials Science and Engineering C</i> , <b>2017</b> , 80, 578-583   | 8.3  | 133 |
| 35 | A new strategy for fabrication of water dispersible and biodegradable fluorescent organic nanoparticles with AIE and ESIPT characteristics and their utilization for bioimaging. <i>Talanta</i> , <b>2017</b> , 174, 803-808  | 6.2  | 35  |
| 34 | Ultrasonic-assisted Kabachnik-Fields reaction for rapid fabrication of AIE-active fluorescent organic nanoparticles. <i>Ultrasonics Sonochemistry</i> , <b>2017</b> , 35, 319-325   | 8.9  | 26  |
| 33 | Rapid preparation of branched and degradable AIE-active fluorescent organic nanoparticles via formation of dynamic phenyl borate bond. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2017</b> , 150, 114-120   | 6    | 14  |
| 32 | Preparation of PEGylated polymeric nanoprobe with aggregation-induced emission feature through the combination of chain transfer free radical polymerization and multicomponent reaction: Self-assembly, characterization and biological imaging applications. <i>Materials Science and Engineering C</i> , <b>2017</b> , 78, 270-278 | 8.3  | 38  |
| 31 | Facile Fabrication of PEGylated Fluorescent Organic Nanoparticles with Aggregation-Induced Emission Feature via Formation of Dynamic Bonds and Their Biological Imaging Applications. <i>Macromolecular Rapid Communications</i> , <b>2016</b> , 37, 1657-1661  | 4.8  | 25  |
| 30 | Facile synthesis and characterization of poly(levodopa)-modified silica nanocomposites via self-polymerization of levodopa and their adsorption behavior toward Cu <sup>2+</sup> . <i>Journal of Materials Science</i> , <b>2016</b> , 51, 9625-9637  | 4.3  | 16  |
| 29 | Fabrication of aggregation induced emission active luminescent chitosan nanoparticles via a "one-pot" multicomponent reaction. <i>Carbohydrate Polymers</i> , <b>2016</b> , 152, 189-195  | 10.3 | 34  |
| 28 | Facile preparation of carbon nanotubes based carboxymethyl chitosan nanocomposites through combination of mussel inspired chemistry and Michael addition reaction: Characterization and improved Cu <sup>2+</sup> removal capability. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , <b>2016</b> , 68, 446-454        | 5.3  | 86  |
| 27 | Enhanced removal capability of kaolin toward methylene blue by mussel-inspired functionalization. <i>Journal of Materials Science</i> , <b>2016</b> , 51, 8116-8130   | 4.3  | 24  |
| 26 | Fabrication of luminescent hydroxyapatite nanorods through surface-initiated RAFT polymerization: Characterization, biological imaging and drug delivery applications. <i>Applied Surface Science</i> , <b>2016</b> , 386, 269-275  | 6.7  | 35  |
| 25 | Fabrication of amphiphilic fluorescent nanoparticles with an AIE feature via a one-pot clickable mercaptoacetic acid locking imine reaction: synthesis, self-assembly and bioimaging. <i>Polymer Chemistry</i> , <b>2016</b> , 7, 4559-4566   | 4.9  | 26  |
| 24 | Mussel inspired preparation of amine-functionalized Kaolin for effective removal of heavy metal ions. <i>Materials Chemistry and Physics</i> , <b>2016</b> , 181, 116-125   | 4.4  | 32  |
| 23 | Fabrication and biological imaging application of AIE-active luminescent starch based nanoprobe. <i>Carbohydrate Polymers</i> , <b>2016</b> , 142, 38-44  | 10.3 | 52  |
| 22 | Mussel inspired preparation of functional silica nanocomposites for environmental adsorption applications. <i>Applied Surface Science</i> , <b>2016</b> , 387, 285-293  | 6.7  | 43  |

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| 21 | Synthesis of Amphiphilic Hyperbranched AIE-active Fluorescent Organic Nanoparticles and Their Application in Biological Application. <i>Macromolecular Bioscience</i> , <b>2016</b> , 16, 223-30  | 5.5  | 27 |
| 20 | Fabrication of AIE-active amphiphilic fluorescent polymeric nanoparticles through host-guest interaction. <i>RSC Advances</i> , <b>2016</b> , 6, 54812-54819  | 3.7  | 17 |
| 19 | Mussel inspired preparation of MoS <sub>2</sub> based polymer nanocomposites: The case of polyPEGMA. <i>Applied Surface Science</i> , <b>2016</b> , 387, 399-405  | 6.7  | 21 |
| 18 | Facile preparation and biological imaging of luminescent polymeric nanoprobes with aggregation-induced emission characteristics through Michael addition reaction. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2016</b> , 145, 795-801 | 6    | 7  |
| 17 | Facile fabrication of amphiphilic AIE active glucan via formation of dynamic bonds: self assembly, stimuli responsiveness and biological imaging. <i>Journal of Materials Chemistry B</i> , <b>2016</b> , 4, 4033-4039                        | 7.3  | 52 |
| 16 | One-step preparation of branched PEG functionalized AIE-active luminescent polymeric nanoprobes. <i>Science China Chemistry</i> , <b>2016</b> , 59, 1003-1009   | 7.9  | 12 |
| 15 | Surface modification of nanodiamond through metal free atom transfer radical polymerization. <i>Applied Surface Science</i> , <b>2016</b> , 390, 710-717  | 6.7  | 29 |
| 14 | Preparation of silica nanoparticle based polymer composites via mussel inspired chemistry and their enhanced adsorption capability towards methylene blue. <i>RSC Advances</i> , <b>2016</b> , 6, 85213-85221                                 | 3.7  | 10 |
| 13 | Ultrafast Preparation of AIE-Active Fluorescent Organic Nanoparticles via a "One-Pot" Microwave-Assisted Kabachnik-Fields Reaction. <i>Macromolecular Rapid Communications</i> , <b>2016</b> , 37, 1754-1759                                  | 11.8 | 40 |
| 12 | Fabrication and biomedical applications of AIE active nanotheranostics through the combination of a ring-opening reaction and formation of dynamic hydrazones. <i>Journal of Materials Chemistry B</i> , <b>2016</b> , 4, 5692-5699           | 7.3  | 34 |
| 11 | One-step preparation of AIE-active dextran via formation of phenyl borate and their bioimaging application. <i>Chemical Engineering Journal</i> , <b>2016</b> , 304, 149-155  | 14.7 | 45 |
| 10 | Facile preparation, through Schiff base formation, of luminescent amphiphilic carbohydrate polymers with aggregation-induced emission characteristics for biological imaging. <i>RSC Advances</i> , <b>2016</b> , 6, 76011-76016              | 3.7  | 4  |
| 9  | A rather facile strategy for the fabrication of PEGylated AIE nanoprobes. <i>Polymer Chemistry</i> , <b>2015</b> , 6, 5288-5294   | 4.9  | 53 |
| 8  | Direct surface PEGylation of nanodiamond via RAFT polymerization. <i>Applied Surface Science</i> , <b>2015</b> , 357, 2147-2153   | 6.7  | 37 |
| 7  | A bioinspired strategy for surface modification of silica nanoparticles. <i>Applied Surface Science</i> , <b>2015</b> , 357, 1996-2003  | 6.7  | 48 |
| 6  | Carbon nanotube based polymer nanocomposites: biomimic preparation and organic dye adsorption applications. <i>RSC Advances</i> , <b>2015</b> , 5, 82503-82512  | 3.7  | 52 |
| 5  | Preparation of ultrabright AIE nanoprobes via dynamic bonds. <i>Tetrahedron</i> , <b>2015</b> , 71, 8791-8797   | 2.4  | 24 |
| 4  | Fabrication of silica nanoparticle based polymer nanocomposites via a combination of mussel inspired chemistry and SET-LRP. <i>RSC Advances</i> , <b>2015</b> , 5, 91308-91314  | 3.7  | 14 |

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| 3 | Stimulus responsive cross-linked AIE-active polymeric nanoprobcs: fabrication and biological imaging application. <i>Polymer Chemistry</i> , <b>2015</b> , 6, 8214-8221 | 4.9 | 59 |
| 2 | Towards development of a versatile and efficient strategy for fabrication of GO based polymer nanocomposites. <i>Polymer Chemistry</i> , <b>2015</b> , 6, 7211-7218     | 4.9 | 50 |
| 1 | Biomimic preparation of highly dispersible silica nanoparticles based polymer nanocomposites. <i>Ceramics International</i> , <b>2015</b> , 41, 15075-15082             | 5.1 | 25 |