

# Yen Wei

## List of Publications by Year in Descending Order

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**Version:** 2024-04-25

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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.

467  
papers

22,952  
citations

80  
h-index

129  
g-index

482  
ext. papers

26,205  
ext. citations

7.5  
avg, IF

7.37  
L-index

| #   | Paper   | IF   | Citations |
|-----|---|------|-----------|
| 467 | Antimicrobial Lignin-Based Polyurethane/Ag Composite Foams for Improving Wound Healing.. <i>Biomacromolecules</i> , <b>2022</b> ,   | 6.9  | 4         |
| 466 | observation of heterogeneous catalytic organic reactions aggregation-induced emission luminogens.. <i>Chemical Communications</i> , <b>2022</b> ,   | 5.8  | 3         |
| 465 | In Situ Visualization of Reversible Diels-Alder Reactions with Self-Reporting Aggregation-Induced Emission Luminogens.. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2022</b> , 14, 3485-3495 | 9.5  | 1         |
| 464 | Spatiotemporally dynamic therapy with shape-adaptive drug-gel for the improvement of tissue regeneration with ordered structure. <i>Bioactive Materials</i> , <b>2022</b> , 8, 165-176              | 16.7 | 4         |
| 463 | Antioxidant Polymers via the Ugi Reaction for In Vivo Protection of UV-Induced Oxidative Stress. <i>Chemistry of Materials</i> , <b>2022</b> , 34, 2645-2654  | 9.6  | 0         |
| 462 | Novel Binary Ni-Based Mixed Metal-Organic Framework Nanosheets Materials and Their High Optical Power Limiting.. <i>ACS Omega</i> , <b>2022</b> , 7, 10429-10437                                    | 3.9  |           |
| 461 | Magnetic Self-Healing Hydrogel from Difunctional Polymers Prepared via the Kabachnik-Fields Reaction.. <i>ACS Macro Letters</i> , <b>2022</b> , 11, 39-45   | 6.6  | 3         |
| 460 | Catechol Moiety Integrated Tri-Aryl Type AIEgen for Visual and Quantitative Boronic Acid Detection. <i>Chemistry - A European Journal</i> , <b>2021</b> , 28, e202103351                            | 4.8  | 0         |
| 459 | Green Production of Biodegradable Mulch Films for Effective Weed Control. <i>ACS Omega</i> , <b>2021</b> , 6, 32327-32333   | 3.9  | 1         |
| 458 | AIEgens with cyano-modification in different sites: Potential Meta-site effect in mechanochromism behavior. <i>Dyes and Pigments</i> , <b>2021</b> , 198, 109939                                    | 4.6  |           |
| 457 | A Mitochondria-targeted AIEgen Labelled with F for Breast Cancer Cell Imaging and Therapy. <i>Chemistry - an Asian Journal</i> , <b>2021</b> , 16, 3963-3969  | 4.5  | 0         |
| 456 | Design of Entropy-Driven Polymers Resistant to Bacterial Attachment via Multicomponent Reactions. <i>Journal of the American Chemical Society</i> , <b>2021</b> , 143, 17250-17260                  | 16.4 | 5         |
| 455 | Intrinsic hydroquinone-functionalized aggregation-induced emission core shows redox and pH sensitivity. <i>Communications Chemistry</i> , <b>2021</b> , 4,  | 6.3  | 2         |
| 454 | Reprogrammable 3D Liquid-Crystalline Actuators with Precisely Controllable Stepwise Actuation. <i>Advanced Intelligent Systems</i> , <b>2021</b> , 3, 2000249                                       | 6    | 5         |
| 453 | Cellulose-based hydrogels regulated by supramolecular chemistry. <i>SusMat</i> , <b>2021</b> , 1, 266-284   |      | 8         |
| 452 | A Liquid Gripper Based on Phase Transitional Metallic Ferrofluid. <i>Advanced Functional Materials</i> , <b>2021</b> , 31, 2100274  | 15.6 | 19        |
| 451 | Direct transformation of -alkane into all- conjugated polyene via cascade dehydrogenation. <i>National Science Review</i> , <b>2021</b> , 8, nwab093  | 10.8 | 6         |

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|-----|---|------|----|
| 450 | Promotion of Color-Changing Luminescent Hydrogels from Thermo to Electrical Responsiveness toward Biomimetic Skin Applications. <i>ACS Nano</i> , <b>2021</b> , 15, 10415-10427   | 16.7 | 30 |
| 449 | Revealing the Distribution of Aggregation-Induced Emission Nanoparticles via Dual-Modality Imaging with Fluorescence and Mass Spectrometry. <i>Research</i> , <b>2021</b> , 2021, 9784053   | 7.8  | 1  |
| 448 | Poly(amino acid)s-based star AIEgens for cell uptake with pH-response and chiral difference. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2021</b> , 202, 111687  | 6    | 4  |
| 447 | Ultrastable Near-Infrared Aggregation-Induced Emission Nanoparticles as a Fluorescent Probe: Long-Term Tumor Monitoring and Lipid Droplet Tracking. <i>CCS Chemistry</i> , <b>2021</b> , 3, 1569-1606   | 7.2  | 3  |
| 446 | Antifungal Polymer Containing Methoxy Triazine. <i>ACS Applied Polymer Materials</i> , <b>2021</b> , 3, 3702-3707   | 4.3  | 2  |
| 445 | DOPA-derived electroactive copolymer and IGF-1 immobilized poly(lactic-co-glycolic acid)/hydroxyapatite biodegradable microspheres for synergistic bone repair. <i>Chemical Engineering Journal</i> , <b>2021</b> , 416, 129129                                     | 14.7 | 7  |
| 444 | Combating Biofilms by a Self-Adapting Drug Loading Hydrogel.. <i>ACS Applied Bio Materials</i> , <b>2021</b> , 4, 6219-6226   | 4.26 | 2  |
| 443 | Preparation recombination human-like collagen/fibroin scaffold and promoting the cell compatibility with osteoblasts. <i>Journal of Biomedical Materials Research - Part A</i> , <b>2021</b> , 109, 346-353   | 5.4  | 7  |
| 442 | Functional epoxy vitrimers and composites. <i>Progress in Materials Science</i> , <b>2021</b> , 120, 100710   | 42.2 | 33 |
| 441 | The Hantzsch Reaction in Polymer Chemistry: From Synthetic Methods to Applications. <i>Macromolecular Rapid Communications</i> , <b>2021</b> , 42, e2000459   | 4.8  | 12 |
| 440 | 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  |
| 439 | Cryogenic 3D printing of dual-delivery scaffolds for improved bone regeneration with enhanced vascularization. <i>Bioactive Materials</i> , <b>2021</b> , 6, 137-145  | 16.7 | 39 |
| 438 | Biocompatible heterogeneous bone incorporated with polymeric biocomposites for human bone repair by 3D printing technology. <i>Journal of Applied Polymer Science</i> , <b>2021</b> , 138, 50114  | 2.9  | 10 |
| 437 | Gold-iron selenide nanocomposites for amplified tumor oxidative stress-augmented photo-radiotherapy. <i>Biomaterials Science</i> , <b>2021</b> , 9, 3979-3988   | 7.4  | 5  |
| 436 | A biomass-derived, all-day-round solar evaporation platform for harvesting clean water from microplastic pollution. <i>Journal of Materials Chemistry A</i> , <b>2021</b> , 9, 11013-11024  | 13   | 6  |
| 435 | Porously nanostructured MnO/C composites directed from polydopamine as high-performance supercapacitor electrodes. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2021</b> , 32, 5781-5789  | 2.1  | 2  |
| 434 | Universal and tunable liquid-liquid separation by nanoparticle-embedded gating membranes based on a self-defined interfacial parameter. <i>Nature Communications</i> , <b>2021</b> , 12, 80   | 17.4 | 15 |
| 433 | Integration of catalytic capability and pH-responsive wettability in a VxOy-based dual-mesh system: towards solving the trade-off between the separation flow rate and degradation efficiency. <i>Journal of Materials Chemistry A</i> , <b>2021</b> , 9, 5454-5467 | 13   | 3  |

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|-----|---|------|----|
| 432 | Multifunctional Organic Fluorescent Probe with Aggregation-Induced Emission Characteristics: Ultrafast Tumor Monitoring, Two-Photon Imaging, and Image-Guide Photodynamic Therapy. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 7987-7996        | 9.5  | 14 |
| 431 | and Study on an Injectable Glycol Chitosan/Dibenzaldehyde-Terminated Polyethylene Glycol Hydrogel in Repairing Articular Cartilage Defects. <i>Frontiers in Bioengineering and Biotechnology</i> , <b>2021</b> , 9, 607709  | 5.8  | 5  |
| 430 | Rational Design of Carbon Layer-Decorated Metal Oxide/Nickel Cobalt Sulfide-Based Composite with Faster Energy Storage and Long Cyclic Life. <i>ACS Applied Energy Materials</i> , <b>2021</b> , 4, 2138-2147   | 6.1  | 3  |
| 429 | Spatiotemporal Magnetocaloric Microenvironment for Guiding the Fate of Biodegradable Polymer Implants. <i>Advanced Functional Materials</i> , <b>2021</b> , 31, 2009661   | 15.6 | 6  |
| 428 | Recent Advances on Fabrication of Polymeric Composites Based on Multicomponent Reactions for Bioimaging and Environmental Pollutant Removal. <i>Macromolecular Rapid Communications</i> , <b>2021</b> , 42, e2000563  | 4.8  | 2  |
| 427 | Simultaneous surface functionalization and drug loading: A novel method for fabrication of cellulose nanocrystals-based pH responsive drug delivery system. <i>International Journal of Biological Macromolecules</i> , <b>2021</b> , 182, 2066-2075                  | 7.9  | 7  |
| 426 | A Liquid Gripper Based on Phase Transitional Metallic Ferrofluid (Adv. Funct. Mater. 32/2021). <i>Advanced Functional Materials</i> , <b>2021</b> , 31, 2170232   | 15.6 |    |
| 425 | 3D bioprinting of an electroactive and self-healing polysaccharide hydrogels. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , <b>2021</b> ,  | 4.4  | 4  |
| 424 | Vitrimer-based soft actuators with multiple responsiveness and self-healing ability triggered by multiple stimuli. <i>Matter</i> , <b>2021</b> ,  | 12.7 | 11 |
| 423 | A Dually Charged Membrane for Seawater Utilization: Combining Marine Pollution Remediation and Desalination by Simultaneous Removal of Polluted Dispersed Oil, Surfactants, and Ions. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 48171-48178   | 9.5  | 0  |
| 422 | State-of-art review on preparation, surface functionalization and biomedical applications of cellulose nanocrystals-based materials. <i>International Journal of Biological Macromolecules</i> , <b>2021</b> , 186, 591-615   | 7.9  | 4  |
| 421 | Surface functionalization of MXene with chitosan through in-situ formation of polyimidazoles and its adsorption properties. <i>Journal of Hazardous Materials</i> , <b>2021</b> , 419, 126220   | 12.8 | 12 |
| 420 | Rapid synthesis of polyimidazole functionalized MXene via microwave-irradiation assisted multi-component reaction and its iodine adsorption performance. <i>Journal of Hazardous Materials</i> , <b>2021</b> , 420, 126580  | 12.8 | 7  |
| 419 | A near-infrared bioprobe with aggregation-induced emission feature for in vitro photodynamic therapy. <i>Dyes and Pigments</i> , <b>2021</b> , 194, 109521  | 4.6  | 5  |
| 418 | Construction of ionic liquid functionalized MXene with extremely high adsorption capacity towards iodine via the combination of mussel-inspired chemistry and Michael addition reaction. <i>Journal of Colloid and Interface Science</i> , <b>2021</b> , 601, 294-304 | 9.3  | 5  |
| 417 | Metal-phenolic networks: facile assembled complexes for cancer theranostics. <i>Theranostics</i> , <b>2021</b> , 11, 6407-6426  | 12.1 | 21 |
| 416 | Fluorescent polymers via post-polymerization modification of Biginelli-type polymers for cellular protection against UV damage. <i>Polymer Chemistry</i> , <b>2021</b> , 12, 852-857  | 4.9  | 3  |
| 415 | A multi-responsive self-healing hydrogel for controlled release of curcumin. <i>Polymer Chemistry</i> , <b>2021</b> , 12, 2457-2463   | 4.9  | 4  |

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| 4 <sup>14</sup> | A Self-Degradable Conjugated Polymer for Photodynamic Therapy with Reliable Postoperative Safety.. <i>Advanced Science</i> , <b>2021</b> , e2104101   | 13.6 | 7  |
| 4 <sup>13</sup> | High-throughput preparation of radioprotective polymers via Hantzsch's reaction for in vivo X-ray damage determination. <i>Nature Communications</i> , <b>2020</b> , 11, 6214   | 17.4 | 13 |
| 4 <sup>12</sup> | Superwetting Patterned Membranes with an Anisotropy/Isotropy Transition: Towards Signal Expression and Liquid Permeation. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 13437-13443  | 16.4 | 12 |
| 4 <sup>11</sup> | Polymer actuators based on covalent adaptable networks. <i>Polymer Chemistry</i> , <b>2020</b> , 11, 5297-5320  | 4.9  | 21 |
| 4 <sup>10</sup> | Superwetting Patterned Membranes with an Anisotropy/Isotropy Transition: Towards Signal Expression and Liquid Permeation. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 13539-13545   | 3.6  |    |
| 4 <sup>09</sup> | A magnetic solder for assembling bulk covalent adaptable network blocks. <i>Chemical Science</i> , <b>2020</b> , 11, 7694-7700  | 9.4  | 5  |
| 4 <sup>08</sup> | Carnosine-Modified Fullerene as a Highly Enhanced ROS Scavenger for Mitigating Acute Oxidative Stress. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 16104-16113  | 9.5  | 12 |
| 4 <sup>07</sup> | Micrometer Copper-Zinc Alloy Particles-Reinforced Wood Plastic Composites with High Gloss and Antibacterial Properties for 3D Printing. <i>Polymers</i> , <b>2020</b> , 12,   | 4.5  | 11 |
| 4 <sup>06</sup> | A micropatterned conductive electrospun nanofiber mesh combined with electrical stimulation for synergistically enhancing differentiation of rat neural stem cells. <i>Journal of Materials Chemistry B</i> , <b>2020</b> , 8, 2673-2688                  | 7.3  | 16 |
| 4 <sup>05</sup> | Surface PEGylation of nanodiamond through a facile Michael addition reaction for intracellular drug delivery. <i>Journal of Drug Delivery Science and Technology</i> , <b>2020</b> , 57, 101644   | 4.5  | 24 |
| 4 <sup>04</sup> | Low-Tortuosity Water Microchannels Boosting Energy Utilization for High Water Flux Solar Distillation. <i>Environmental Science &amp; Technology</i> , <b>2020</b> , 54, 5150-5158  | 10.3 | 38 |
| 4 <sup>03</sup> | 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  |
| 4 <sup>02</sup> | Electricity-Triggered Self-Healing of Conductive and Thermostable Vitrimer Enabled by Paving Aligned Carbon Nanotubes. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 14315-14322  | 9.5  | 31 |
| 4 <sup>01</sup> | Direct surface modification of nanodiamonds with ionic copolymers for fast adsorptive removal of copper ions with high efficiency. <i>Colloids and Interface Science Communications</i> , <b>2020</b> , 37, 100278  | 5.4  | 7  |
| 4 <sup>00</sup> | Volatile-Organic-Compound-Intercepting Solar Distillation Enabled by a Photothermal/Photocatalytic Nanofibrous Membrane with Dual-Scale Pores. <i>Environmental Science &amp; Technology</i> , <b>2020</b> , 54, 9025-9033                                | 10.3 | 50 |
| 399             | Robust Multiscale-Oriented Thermoresponsive Fibrous Hydrogels with Rapid Self-Recovery and Ultrafast Response Underwater. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 33152-33162   | 9.5  | 8  |
| 398             | A bifunctional MnO mesh for expeditious and ambient degradation of dyes in activation of peroxymonosulfate (PMS) and simultaneous oil removal from water. <i>Journal of Colloid and Interface Science</i> , <b>2020</b> , 579, 412-424                    | 9.3  | 22 |
| 397             | Metal-organic framework derived petal-like Co <sub>3</sub> O <sub>4</sub> @CoNi <sub>2</sub> S <sub>4</sub> hybrid on carbon cloth with enhanced performance for supercapacitors. <i>Inorganic Chemistry Frontiers</i> , <b>2020</b> , 7, 1428-1436       | 6.8  | 27 |

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| 396 | An acrylate AIE-active dye with a two-photon fluorescent switch for fluorescent nanoparticles by RAFT polymerization: synthesis, molecular structure and application in cell imaging.. <i>RSC Advances</i> , <b>2020</b> , 10, 5704-5711             | 3.7  | 8   |
| 395 | Seamless multimaterial 3D liquid-crystalline elastomer actuators for next-generation entirely soft robots. <i>Science Advances</i> , <b>2020</b> , 6, eaay8606   | 14.3 | 53  |
| 394 | Polymerization of Solid-State 2,2'-Bithiophene Thin Film or Doped in Cellulose Paper Using DBD Plasma and Its Applications in Paper-Based Electronics. <i>ACS Applied Polymer Materials</i> , <b>2020</b> , 2, 1518-1527                             | 4.3  | 3   |
| 393 | 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  |
| 392 | RAI3 knockdown enhances osteogenic differentiation of bone marrow mesenchymal stem cells via STAT3 signaling pathway. <i>Biochemical and Biophysical Research Communications</i> , <b>2020</b> , 524, 516-522  | 3.4  | 1   |
| 391 | 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   |
| 390 | Peanut Leaf-Inspired Hybrid Metal-Organic Framework with Humidity-Responsive Wettability: toward Controllable Separation of Diverse Emulsions. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 6309-6318                           | 9.5  | 12  |
| 389 | 3D printing of bone tissue engineering scaffolds. <i>Bioactive Materials</i> , <b>2020</b> , 5, 82-91  | 16.7 | 181 |
| 388 | Photothermally induced in situ double emulsion separation by a carbon nanotube/poly(N-isopropylacrylamide) modified membrane with superwetting properties. <i>Journal of Materials Chemistry A</i> , <b>2020</b> , 8, 7677-7686                      | 13   | 12  |
| 387 | Polyanionic self-healing hydrogels for the controlled release of cisplatin. <i>European Polymer Journal</i> , <b>2020</b> , 133, 109773  | 5.2  | 9   |
| 386 | Recent progress and advances in the environmental applications of MXene related materials. <i>Nanoscale</i> , <b>2020</b> , 12, 3574-3592  | 7.7  | 88  |
| 385 | "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  |
| 384 | Preparation and biological imaging of fluorescent hydroxyapatite nanoparticles with poly(2-ethyl-2-oxazoline) through surface-initiated cationic ring-opening polymerization. <i>Materials Science and Engineering C</i> , <b>2020</b> , 108, 110424 | 8.3  | 4   |
| 383 | 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   |
| 382 | Liquid-Crystalline Soft Actuators with Switchable Thermal Reprogrammability. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 4808-4814   | 3.6  | 6   |
| 381 | Liquid-Crystalline Soft Actuators with Switchable Thermal Reprogrammability. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 4778-4784  | 16.4 | 48  |
| 380 | Recent development and prospects of surface modification and biomedical applications of MXenes. <i>Nanoscale</i> , <b>2020</b> , 12, 1325-1338   | 7.7  | 85  |
| 379 | High-Throughput Preparation of Antibacterial Polymers from Natural Product Derivatives via the Hantzsch Reaction. <i>IScience</i> , <b>2020</b> , 23, 100754   | 6.1  | 11  |

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| 378 | A Facile Preparation of Mussel-Inspired Poly(dopamine phosphonate-co-PEGMA)s via a One-Pot Multicomponent Polymerization System. <i>Macromolecular Rapid Communications</i> , <b>2020</b> , 41, e1900533   | 4.8 | 6  |
| 377 | Curcumin polymer conjugates with dynamic boronic acid ester linkages for selective killing of cancer cells. <i>Polymer Chemistry</i> , <b>2020</b> , 11, 1321-1326   | 4.9 | 12 |
| 376 | Antibacterial Self-Healing Hydrogel via the Ugi Reaction. <i>ACS Applied Polymer Materials</i> , <b>2020</b> , 2, 404-410  | 4.3 | 12 |
| 375 | 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 |
| 374 | 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  |
| 373 | Crown ether modified membranes for Na <sup>+</sup> -responsive controllable emulsion separation suitable for hypersaline environments. <i>Journal of Materials Chemistry A</i> , <b>2020</b> , 8, 2684-2690  | 13  | 16 |
| 372 | Aggregation-induced Emission Based Fluorogens for Mitochondria-targeted Tumor Imaging and Theranostics. <i>Chemistry - an Asian Journal</i> , <b>2020</b> , 15, 3942-3960  | 4.5 | 11 |
| 371 | Antioxidant Polymers via the Kabachnik-Fields Reaction to Control Cellular Oxidative Stress. <i>Macromolecular Bioscience</i> , <b>2020</b> , 20, e1900419   | 5.5 | 3  |
| 370 | Feather-like NiCo <sub>2</sub> O <sub>4</sub> self-assemble from porous nanowires as binder-free electrodes for low charge transfer resistance. <i>Frontiers of Materials Science</i> , <b>2020</b> , 14, 450-458  | 2.5 | 0  |
| 369 | Hollow Au/Polypyrrole Capsules to Form Porous and Neural Network-Like Nanofibrous Film for Wearable, Super-Rapid, and Ultrasensitive NH <sub>3</sub> Sensor at Room Temperature. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 55056-55063 | 9.5 | 7  |
| 368 | Improving Chronic Diabetic Wound Healing through an Injectable and Self-Healing Hydrogel with Platelet-Rich Plasma Release. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 55659-55674  | 9.5 | 25 |
| 367 | An Adaptable Cryptosystem Enabled by Synergies of Luminogens with Aggregation-Induced-Emission Character. <i>Advanced Materials</i> , <b>2020</b> , 32, e2004616   | 24  | 16 |
| 366 | Anticancer Polymers via the Biginelli Reaction. <i>ACS Macro Letters</i> , <b>2020</b> , 9, 1249-1254  | 6.6 | 8  |
| 365 | 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 |
| 364 | 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  |
| 363 | Improved bacterial nanocellulose production from glucose without the loss of quality by evaluating thirteen agitator configurations at low speed. <i>Microbial Biotechnology</i> , <b>2019</b> , 12, 1387-1402   | 6.3 | 1  |
| 362 | 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  |
| 361 | 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  |

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| 360 | Durable liquid-crystalline vitrimer actuators. <i>Chemical Science</i> , <b>2019</b> , 10, 3025-3030   | 9.4  | 50 |
| 359 | Small fluorescent albumin nanoparticles for targeted photothermal therapy via albumin-Binding protein pathways. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2019</b> , 181, 696-704   | 6    | 6  |
| 358 | Functionalization of carbon nanotubes with chitosan based on MALI multicomponent reaction for Cu removal. <i>International Journal of Biological Macromolecules</i> , <b>2019</b> , 136, 476-485   | 7.9  | 98 |
| 357 | Novel chitosan/ellulose nanofiber self-healing hydrogels to correlate self-healing properties of hydrogels with neural regeneration effects. <i>NPG Asia Materials</i> , <b>2019</b> , 11,   | 10.3 | 69 |
| 356 | PG-PEI-Ag NPs-Decorated Membrane for Pretreatment of Laboratory Wastewater: Simultaneous Removal of Water-Insoluble Organic Solvents and Water-Soluble Anionic Organic Pollutants. <i>Langmuir</i> , <b>2019</b> , 35, 7680-7690               | 4    | 5  |
| 355 | Amphiphilic fluorescent copolymers via one-pot synthesis of RAFT polymerization and multicomponent Biginelli reaction and their cells imaging applications. <i>Journal of Materials Research</i> , <b>2019</b> , 34, 3011-3019                 | 2.5  | 10 |
| 354 | Ferrocene-Containing Polymer via the Biginelli Reaction for In Vivo Treatment of Oxidative Stress Damage. <i>ACS Macro Letters</i> , <b>2019</b> , 8, 639-645  | 6.6  | 13 |
| 353 | Lotus- and Mussel-Inspired PDA-PET/PTFE Janus Membrane: Toward Integrated Separation of Light and Heavy Oils from Water. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 20545-20556   | 9.5  | 43 |
| 352 | Magnetic Hydrogel with Optimally Adaptive Functions for Breast Cancer Recurrence Prevention. <i>Advanced Healthcare Materials</i> , <b>2019</b> , 8, e1900203  | 10.1 | 50 |
| 351 | Asymmetric superwetting configuration of Janus membranes based on thiol/ene clickable silane nanospheres enabling on-demand and energy-efficient oil/water remediation. <i>Journal of Materials Chemistry A</i> , <b>2019</b> , 7, 10047-10057 | 13   | 36 |
| 350 | 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 |
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| 263 | Facile synthesis of polymeric fluorescent organic nanoparticles based on the self-polymerization of dopamine for biological imaging. <i>Materials Science and Engineering C</i> , <b>2017</b> , 77, 972-977  | 8.3  | 139 |
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| 258 | Recent progress and development on polymeric nanomaterials for photothermal therapy: a brief overview. <i>Journal of Materials Chemistry B</i> , <b>2017</b> , 5, 194-206  | 7.3  | 165 |
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| 256 | Biomimetic PEGylation of carbon nanotubes through surface-initiated RAFT polymerization. <i>Materials Science and Engineering C</i> , <b>2017</b> , 80, 404-410  | 8.3  | 8   |
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| 253 | A facile strategy for fabrication of aggregation-induced emission (AIE) active fluorescent polymeric nanoparticles (FPNs) via post modification of synthetic polymers and their cell imaging. <i>Materials Science and Engineering C</i> , <b>2017</b> , 79, 590-595 | 8.3  | 55  |

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| 251 | Synthesis and cell imaging applications of amphiphilic AIE-active poly(amino acid)s. <i>Materials Science and Engineering C</i> , <b>2017</b> , 79, 563-569  | 8.3  | 94  |
| 250 | Multifunctional Fluorescent Magnetic Nanoparticles: Synthesis, Characterization and Targeted Cell Imaging Applications. <i>Chinese Journal of Chemistry</i> , <b>2017</b> , 35, 977-983  | 4.9  | 3   |
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| 247 | Synthesis of amphiphilic fluorescent copolymers with smart pH sensitivity via RAFT polymerization and their application in cell imaging. <i>Polymer Bulletin</i> , <b>2017</b> , 74, 4525-4536   | 2.4  | 7   |
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| 242 | Polymerizable aggregation-induced emission dye for preparation of cross-linkable fluorescent nanoprobe with ultra-low critical micelle concentrations. <i>Materials Science and Engineering C</i> , <b>2017</b> , 76, 586-592  | 8.3  | 19  |
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| 234 | Preparation of Chitosan-based Injectable Hydrogels and Its Application in 3D Cell Culture. <i>Journal of Visualized Experiments</i> , <b>2017</b> ,  | 1.6 | 4   |
| 233 | One-pot synthesis of AIE based bismuth sulfide nanotheranostics for fluorescence imaging and photothermal therapy. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2017</b> , 160, 297-304  | 6   | 15  |
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| 231 | 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  |
| 230 | Photo-responsive liquid crystalline vitrimer containing oligoanilines. <i>Chinese Chemical Letters</i> , <b>2017</b> , 28, 2139-2142   | 8.1 | 28  |
| 229 | Injectable and Self-Healing Thermosensitive Magnetic Hydrogel for Asynchronous Control Release of Doxorubicin and Docetaxel to Treat Triple-Negative Breast Cancer. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 33660-33673                               | 9.5 | 106 |
| 228 | Aggregation-Induced Emission Polymers <b>2017</b> , 1-60   |     |     |
| 227 | Structural Evolution and Formation Mechanism of the Soft Colloidal Arrays in the Core of PAAm Nanofibers by Electrospun Packing. <i>Langmuir</i> , <b>2017</b> , 33, 10291-10301   | 4   | 6   |
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| 225 | The one-step acetalization reaction for construction of hyperbranched and biodegradable luminescent polymeric nanoparticles with aggregation-induced emission feature. <i>Materials Science and Engineering C</i> , <b>2017</b> , 80, 543-548                                  | 8.3 | 25  |
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| 223 | 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   |
| 222 | Fabrication, self-assembly and biomedical applications of luminescent sodium hyaluronate with aggregation-induced emission feature. <i>Materials Science and Engineering C</i> , <b>2017</b> , 81, 120-126   | 8.3 | 24  |
| 221 | Buildup of Redox-Responsive Hybrid from Polyoxometalate and Redox-Active Conducting Oligomer: Its Self-Assemblies with Controllable Morphologies. <i>Chemistry - A European Journal</i> , <b>2017</b> , 23, 14860-14865  | 4.8 | 6   |
| 220 | 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 |
| 219 | Nanoclay cross-linked semi-IPN silk sericin/poly(NIPAm/LMSH) nanocomposite hydrogel: An outstanding antibacterial wound dressing. <i>Materials Science and Engineering C</i> , <b>2017</b> , 81, 303-313   | 8.3 | 35  |
| 218 | Post-polymerization modification via the Biginelli reaction to prepare water-soluble polymer adhesives. <i>Polymer Chemistry</i> , <b>2017</b> , 8, 5490-5495  | 4.9 | 11  |
| 217 | Controlling Vesicular Size via Topological Engineering of Amphiphilic Polymer in Polymerization-Induced Self-Assembly. <i>Macromolecules</i> , <b>2017</b> , 50, 9750-9759   | 5.5 | 37  |

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| 216 | Atomic-level molybdenum oxide nanorings with full-spectrum absorption and photoresponsive properties. <i>Nature Communications</i> , <b>2017</b> , 8, 1559  | 17.4 | 57  |
| 215 | 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  |
| 214 | 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 |
| 213 | Fabrication of robust mesh with anchored Ag nanoparticles for oil removal and in situ catalytic reduction of aromatic dyes. <i>Journal of Materials Chemistry A</i> , <b>2017</b> , 5, 15822-15827  | 13   | 47  |
| 212 | Fabrication of water dispersible and biocompatible AIE-active fluorescent polymeric nanoparticles through a one-pot Mannich reaction. <i>Polymer Chemistry</i> , <b>2017</b> , 8, 4746-4751   | 4.9  | 12  |
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| 210 | Modulus-regulated 3D-cell proliferation in an injectable self-healing hydrogel. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2017</b> , 149, 168-173  | 6    | 43  |
| 209 | Synthesis of RGO/Cu8S5/PPy Composite Nanosheets with Enhanced Peroxidase-Like Activity for Sensitive Colorimetric Detection of H2O2 and Phenol. <i>Particle and Particle Systems Characterization</i> , <b>2017</b> , 34, 1600233   | 3.1  | 28  |
| 208 | Osmotic Power Generation with Positively and Negatively Charged 2D Nanofluidic Membrane Pairs. <i>Advanced Functional Materials</i> , <b>2017</b> , 27, 1603623   | 15.6 | 209 |
| 207 | Enhanced conductivity of rGO/Ag NPs composites for electrochemical immunoassay of prostate-specific antigen. <i>Biosensors and Bioelectronics</i> , <b>2017</b> , 87, 466-472   | 11.8 | 75  |
| 206 | Multi-stimuli responsive and multi-functional oligoaniline-modified vitrimers. <i>Chemical Science</i> , <b>2017</b> , 8, 724-733   | 9.4  | 138 |
| 205 | Preparation of water soluble and biocompatible AIE-active fluorescent organic nanoparticles via multicomponent reaction and their biological imaging capability. <i>Chemical Engineering Journal</i> , <b>2017</b> , 308, 527-534   | 14.7 | 100 |
| 204 | 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  |
| 203 | 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  |
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| 201 | Synthesis of an injectable, self-healable and dual responsive hydrogel for drug delivery and 3D cell cultivation. <i>Polymer Chemistry</i> , <b>2017</b> , 8, 537-544   | 4.9  | 81  |
| 200 | Facile and highly efficient fabrication of graphene oxide-based polymer nanocomposites through mussel-inspired chemistry and their environmental pollutant removal application. <i>Journal of Materials Science</i> , <b>2017</b> , 52, 504-518   | 4.3  | 36  |
| 199 | High Temperature Hysteresis in Bio-Organic Field-Effect Transistor based on DNA-CTMA as Gate Dielectric. <i>Journal of Photopolymer Science and Technology = [Fotopolyma Konwakai Shi]</i> , <b>2017</b> , 30, 513-517  | 0.7  | 1   |



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| 198 | Biocompatible zwitterionic phosphorylcholine polymers with aggregation-induced emission feature. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2017</b> , 157, 166-173  | 6    | 9   |
| 197 | Highly Efficient Self-Healable and Dual Responsive Cellulose-Based Hydrogels for Controlled Release and 3D Cell Culture. <i>Advanced Functional Materials</i> , <b>2017</b> , 27, 1703174  | 15.6 | 228 |
| 196 | Photoinduced Mild Hyperthermia and Synergistic Chemotherapy by One-Pot-Synthesized Docetaxel-Loaded Poly(lactic-co-glycolic acid)/Polypyrrole Nanocomposites. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2016</b> , 8, 24445-54                        | 9.5  | 31  |
| 195 | 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  |
| 194 | Recent developments in polydopamine: an emerging soft matter for surface modification and biomedical applications. <i>Nanoscale</i> , <b>2016</b> , 8, 16819-16840   | 7.7  | 421 |
| 193 | Aggregation Induced Emission Fluorogens Based Nanotheranostics for Targeted and Imaging-Guided Chemo-Photothermal Combination Therapy. <i>Small</i> , <b>2016</b> , 12, 6568-6575  | 11   | 46  |
| 192 | One-step reduction and simultaneous decoration on various porous substrates: toward oil filtration from water. <i>RSC Advances</i> , <b>2016</b> , 6, 86019-86024  | 3.7  | 2   |
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| 185 | 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  |
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| 181 | Salt-induced aggregation of gold nanoparticles for photoacoustic imaging and photothermal therapy of cancer. <i>Nanoscale</i> , <b>2016</b> , 8, 4452-7  | 7.7  | 86  |

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| 180 | One-Step Coating toward Multifunctional Applications: Oil/Water Mixtures and Emulsions Separation and Contaminants Adsorption. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2016</b> , 8, 3333-9                                       | 9.5  | 101 |
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| 177 | Facile synthesis of a multifunctional copolymer via a concurrent RAFT-enzymatic system for theranostic applications. <i>Polymer Chemistry</i> , <b>2016</b> , 7, 546-552   | 4.9  | 17  |
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| 174 | Modulation of Osteogenesis in MC3T3-E1 Cells by Different Frequency Electrical Stimulation. <i>PLoS ONE</i> , <b>2016</b> , 11, e0154924   | 3.7  | 26  |
| 173 | A Facile Approach for Fabricating Dual-Function Membrane: Simultaneously Removing Oil from Water and Adsorbing Water-Soluble Proteins. <i>Advanced Materials Interfaces</i> , <b>2016</b> , 3, 1600291                                       | 4.6  | 22  |
| 172 | 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  |
| 171 | Multicomponent Combinatorial Polymerization via the Biginelli Reaction. <i>Journal of the American Chemical Society</i> , <b>2016</b> , 138, 8690-3  | 16.4 | 100 |
| 170 | Preparation of fluorescent organic nanoparticles from polyethylenimine and sucrose for cell imaging. <i>Materials Science and Engineering C</i> , <b>2016</b> , 68, 37-42  | 8.3  | 24  |
| 169 | Fluorescent protein-reactive polymers via one-pot combination of the Ugi reaction and RAFT polymerization. <i>Polymer Chemistry</i> , <b>2016</b> , 7, 4867-4872   | 4.9  | 17  |
| 168 | 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  |
| 167 | Biotemplated hierarchical polyaniline composite electrodes with high performance for flexible supercapacitors. <i>Journal of Materials Chemistry A</i> , <b>2016</b> , 4, 9133-9145  | 13   | 36  |
| 166 | Facile preparation and biological imaging of luminescent polymeric nanoprobe with aggregation-induced emission characteristics through Michael addition reaction. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2016</b> , 145, 795-801 | 6    | 7   |
| 165 | Facile synthesis of AIE-active amphiphilic polymers: Self-assembly and biological imaging applications. <i>Materials Science and Engineering C</i> , <b>2016</b> , 66, 215-220   | 8.3  | 90  |
| 164 | Regional Shape Control of Strategically Assembled Multishape Memory Vitrimers. <i>Advanced Materials</i> , <b>2016</b> , 28, 156-60  | 24   | 177 |
| 163 | Polydopamine coated shape memory polymer: enabling light triggered shape recovery, light controlled shape reprogramming and surface functionalization. <i>Chemical Science</i> , <b>2016</b> , 7, 4741-4747                                  | 9.4  | 94  |

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| 162 | Red fluorescent chitosan nanoparticles grafted with poly(2-methacryloyloxyethyl phosphorylcholine) for live cell imaging. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2016</b> , 144, 188-195   | 6   | 13  |
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| 160 | Effect of alkyl length dependent crystallinity for the mechanofluorochromic feature of alkyl phenothiazinyl tetraphenylethenyl acrylonitrile derivatives. <i>Journal of Materials Chemistry C</i> , <b>2016</b> , 4, 4786-4791               | 7.1 | 35  |
| 159 | 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  |
| 158 | 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                                 | 4.8 | 40  |
| 157 | Antibacterial Adhesion of Poly(methyl methacrylate) Modified by Borneol Acrylate. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2016</b> , 8, 28522-28528   | 9.5 | 34  |
| 156 | In situ dual-functional water purification with simultaneous oil removal and visible light catalysis. <i>Nanoscale</i> , <b>2016</b> , 8, 18558-18564  | 7.7 | 35  |
| 155 | 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   |
| 154 | One-pot preparation of cross-linked amphiphilic fluorescent polymer based on aggregation induced emission dyes. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2015</b> , 126, 273-9   | 6   | 20  |
| 153 | Multicomponent Polymerization System Combining Hantzsch Reaction and Reversible Addition Fragmentation Chain Transfer to Efficiently Synthesize Well-Defined Poly(1,4-dihydropyridine)s. <i>ACS Macro Letters</i> , <b>2015</b> , 4, 128-132 | 6.6 | 44  |
| 152 | Self-polymerization of dopamine and polyethyleneimine: novel fluorescent organic nanoprobes for biological imaging applications. <i>Journal of Materials Chemistry B</i> , <b>2015</b> , 3, 3476-3482  | 7.3 | 240 |
| 151 | Controllable multicolor switching of oligopeptide-based mechanochromic molecules: from gel phase to solid powder. <i>Journal of Materials Chemistry C</i> , <b>2015</b> , 3, 3399-3405   | 7.1 | 28  |
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| 147 | Preparation of biocompatible and photostable PEGylated red fluorescent nanoparticles for cellular imaging. <i>Polymer Chemistry</i> , <b>2015</b> , 6, 5891-5898   | 4.9 | 17  |
| 146 | Fabrication of cross-linked fluorescent polymer nanoparticles and their cell imaging applications. <i>Journal of Materials Chemistry C</i> , <b>2015</b> , 3, 1854-1860  | 7.1 | 37  |
| 145 | One-pot polymer modification of carbon nanotubes through mercaptoacetic acid locking imine reaction and $\pi$ -stacking. <i>RSC Advances</i> , <b>2015</b> , 5, 54133-54137  | 3.7 | 10  |

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| 141 | Fluorescent Glycopolymer Nanoparticles Based on Aggregation-Induced Emission Dyes: Preparation and Bioimaging Applications. <i>Macromolecular Chemistry and Physics</i> , <b>2015</b> , 216, 678-684    | 2.6 | 30  |
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| 139 | Mussel inspired preparation of highly dispersible and biocompatible carbon nanotubes. <i>RSC Advances</i> , <b>2015</b> , 5, 25329-25336  | 3.7 | 33  |
| 138 | One-step breaking and separating emulsion by tungsten oxide coated mesh. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2015</b> , 7, 8108-13   | 9.5 | 54  |
| 137 | Polymeric AIE-based nanoprobcs for biomedical applications: recent advances and perspectives. <i>Nanoscale</i> , <b>2015</b> , 7, 11486-508   | 7.7 | 453 |
| 136 | Preparation of emissive glucose-containing polymer nanoparticles and their cell imaging applications. <i>Polymer Chemistry</i> , <b>2015</b> , 6, 4455-4461   | 4.9 | 23  |
| 135 | A pure inorganic ZnO-Co3O4 overlapped membrane for efficient oil/water emulsions separation. <i>Scientific Reports</i> , <b>2015</b> , 5, 9688  | 4.9 | 63  |
| 134 | An Injectable, Self-Healing Hydrogel to Repair the Central Nervous System. <i>Advanced Materials</i> , <b>2015</b> , 27, 3518-24  | 24  | 366 |
| 133 | Marrying mussel inspired chemistry with SET-LRP: A novel strategy for surface functionalization of carbon nanotubes. <i>Journal of Polymer Science Part A</i> , <b>2015</b> , 53, 1872-1879             | 2.5 | 38  |
| 132 | A biocompatible cross-linked fluorescent polymer prepared via ring-opening PEGylation of 4-arm PEG-amine, itaconic anhydride, and an AIE monomer. <i>Polymer Chemistry</i> , <b>2015</b> , 6, 3634-3640 | 4.9 | 27  |
| 131 | The Ugi reaction in polymer chemistry: syntheses, applications and perspectives. <i>Polymer Chemistry</i> , <b>2015</b> , 6, 8233-8239  | 4.9 | 96  |
| 130 | Breathing Demulsification: A Three-Dimensional (3D) Free-Standing Superhydrophilic Sponge. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2015</b> , 7, 22264-71                                    | 9.5 | 55  |
| 129 | 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  |
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| 125 | Microorganism inspired hydrogels: fermentation capacity, gelation process and pore-forming mechanism under temperature stimulus. <i>RSC Advances</i> , <b>2015</b> , 5, 91937-91945                                      | 3.7  | 6   |
| 124 | Stimulus responsive cross-linked AIE-active polymeric nanoprobe: fabrication and biological imaging application. <i>Polymer Chemistry</i> , <b>2015</b> , 6, 8214-8221   | 4.9  | 59  |
| 123 | Multicomponent Copolycondensates via the Simultaneous Hantzsch and Biginelli Reactions. <i>ACS Macro Letters</i> , <b>2015</b> , 4, 1189-1193  | 6.6  | 38  |
| 122 | Synthesis and self-assembly of CO <sub>2</sub> -responsive dendronized triblock copolymers. <i>Polymer Chemistry</i> , <b>2015</b> , 6, 7427-7435  | 4.9  | 16  |
| 121 | Biomimic modification of graphene oxide. <i>New Journal of Chemistry</i> , <b>2015</b> , 39, 8172-8178   | 3.6  | 28  |
| 120 | Ultralight free-standing reduced graphene oxide membranes for oil-in-water emulsion separation. <i>Journal of Materials Chemistry A</i> , <b>2015</b> , 3, 20113-20117   | 13   | 87  |
| 119 | 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  |
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| 117 | A novel poly( $\epsilon$ -glutamic acid)/silk-sericin hydrogel for wound dressing: Synthesis, characterization and biological evaluation. <i>Materials Science and Engineering C</i> , <b>2015</b> , 48, 533-40          | 8.3  | 49  |
| 116 | Red fluorescent cross-linked glycopolymer nanoparticles based on aggregation induced emission dyes for cell imaging. <i>Polymer Chemistry</i> , <b>2015</b> , 6, 1360-1366   | 4.9  | 37  |
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| 114 | The power of one-pot: a hexa-component system containing $\pi$ -stacking, Ugi reaction and RAFT polymerization for simple polymer conjugation on carbon nanotubes. <i>Polymer Chemistry</i> , <b>2015</b> , 6, 509-513   | 4.9  | 48  |
| 113 | High performance and reversible ionic polypeptide hydrogel based on charge-driven assembly for biomedical applications. <i>Acta Biomaterialia</i> , <b>2015</b> , 11, 183-90   | 10.8 | 48  |
| 112 | Interaction of tannic acid with carbon nanotubes: enhancement of dispersibility and biocompatibility. <i>Toxicology Research</i> , <b>2015</b> , 4, 160-168  | 2.6  | 166 |
| 111 | Temperature-Induced Transformation from Large Compound Vesicles to Worm-like Aggregates by ABC Triblock Copolymer. <i>Chinese Journal of Chemistry</i> , <b>2015</b> , 33, 1338-1346                                     | 4.9  | 5   |
| 110 | A Novel Mechanochromic and Photochromic Polymer Film: When Rhodamine Joins Polyurethane. <i>Advanced Materials</i> , <b>2015</b> , 27, 6469-74   | 24   | 182 |
| 109 | CO <sub>2</sub> -Responsive Nanofibrous Membranes with Switchable Oil/Water Wettability. <i>Angewandte Chemie - International Edition</i> , <b>2015</b> , 54, 8934-8   | 16.4 | 232 |

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| 94  | Redox-responsive polymers for drug delivery: from molecular design to applications. <i>Polymer Chemistry</i> , <b>2014</b> , 5, 1519-1528  | 4.9  | 419 |
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| 89 | A fast and convenient cellulose hydrogel-coated colander for high-efficiency oil/water separation. <i>RSC Advances</i> , <b>2014</b> , 4, 32544-32548  | 3-7  | 36  |
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