

# Guangjian Zeng

## List of Publications by Year in descending order

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42  
papers

2,945  
citations

201674

27  
h-index

265206

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42  
docs citations

42  
times ranked

3078  
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent developments in polydopamine: an emerging soft matter for surface modification and biomedical applications. <i>Nanoscale</i> , 2016, 8, 16819-16840.	5.6	509
2	Preparation of amine functionalized carbon nanotubes via a bioinspired strategy and their application in Cu <sup>2+</sup> removal. <i>Applied Surface Science</i> , 2015, 343, 19-27.	6.1	313
3	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> , 2017, 499, 170-179.	9.4	240
4	Recent progress and development on polymeric nanomaterials for photothermal therapy: a brief overview. <i>Journal of Materials Chemistry B</i> , 2017, 5, 194-206.	5.8	183
5	Facile preparation of polyethylenimine-tannins coated SiO <sub>2</sub> hybrid materials for Cu <sup>2+</sup> removal. <i>Applied Surface Science</i> , 2018, 427, 535-544.	6.1	159
6	Facile synthesis of polymeric fluorescent organic nanoparticles based on the self-polymerization of dopamine for biological imaging. <i>Materials Science and Engineering C</i> , 2017, 77, 972-977.	7.3	145
7	Surface modification and drug delivery applications of MoS <sub>2</sub> nanosheets with polymers through the combination of mussel inspired chemistry and SET-LRP. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2018, 82, 205-213.	5.3	122
8	Synthesis and cell imaging applications of amphiphilic AIE-active poly(amino acid)s. <i>Materials Science and Engineering C</i> , 2017, 79, 563-569.	7.3	105
9	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> , 2016, 68, 446-454.	5.3	97
10	Surface modification of carbon nanotubes by combination of mussel inspired chemistry and SET-LRP. <i>Polymer Chemistry</i> , 2015, 6, 1786-1792.	3.9	85
11	PEGylation of carbon nanotubes via mussel inspired chemistry: Preparation, characterization and biocompatibility evaluation. <i>Applied Surface Science</i> , 2015, 351, 425-432.	6.1	74
12	Stimulus responsive cross-linked AIE-active polymeric nanoprobe: fabrication and biological imaging application. <i>Polymer Chemistry</i> , 2015, 6, 8214-8221.	3.9	65
13	Surface modification of carbon nanotubes via combination of mussel inspired chemistry and chain transfer free radical polymerization. <i>Applied Surface Science</i> , 2015, 346, 335-341.	6.1	63
14	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> , 2016, 4, 4033-4039.	5.8	54
15	Towards development of a versatile and efficient strategy for fabrication of GO based polymer nanocomposites. <i>Polymer Chemistry</i> , 2015, 6, 7211-7218.	3.9	52
16	Ultrafast Preparation of AIE-Active Fluorescent Organic Nanoparticles via a "One-Pot" Microwave-Assisted Kabachnik-Fields Reaction. <i>Macromolecular Rapid Communications</i> , 2016, 37, 1754-1759.	3.9	40
17	A powerful "one-pot" tool for fabrication of AIE-active luminescent organic nanoparticles through the combination of RAFT polymerization and multicomponent reactions. <i>Materials Chemistry Frontiers</i> , 2017, 1, 1051-1058.	5.9	40
18	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> , 2016, 4, 5692-5699.	5.8	38

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19	Surface modification of nanodiamond through metal free atom transfer radical polymerization. <i>Applied Surface Science</i> , 2016, 390, 710-717.	6.1	37
20	Mussel inspired preparation of amine-functionalized Kaolin for effective removal of heavy metal ions. <i>Materials Chemistry and Physics</i> , 2016, 181, 116-125.	4.0	37
21	Preparation and controlled drug delivery applications of mesoporous silica polymer nanocomposites through the visible light induced surface-initiated ATRP. <i>Applied Surface Science</i> , 2017, 412, 571-577.	6.1	36
22	Co3O4 nanowire@ultrathin Ni-Co layered double hydroxide core-shell arrays with vertical transfer channel for high-performance supercapacitor. <i>Journal of Electroanalytical Chemistry</i> , 2020, 859, 113887.	3.8	36
23	Mussel inspired preparation of highly dispersible and biocompatible carbon nanotubes. <i>RSC Advances</i> , 2015, 5, 25329-25336.	3.6	34
24	Surface polyPEGylation of Eu3+ doped luminescent hydroxyapatite nanorods through the combination of ligand exchange and metal free surface initiated atom transfer radical polymerization. <i>Applied Surface Science</i> , 2017, 399, 499-505.	6.1	33
25	Preparation of polymeric silica composites through polydopamine-mediated surface initiated ATRP for highly efficient removal of environmental pollutants. <i>Materials Chemistry and Physics</i> , 2017, 193, 501-511.	4.0	27
26	One-step synthesis, self-assembly and bioimaging applications of adenosine triphosphate containing amphiphiles with aggregation-induced emission feature. <i>Materials Science and Engineering C</i> , 2017, 73, 252-256.	7.3	27
27	A facile FeBr3 based photoATRP for surface modification of mesoporous silica nanoparticles for controlled delivery cisplatin. <i>Applied Surface Science</i> , 2018, 434, 204-210.	6.1	27
28	Surface grafting of Eu3+ doped luminescent hydroxyapatite nanomaterials through metal free light initiated atom transfer radical polymerization for theranostic applications. <i>Materials Science and Engineering C</i> , 2017, 77, 420-426.	7.3	26
29	Fabrication, self-assembly and biomedical applications of luminescent sodium hyaluronate with aggregation-induced emission feature. <i>Materials Science and Engineering C</i> , 2017, 81, 120-126.	7.3	26
30	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> , 2016, 37, 1657-1661.	3.9	25
31	Photo-induced surface grafting of phosphorylcholine containing copolymers onto mesoporous silica nanoparticles for controlled drug delivery. <i>Materials Science and Engineering C</i> , 2017, 79, 596-604.	7.3	25
32	Mussel inspired preparation of MoS2 based polymer nanocomposites: The case of polyPEGMA. <i>Applied Surface Science</i> , 2016, 387, 399-405.	6.1	24
33	Ultralayered core-shell metal oxide nanosheet arrays for supercapacitors with long-term electrochemical stability. <i>Sustainable Energy and Fuels</i> , 2018, 2, 2115-2123.	4.9	24
34	Facile synthesis and characterization of poly(levodopa)-modified silica nanocomposites via self-polymerization of levodopa and their adsorption behavior toward Cu2+. <i>Journal of Materials Science</i> , 2016, 51, 9625-9637.	3.7	22
35	Self-catalyzed photo-initiated RAFT polymerization for fabrication of fluorescent polymeric nanoparticles with aggregation-induced emission feature. <i>Materials Science and Engineering C</i> , 2018, 83, 154-159.	7.3	19
36	Facile Fabrication of AIE-Active Fluorescent Polymeric Nanoparticles with Ultra-Low Critical Micelle Concentration Based on Ce(IV) Redox Polymerization for Biological Imaging Applications. <i>Macromolecular Rapid Communications</i> , 2017, 38, 1600752.	3.9	17

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37	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> , 2017, 150, 114-120.	5.0	15
38	Nanodiamond based supermolecular nanocomposites: preparation and biocompatibility evaluation. <i>RSC Advances</i> , 2015, 5, 96983-96989.	3.6	14
39	Fabrication of water dispersible and biocompatible AIE-active fluorescent polymeric nanoparticles through a $\alpha$ -one-pot Mannich reaction. <i>Polymer Chemistry</i> , 2017, 8, 4746-4751.	3.9	14
40	Preparation of silica nanoparticle based polymer composites via mussel inspired chemistry and their enhanced adsorption capability towards methylene blue. <i>RSC Advances</i> , 2016, 6, 85213-85221.	3.6	10
41	Facile preparation, through Schiff base formation, of luminescent amphiphilic carbohydrate polymers with aggregation-induced emission characteristics for biological imaging. <i>RSC Advances</i> , 2016, 6, 76011-76016.	3.6	5
42	Facile fabrication of end-functional PLLA with AIEgens via Ugi reaction. <i>Polymer</i> , 2022, 239, 124432.	3.8	1