List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/3711322/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Dopamine-Induced Reduction and Functionalization of Graphene Oxide Nanosheets. Macromolecules, 2010, 43, 8336-8339.	4.8	719
2	Natural polyphenols as versatile platforms for material engineering and surface functionalization. Progress in Polymer Science, 2018, 87, 165-196.	24.7	225
3	One-pot synthesis of nitrogen and sulfur co-doped carbon dots and its application for sensor and multicolor cellular imaging. Journal of Colloid and Interface Science, 2017, 485, 167-174.	9.4	145
4	Surface Modification of Silicone for Biomedical Applications Requiring Long-Term Antibacterial, Antifouling, and Hemocompatible Properties. Langmuir, 2012, 28, 16408-16422.	3.5	139
5	Reduction of Graphene Oxide by Aniline with Its Concomitant Oxidative Polymerization. Macromolecular Rapid Communications, 2011, 32, 684-688.	3.9	135
6	Tea Stains-Inspired Initiator Primer for Surface Grafting of Antifouling and Antimicrobial Polymer Brush Coatings. Biomacromolecules, 2015, 16, 723-732.	5.4	122
7	Chitosan-Based Peptidopolysaccharides as Cationic Antimicrobial Agents and Antibacterial Coatings. Biomacromolecules, 2018, 19, 2156-2165.	5.4	108
8	Functionalized Mesoporous Silica Nanoparticles with Mucoadhesive and Sustained Drug Release Properties for Potential Bladder Cancer Therapy. Langmuir, 2014, 30, 6151-6161.	3.5	101
9	Functionalization of reduced graphene oxide nanosheets via stacking interactions with the fluorescent and water-soluble perylene bisimide-containing polymers. Polymer, 2011, 52, 2376-2383.	3.8	89
10	Facile synthesis of a two-tier hierarchical structured superhydrophobic-superoleophilic melamine sponge for rapid and efficient oil/water separation. Journal of Colloid and Interface Science, 2017, 506, 659-668.	9.4	89
11	Polymeric Nanoparticles with Encapsulated Superparamagnetic Iron Oxide and Conjugated Cisplatin for Potential Bladder Cancer Therapy. Biomacromolecules, 2012, 13, 2513-2520.	5.4	79
12	Hairy Hollow Microspheres of Fluorescent Shell and Temperature-Responsive Brushes via Combined Distillation-Precipitation Polymerization and Thiolâ^'ene Click Chemistry. Macromolecules, 2010, 43, 5797-5803.	4.8	77
13	Growing poly(<i>N</i> â€vinylcarbazole) from the surface of graphene oxide via RAFT polymerization. Journal of Polymer Science Part A, 2011, 49, 2043-2050.	2.3	76
14	Push–Pull archetype of reduced graphene oxide functionalized with polyfluorene for nonvolatile rewritable memory. Journal of Polymer Science Part A, 2012, 50, 378-387.	2.3	71
15	A highly sensitive aptasensor for OTA detection based on hybridization chain reaction and fluorescent perylene probe. Biosensors and Bioelectronics, 2016, 81, 125-130.	10.1	69
16	Synthesis of catechol and zwitterion-bifunctionalized poly(ethylene glycol) for the construction of antifouling surfaces. Polymer Chemistry, 2016, 7, 493-501.	3.9	68
17	Increasing bacterial affinity and cytocompatibility with four-arm star glycopolymers and antimicrobial α-polylysine. Polymer Chemistry, 2017, 8, 3364-3373.	3.9	67
18	Facile Synthesis of N, B-Doped Carbon Dots and Their Application for Multisensor and Cellular Imaging. Industrial & Engineering Chemistry Research, 2017, 56, 3905-3912.	3.7	60

#	Article	IF	CITATIONS
19	One-Pot Preparation of Ferrocene-Functionalized Polymer Brushes on Gold Substrates by Combined Surface-Initiated Atom Transfer Radical Polymerization and "Click Chemistry― Langmuir, 2010, 26, 15376-15382.	3.5	57
20	In Situ Synthesis and Nonvolatile Rewritableâ€Memory Effect of Polyanilineâ€Functionalized Graphene Oxide. Chemistry - A European Journal, 2013, 19, 6265-6273.	3.3	55
21	Poly(dopamine acrylamide)-co-poly(propargyl acrylamide)-modified titanium surfaces for â€~click' functionalization. Polymer Chemistry, 2012, 3, 920.	3.9	54
22	Rhodamine derivative-modified filter papers for colorimetric and fluorescent detection of Hg2+ in aqueous media. Journal of Materials Chemistry A, 2013, 1, 2526.	10.3	54
23	Tannic acid anchored layer-by-layer covalent deposition of parasin I peptide for antifouling and antimicrobial coatings. RSC Advances, 2016, 6, 14809-14818.	3.6	53
24	Sliding-Graft Interpenetrating Polymer Networks from Simultaneous "Click Chemistry―and Atom Transfer Radical Polymerization. Macromolecules, 2010, 43, 9761-9770.	4.8	52
25	Deposition of catechol-functionalized chitosan and silver nanoparticles on biomedical titanium surfaces for antibacterial application. Materials Science and Engineering C, 2019, 98, 649-656.	7.3	49
26	Simultaneous "Click Chemistry―and Atom Transfer Radical Emulsion Polymerization and Prepared Well-Defined Cross-Linked Nanoparticles. Macromolecules, 2009, 42, 6385-6392.	4.8	48
27	Antifouling and Antimicrobial Coatings from Zwitterionic and Cationic Binary Polymer Brushes Assembled via "Click―Reactions. Industrial & Engineering Chemistry Research, 2017, 56, 14479-14488.	3.7	46
28	Recent progress in tannic acid-driven antibacterial/antifouling surface coating strategies. Journal of Materials Chemistry B, 2022, 10, 2296-2315.	5.8	46
29	Hairy Hybrid Microrattles of Metal Nanocore with Functional Polymer Shell and Brushes. Macromolecules, 2011, 44, 2365-2370.	4.8	45
30	Selective removal of cationic dye from aqueous solution by low-cost adsorbent using phytic acid modified wheat straw. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2016, 509, 91-98.	4.7	45
31	pH-Sensitive Zwitterionic Polymer as an Antimicrobial Agent with Effective Bacterial Targeting. ACS Biomaterials Science and Engineering, 2018, 4, 40-46.	5.2	45
32	UV-Assisted Deposition of Antibacterial Ag–Tannic Acid Nanocomposite Coating. ACS Applied Materials & Interfaces, 2021, 13, 20708-20717.	8.0	45
33	CO ₂ -triggered fluorescence "turn-on―response of perylene diimide-containing poly(N,N-dimethylaminoethyl methacrylate). Journal of Materials Chemistry A, 2013, 1, 1207-1212.	10.3	44
34	Vancomycin-assisted green synthesis of reduced graphene oxide for antimicrobial applications. Journal of Colloid and Interface Science, 2018, 514, 733-739.	9.4	44
35	Conjugation of Polyphosphoester and Antimicrobial Peptide for Enhanced Bactericidal Activity and Biocompatibility. Biomacromolecules, 2016, 17, 4037-4044.	5.4	43
36	Antifouling Coatings via Tethering of Hyperbranched Polyglycerols on Biomimetic Anchors. Industrial & Engineering Chemistry Research, 2016, 55, 1890-1901.	3.7	42

#	Article	IF	CITATIONS
37	One-step self-assembly of biogenic Au NPs/PEG-based universal coatings for antifouling and photothermal killing of bacterial pathogens. Chemical Engineering Journal, 2021, 421, 130005.	12.7	41
38	Nanostructured polystyrene/polyaniline/graphene hybrid materials for electrochemical supercapacitor and Na-ion battery applications. Journal of Materials Science, 2015, 50, 5466-5474.	3.7	40
39	An antimicrobial peptide with an aggregation-induced emission (AIE) luminogen for studying bacterial membrane interactions and antibacterial actions. Chemical Communications, 2017, 53, 3315-3318.	4.1	40
40	Thiol Reactive Maleimido-Containing Tannic Acid for the Bioinspired Surface Anchoring and Post-Functionalization of Antifouling Coatings. ACS Sustainable Chemistry and Engineering, 2016, 4, 4264-4272.	6.7	39
41	Tea Stains-Inspired Antifouling Coatings Based on Tannic Acid-Functionalized Agarose. ACS Sustainable Chemistry and Engineering, 2017, 5, 3055-3062.	6.7	37
42	Layer-by-layer deposition of antifouling coatings on stainless steel via catechol-amine reaction. RSC Advances, 2014, 4, 32335-32344.	3.6	36
43	PEG-based hydrogels prepared by catalyst-free thiol–yne addition and their post-antibacterial modification. Biomaterials Science, 2016, 4, 1663-1672.	5.4	36
44	Antifouling, Antimicrobial, and Antibiocorrosion Multilayer Coatings Assembled by Layer-by-layer Deposition Involving Host–Guest Interaction. Industrial & Engineering Chemistry Research, 2016, 55, 10906-10915.	3.7	36
45	Carboxymethyl Chitosan-Functionalized Magnetic Nanoparticles for Disruption of Biofilms of Staphylococcus aureus and Escherichia coli. Industrial & Engineering Chemistry Research, 2012, 51, 13164-13172.	3.7	33
46	Poly(vinylidene fluoride-co-hexafluoropropylene)-graft-poly(dopamine methacrylamide) copolymers: A nonlinear dielectric material for high energy density storage. Applied Physics Letters, 2013, 103, .	3.3	31
47	Photoinduced anchoring and micropatterning of macroinitiators on polyurethane surfaces for graft polymerization of antifouling brush coatings. Journal of Materials Chemistry B, 2014, 2, 398-408.	5.8	31
48	In situ preparation of porous metal-organic frameworks ZIF-8@Ag on poly-ether-ether-ketone with synergistic antibacterial activity. Colloids and Surfaces B: Biointerfaces, 2021, 205, 111920.	5.0	31
49	A poly(vinylidene fluoride)-graft-poly(dopamine acrylamide) copolymer for surface functionalizable membranes. RSC Advances, 2013, 3, 25204.	3.6	30
50	Cyclodextrin-functionalized graphene nanosheets, and their host-guest polymer nanohybrids. Polymer, 2013, 54, 2264-2271.	3.8	30
51	Multifunctional SGQDs-CORM@HA nanosheets for bacterial eradication through cascade-activated "nanoknife―effect and photodynamic/CO gas therapy. Biomaterials, 2021, 277, 121084.	11.4	30
52	Co-delivery of peptide-modified cisplatin and doxorubicin via mucoadhesive nanocapsules for potential synergistic intravesical chemotherapy of non-muscle-invasive bladder cancer. European Journal of Pharmaceutical Sciences, 2016, 84, 103-115.	4.0	29
53	Simultaneous deposition of tannic acid and poly(ethylene glycol) to construct the antifouling polymeric coating on Titanium surface. Colloids and Surfaces B: Biointerfaces, 2021, 200, 111592.	5.0	29
54	Water-soluble highly fluorescent poly[poly(ethylene glycol) methyl ether methacrylate] for cell labeling. Journal of Materials Chemistry, 2011, 21, 6502.	6.7	27

#	Article	IF	CITATIONS
55	pH-Sensitive Theranostic Nanoparticles for Targeting Bacteria with Fluorescence Imaging and Dual-Modal Antimicrobial Therapy. ACS Applied Nano Materials, 2018, 1, 6187-6196.	5.0	27
56	A well-defined amphiphilic polymer co-network from precise control of the end-functional groups of linear RAFT polymers. RSC Advances, 2014, 4, 8144.	3.6	26
57	Clickable poly(ester amine) dendrimer-grafted Fe3O4 nanoparticles prepared via successive Michael addition and alkyne–azide click chemistry. Polymer Chemistry, 2011, 2, 1312.	3.9	25
58	Antifouling Coatings of Catecholamine Copolymers on Stainless Steel. Industrial & Engineering Chemistry Research, 2015, 54, 5959-5967.	3.7	25
59	Catecholamine-Induced Electroless Metallization of Silver on Silica@Polymer Hybrid Nanospheres and Their Catalytic Applications. Industrial & Engineering Chemistry Research, 2014, 53, 3116-3124.	3.7	24
60	<scp>Polyurethaneâ€based</scp> composites with promising antibacterial properties. Journal of Applied Polymer Science, 2022, 139, .	2.6	24
61	Hydrothermal derived protoporphyrin IX nanoparticles for inactivation and imaging of bacteria strains. Journal of Colloid and Interface Science, 2019, 549, 72-79.	9.4	23
62	Preparation and applications of functional nanofibers based on the combination of electrospinning, controlled radical polymerization and †̃Click Chemistry'. Nanoscale, 2010, 2, 1348.	5.6	22
63	Reactive Graphene Oxide Nanosheets: A Versatile Platform for the Fabrication of Graphene Oxide–Biomolecule/Polymer Nanohybrids. Macromolecular Rapid Communications, 2013, 34, 234-238.	3.9	22
64	Highly sensitive aflatoxin B1 sensor based on DNA-guided assembly of fluorescent probe and TdT-assisted DNA polymerization. Food Chemistry, 2019, 294, 19-26.	8.2	22
65	Synthesis and characterization of fluorescent perylene bisimide-containing glycopolymers for Escherichia coli conjugation and cell imaging. Polymer, 2011, 52, 5764-5771.	3.8	21
66	Intradermal administration of green synthesized nanosilver (NS) through film-coated PEGDA microneedles for potential antibacterial applications. Biomaterials Science, 2021, 9, 2244-2254.	5.4	21
67	Fluorescent nanoparticles from self-assembly of β-cyclodextrin-functionalized fluorene copolymers for organic molecule sensing and cell labeling. Polymer Chemistry, 2012, 3, 2444.	3.9	20
68	Quaternized poly(2-(dimethylamino)ethyl methacrylate)-grafted agarose copolymers for multipurpose antibacterial applications. RSC Advances, 2015, 5, 61742-61751.	3.6	20
69	Nitrogen-enriched carbon sheets derived from egg white by using expanded perlite template and its high-performance supercapacitors. Nanotechnology, 2015, 26, 345401.	2.6	20
70	The large electrochemical capacitance of nitrogen-doped mesoporous carbon derived from egg white by using a ZnO template. RSC Advances, 2015, 5, 98177-98183.	3.6	19
71	Sugar-Grafted Cyclodextrin Nanocarrier as a "Trojan Horse―for Potentiating Antibiotic Activity. Pharmaceutical Research, 2016, 33, 1161-1174.	3.5	19
72	Improvement of antibacterial activity of hydrothermal treated TC4 substrate through an in-situ grown TiO2/g-C3N4 Z-scheme heterojunction film. Journal of Alloys and Compounds, 2020, 842, 155612.	5.5	19

#	Article	IF	CITATIONS
73	Amino-containing tannic acid derivative-mediated universal coatings for multifunctional surface modification. Biomaterials Science, 2020, 8, 2120-2128.	5.4	19
74	Tannic acid-assisted deposition of silk sericin on the titanium surfaces for antifouling application. Colloids and Interface Science Communications, 2020, 35, 100241.	4.1	19
75	Stimuli-responsive hydrogels prepared by simultaneous "click chemistry―and metal–ligand coordination. RSC Advances, 2015, 5, 18242-18251.	3.6	17
76	Preparation of mechanically-tough and thermo-responsive polyurethane-poly(ethylene glycol) hydrogels. Reactive and Functional Polymers, 2017, 117, 81-88.	4.1	17
77	High strength biocompatible PEG single-network hydrogels. RSC Advances, 2014, 4, 25241-25250.	3.6	16
78	Wellâ€Defined Poly(ethylene glycol) Hydrogels with Enhanced Mechanical Performance Prepared by Thermally Induced Copperâ€Catalyzed Azide–Alkyne Cycloaddition. Macromolecular Materials and Engineering, 2016, 301, 1374-1382.	3.6	15
79	Antifouling coatings based on covalently cross-linked agarose film via thermal azide-alkyne cycloaddition. Colloids and Surfaces B: Biointerfaces, 2016, 141, 65-73.	5.0	15
80	Conjugation of Lectin to Poly(ε-caprolactone)-block-glycopolymer Micelles for In Vitro Intravesical Drug Delivery. Polymers, 2016, 8, 379.	4.5	14
81	Vancomycin-conjugated polythiophene for the detection and imaging of Gram-positive bacteria. Journal of Materials Chemistry B, 2017, 5, 8814-8820.	5.8	14
82	A tetraphenylethene and maltoheptaose conjugate with aggregation-induced emission (AIE) characteristic for temperature sensors. New Journal of Chemistry, 2018, 42, 14709-14712.	2.8	14
83	Phytic Acid-Promoted rapid fabrication of natural polypeptide coatings for multifunctional applications. Chemical Engineering Journal, 2022, 440, 135917.	12.7	14
84	Biomimetic anchors applied to the host-guest antifouling functionalization of titanium substrates. Journal of Colloid and Interface Science, 2016, 475, 8-16.	9.4	13
85	Recent Developments in Controlled Release of Antibiotics. Current Pharmaceutical Design, 2018, 24, 911-925.	1.9	12
86	Mussel Adhesive Mimetic Silk Sericin Prepared by Enzymatic Oxidation for the Construction of Antibacterial Coatings. ACS Biomaterials Science and Engineering, 2021, 7, 3379-3388.	5.2	11
87	Synthesis and self-assembly of four-armed star copolymer based on poly(ethylene brassylate) hydrophobic block as potential drug carries. Journal of Nanoparticle Research, 2016, 18, 1.	1.9	10
88	Cationic porphyrin-based nanoparticles for photodynamic inactivation and identification of bacteria strains. Biomaterials Science, 2022, 10, 3006-3016.	5.4	10
89	A Well-Defined Amphiphilic Polymer Conetwork from Sequence Control of the Cross-Linking in Polymer Chains. Industrial & Engineering Chemistry Research, 2014, 53, 19239-19248.	3.7	9
90	Preparation of thermoresponsive fluorescent carbon dots for cellular imaging. Polymer International, 2017, 66, 92-97.	3.1	9

#	Article	IF	CITATIONS
91	Robust anti-infective multilayer coatings with rapid self-healing property. Materials Science and Engineering C, 2021, 121, 111828.	7.3	9
92	A maltoheptaose-decorated BODIPY photosensitizer for photodynamic inactivation of Gram-positive bacteria. New Journal of Chemistry, 2019, 43, 15057-15065.	2.8	8
93	Preparation of well-defined fibrous hydrogels via electrospinning and in situ "click chemistry― RSC Advances, 2016, 6, 27871-27878.	3.6	7
94	Lanthanide ions-induced formation of hierarchical and transparent polysaccharide hybrid films. Carbohydrate Polymers, 2017, 163, 28-33.	10.2	7
95	Surface co-deposition of polypyrrole nanoparticles and tannic acid for photothermal bacterial eradication. Colloids and Surfaces B: Biointerfaces, 2022, 212, 112381.	5.0	7
96	The synthesis of hydrogels with controlled distribution of polymer brushes in hydrogel network. Applied Surface Science, 2014, 320, 818-828.	6.1	6
97	PEGylated Metalloporphyrin Nanoparticles as a Promising Catalyst for the Heterogeneous Oxidation of Cyclohexene in Water. Macromolecular Chemistry and Physics, 2015, 216, 417-426.	2.2	6
98	Quaternary ammonium functionalized cationic polythiophene for the detection and imaging of gram-positive bacteria. Polymer Bulletin, 2022, 79, 2747-2761.	3.3	6
99	PEGylated Fluorescent Nanoparticles from One-Pot Atom Transfer Radical Polymerization and "Click Chemistry― Polymers, 2015, 7, 2119-2130.	4.5	5
100	Ruthenium(II)–terpyridine complexes-containing glyconanoparticles for one- and two-photon excited fluorescence imaging. European Polymer Journal, 2015, 71, 279-288.	5.4	3
101	Green synthesis of perylene diimide-based nanodots for carbon dioxide sensing, antibacterial activity prediction and bacterial discrimination. Dyes and Pigments, 2020, 176, 108245.	3.7	2
102	Biomimetic Anchors for Antifouling and Antibacterial Polymeric Coatings. ACS Symposium Series, 2018, , 233-261.	0.5	1