

Bowen Dong

List of Publications by Citations

Source: <https://exaly.com/author-pdf/1823577/bowen-dong-publications-by-citations.pdf>

Version: 2024-04-26

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

86
papers

1,845
citations

25
h-index

39
g-index

90
ext. papers

2,301
ext. citations

4.9
avg, IF

5.22
L-index

#	Paper	IF	Citations
86	Tannic Acid Induced Self-Assembly of Three-Dimensional Graphene with Good Adsorption and Antibacterial Properties. <i>ACS Sustainable Chemistry and Engineering</i> , 2016 , 4, 1404-1413	8.3	168
85	UV-Curable Coatings from Multiarmed Cardanol-Based Acrylate Oligomers. <i>ACS Sustainable Chemistry and Engineering</i> , 2015 , 3, 1313-1320	8.3	91
84	Extremely deep photopolymerization using upconversion particles as internal lamps. <i>Polymer Chemistry</i> , 2016 , 7, 2457-2463	4.9	83
83	Tannic acid functionalized graphene hydrogel for entrapping gold nanoparticles with high catalytic performance toward dye reduction. <i>Journal of Hazardous Materials</i> , 2015 , 300, 615-623	12.8	80
82	In situ green synthesis of Au nanoparticles onto polydopamine-functionalized graphene for catalytic reduction of nitrophenol. <i>RSC Advances</i> , 2014 , 4, 64816-64824	3.7	79
81	Readily recyclable, high-performance thermosetting materials based on a lignin-derived spiro diacetal trigger. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 1233-1243	13	78
80	Highly efficient dandelion-like near-infrared light photoinitiator for free radical and thiol-ene photopolymerizations. <i>Nature Communications</i> , 2019 , 10, 3560	17.4	60
79	3D printing of multi-scalable structures via high penetration near-infrared photopolymerization. <i>Nature Communications</i> , 2020 , 11, 3462	17.4	56
78	Synthesis of Water-Dispersible Molecularly Imprinted Electroactive Nanoparticles for the Sensitive and Selective Paracetamol Detection. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 21028-38	9.5	50
77	A facile approach for imprinting protein on the surface of multi-walled carbon nanotubes. <i>Talanta</i> , 2014 , 120, 76-83	6.2	49
76	Synthesis of New Biobased Antibacterial Methacrylates Derived from Tannic Acid and Their Application in UV-Cured Coatings. <i>Industrial & Engineering Chemistry Research</i> , 2014 , 53, 10835-10840	2.9	46
75	Highly stable thiol-ene systems: from their structure-property relationship to DLP 3D printing. <i>Journal of Materials Chemistry C</i> , 2018 , 6, 11561-11568	7.1	45
74	Cardanol-based oligomers with hard core, flexible shell structures: from synthesis to UV curing applications. <i>Green Chemistry</i> , 2015 , 17, 3319-3325	10	37
73	Synthesis of Temperature/pH Dual-Stimuli-Response Multicompartmental Microcapsules via Pickering Emulsion for Preprogrammable Payload Release. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 4821-4832	9.5	36
72	Cross-linked micelles of graftlike block copolymer bearing biodegradable ϵ -caprolactone branches: a novel delivery carrier for paclitaxel. <i>Journal of Materials Chemistry</i> , 2012 , 22, 373-380		35
71	Efficient photopolymerization of thick pigmented systems using upconversion nanoparticles-assisted photochemistry. <i>Journal of Polymer Science Part A</i> , 2018 , 56, 994-1002	2.5	32
70	Layer-by-layer self-assembled hybrid multilayer films based on poly(sodium 4-styrenesulfonate) stabilized graphene with polyaniline and their electrochemical sensing properties. <i>RSC Advances</i> , 2013 , 3, 17866	3.7	32

69	Thioxanthone acetic acid ammonium salts: highly efficient photobase generators based on photodecarboxylation. <i>RSC Advances</i> , 2015 , 5, 53342-53348	3.7	30
68	A nanocomposite consisting of carbon nanotubes and gold nanoparticles in an amphiphilic copolymer for voltammetric determination of dopamine, paracetamol and uric acid. <i>Mikrochimica Acta</i> , 2017 , 184, 1739-1745	5.8	28
67	A glassy carbon electrode modified with an amphiphilic, electroactive and photosensitive polymer and with multi-walled carbon nanotubes for simultaneous determination of dopamine and paracetamol. <i>Mikrochimica Acta</i> , 2016 , 183, 1543-1551	5.8	28
66	Cleavable Unimolecular Photoinitiators Based on Oxime-Ester Chemistry for Two-Photon Three-Dimensional Printing. <i>ChemPhotoChem</i> , 2019 , 3, 1090-1094	3.3	27
65	Layer-by-layer assembled ionic-liquid functionalized graphene/polyaniline nanocomposite with enhanced electrochemical sensing properties. <i>Journal of Materials Chemistry C</i> , 2014 , 2, 4818	7.1	27
64	Deep Thiol-ene Photopolymerization Using Upconversion Nanoparticle-assisted Photochemistry. <i>Chemistry Letters</i> , 2016 , 45, 1054-1056	1.7	26
63	Pd(OAc) ₂ /S=PPh ₃ accelerated activation of gem-dichloroalkenes for the construction of 3-arylchromones. <i>Chemical Communications</i> , 2015 , 51, 17576-9	5.8	25
62	Bio-based epoxy-anhydride thermosets from six-armed linoleic acid-derived epoxy resin. <i>RSC Advances</i> , 2016 , 6, 52549-52555	3.7	25
61	Humidity sensor fabricated by inkjet-printing photosensitive conductive inks PEDOT:PVMA on a paper substrate. <i>RSC Advances</i> , 2016 , 6, 47498-47508	3.7	25
60	Tannic acid stabilized silver nanoparticles for inkjet printing of conductive flexible electronics. <i>RSC Advances</i> , 2016 , 6, 83720-83729	3.7	23
59	Sustainable valorization of lignin with levulinic acid and its application in polyimine thermosets. <i>Green Chemistry</i> , 2019 , 21, 4964-4970	10	23
58	Synthesis of inhibitor-loaded polyaniline microcapsules with dual anti-corrosion functions for protection of carbon steel. <i>Electrochimica Acta</i> , 2020 , 364, 137299	6.7	23
57	Near-infrared light induced cationic polymerization based on upconversion and ferrocenium photochemistry. <i>Polymer Chemistry</i> , 2019 , 10, 5574-5577	4.9	22
56	Efficient unimolecular photoinitiators for simultaneous hybrid thiol/ene/epoxy photopolymerization under visible LED light irradiation. <i>Polymer Chemistry</i> , 2017 , 8, 1579-1588	4.9	21
55	Dispersion of carbon nanotubes in water by self-assembled micelles of branched amphiphilic multifunctional copolymers with photosensitivity and electroactivity. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 14481-14492	13	21
54	Synthesis of Vanillin-Based Polyimine Vitrimers with Excellent Reprocessability, Fast Chemical Degradability, and Adhesion. <i>ACS Applied Polymer Materials</i> , 2020 , 2, 5716-5725	4.3	21
53	Conjugated Carbazole-Based Schiff Bases as Photoinitiators: From Facile Synthesis to Efficient Two-Photon Polymerization. <i>Journal of Polymer Science Part A</i> , 2018 , 56, 2692-2700	2.5	19
52	Antimicrobial Thiol-ene-acrylate Photosensitive Resins for DLP 3D Printing. <i>Photochemistry and Photobiology</i> , 2019 , 95, 1219-1229	3.6	18

51	Stiff Self-Healing Coating Based on UV-Curable Polyurethane with a "Hard Core, Flexible Arm" Structure. <i>ACS Omega</i> , 2018 , 3, 11128-11135	3.9	18
50	Noncovalent functionalization of carbon nanotube using poly(vinylcarbazole)-based compatibilizer for reinforcement and conductivity improvement in epoxy composite. <i>Journal of Applied Polymer Science</i> , 2017 , 134,	2.9	17
49	Photopolymerization of Macroscale Black 3D Objects Using Near-Infrared Photochemistry. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 58287-58294	9.5	17
48	One-Pot Synthesis of Benzimidazo[1,2-f]phenanthridines by Cascade Palladium-Catalyzed N-Arylation and Intramolecular C _H Coupling. <i>European Journal of Organic Chemistry</i> , 2013 , 2013, 7683-7687	3.2	17
47	Layer-by-layer inkjet printing SPS:PEDOT NP/RGO composite film for flexible humidity sensors. <i>RSC Advances</i> , 2016 , 6, 113298-113306	3.7	16
46	Three-dimensional Ag ⁺ /annic acid/graphene as an antibacterial material. <i>New Journal of Chemistry</i> , 2016 , 40, 6332-6339	3.6	16
45	Preparation of surface self-concentration and contact-killing antibacterial coating through UV curing. <i>RSC Advances</i> , 2015 , 5, 34199-34205	3.7	15
44	Reactive copolymer functionalized graphene sheet for enhanced mechanical and thermal properties of epoxy composites. <i>Journal of Polymer Science Part A</i> , 2015 , 53, 2776-2785	2.5	15
43	Multiwalled carbon nanotubes noncovalently functionalized by electro-active amphiphilic copolymer micelles for selective dopamine detection. <i>RSC Advances</i> , 2015 , 5, 18233-18241	3.7	15
42	Highly flexible, transparent cellulose composite films used in UV imprint lithography. <i>Cellulose</i> , 2013 , 20, 907-918	5.5	14
41	Synthesis of UV-curable polycarbonate diols (PCDL)-based polyurethane acrylate for negative photoresist. <i>Polymer Bulletin</i> , 2016 , 73, 647-659	2.4	12
40	Silyl-based initiators for two-photon polymerization: from facile synthesis to quantitative structure-activity relationship analysis. <i>Polymer Chemistry</i> , 2017 , 8, 6644-6653	4.9	11
39	Phenacyl Phenothiazinium Salt as a New Broad-Wavelength-Absorbing Photoinitiator for Cationic and Free Radical Polymerizations. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 16917-16921	16.4	11
38	Carbanion as a Superbase for Catalyzing Thiol/Epoxy Photopolymerization. <i>Polymers</i> , 2017 , 9,	4.5	10
37	Preparation of dual-chamber microcapsule by Pickering emulsion for self-healing application with ultra-high healing efficiency. <i>Journal of Colloid and Interface Science</i> , 2021 , 600, 660-669	9.3	10
36	Chemiluminescence Induced Cationic Photopolymerization Using Sulfonium Salt. <i>ACS Macro Letters</i> , 2020 , 9, 471-475	6.6	8
35	Chemiluminescence-Induced Free Radical-Promoted Cationic Polymerization. <i>Macromolecular Rapid Communications</i> , 2020 , 41, e2000004	4.8	8
34	Micelle-assisted synthesis of PANI nanoparticles and application as particulate emulsifier. <i>Colloid and Polymer Science</i> , 2014 , 292, 653-660	2.4	8

33	Micelle-encapsulated multi-wall carbon nanotubes with photosensitive copolymer and its application in the detection of dopamine. <i>Colloid and Polymer Science</i> , 2014 , 292, 153-161	2.4	8
32	Preparation and characterization of carboxylterminated poly (butadiene-co-acrylonitrile) -epoxy resin prepolymers for fusion-bonded-epoxy powder coating. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2012 , 27, 694-701	1	8
31	Synthesis and properties of UV-curable cardanol-based acrylate oligomers with cyclotriphosphazene core 2019 , 16, 179-188		7
30	Synthesis of fluorinated polycarbonate-based polyurethane acrylate for UV-curable coatings 2017 , 14, 233-241		7
29	Synthesis of double-hydrophilic poly(methylacrylic acid)-poly(ethylene glycol)-poly(methylacrylic acid) triblock copolymers and their micelle formation. <i>Polymer International</i> , 2011 , 60, 327-332	3.3	7
28	One-pot synthesis of branched alternating copolymers P(St-alt-MAn) via free radical polymerization in the presence of chain transfer monomer. <i>Polymer Bulletin</i> , 2013 , 70, 1795-1803	2.4	6
27	Hollow Microcapsules with Controlled Mechanical Properties Templated from Pickering Emulsion Droplets. <i>Macromolecular Chemistry and Physics</i> , 2019 , 220, 1800395	2.6	6
26	Efficient Benzodioxole-based unimolecular photoinitiators: From synthesis to photopolymerization under UV-A and visible LED light irradiation. <i>Journal of Applied Polymer Science</i> , 2016 , 133, n/a-n/a	2.9	5
25	Conjugated Ketocarbazoles as Efficient Photoinitiators: From Facile Synthesis to Efficient Two-photon Polymerization. <i>Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi]</i> , 2019 , 32, 257-264	0.7	5
24	Synthesis of novel branched UV-curable methacrylate copolymer and its application in negative photoresist. <i>Polymer Bulletin</i> , 2015 , 72, 523-533	2.4	4
23	Synthesis and properties of UV-curable hyperbranched polyurethane and its application in the negative-type photoresist. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2014 , 29, 208-212	1	4
22	Synthesis of novel copolymer based on precipitation polymerization and its application in positive-tone photoresist. <i>Journal of Polymer Research</i> , 2017 , 24, 1	2.7	4
21	Novel partially bio-based fluorinated polyimides from dimer fatty diamine for UV-cured coating 2017 , 14, 1325-1334		4
20	Completely green synthesis of Ag nanoparticles stabilized by soy protein isolate under UV irradiation. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2012 , 27, 852-856	1	4
19	Synthesis of chemically amplified photoresist polymer containing four (Meth)acrylate monomers via RAFT polymerization and its application for KrF lithography. <i>Journal of Polymer Research</i> , 2016 , 23, 1	2.7	4
18	A new anthraquinone derivative as a near UV and visible light photoinitiator for free-radical, thiolene and cationic polymerizations. <i>Polymer Chemistry</i> , 2021 , 12, 3299-3306	4.9	4
17	Novel Star Polymers as Chemically Amplified Positive-Tone Photoresists for KrF Lithography Applications. <i>Industrial & Engineering Chemistry Research</i> , 2018 , 57, 6790-6796	3.9	3
16	Photo-sensitive bio-based copolymer containing cholic acids: novel functional materials for 248nm photoresist. <i>Journal of Polymer Research</i> , 2018 , 25, 1	2.7	3

15	Photosensitive acrylate copolymer for electrodeposition photoresist. <i>Polymer Science - Series A</i> , 2013 , 55, 225-232	1.2	3
14	Design and synthesis of water-soluble photosensitive β -cyclodextrin and its application in dispersing carbon nanotubes. <i>Journal of Applied Polymer Science</i> , 2013 , 130, 2588-2593	2.9	3
13	A photosensitive copolymer for UV-curable electrodeposition coatings. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2011 , 26, 1098-1102	1	3
12	Synthesis of robust polyaniline microcapsules via UV-initiated emulsion polymerization for self-healing and anti-corrosion coating. <i>Progress in Organic Coatings</i> , 2022 , 162, 106592	4.8	3
11	Methods to Evaluate Near-Infrared Photoinitiating Systems for Photopolymerisation Reactions Assisted By Upconversion Materials. <i>ChemPhotoChem</i> , 2021 , 5, 915	3.3	3
10	One-pot synthesis of molecular glass photoresists based on β -cyclodextrin containing a t-butyloxy carbonyl group for i-line lithography. <i>Polymer Bulletin</i> , 2017 , 74, 1091-1101	2.4	2
9	Hollow particles templated from Pickering emulsion with high thermal stability and solvent resistance: Young investigator perspective. <i>Journal of Colloid and Interface Science</i> , 2019 , 542, 144-150	9.3	2
8	Robust Damage-Reporting Strategy Enabled by Dual-Compartment Microcapsules. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 14518-14529	9.5	2
7	Novel one-component molecular glass photoresist based on cyclotriphosphazene containing t-butyloxy carbonyl group for i-line lithography. <i>Journal of Polymer Research</i> , 2017 , 24, 1	2.7	1
6	Preparation and Properties of Aqueous SCNTs Dispersion based on A UV-curable Polymeric Dispersant. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2018 , 33, 485-491	1	1
5	Electric-field-induced aggregation of polymeric micelles to construct secondary assembly films. <i>Journal of Applied Polymer Science</i> , 2013 , 127, 2816-2822	2.9	1
4	An Efficient Approach to Prepare Carbon Nanotube-Gold Nanoparticles Nanocomposites Based on Amphiphilic Copolymer Containing Coumarin. <i>Chemistry Letters</i> , 2015 , 44, 1497-1499	1.7	1
3	Synthesis of graphene oxide functionalized by phytic acid for anticorrosive reinforcement of waterborne epoxy coating. <i>Journal of Applied Polymer Science</i> , 51910	2.9	0
2	Phenacyl Phenothiazinium Salt as a New Broad-Wavelength-Absorbing Photoinitiator for Cationic and Free Radical Polymerizations. <i>Angewandte Chemie</i> , 2021 , 133, 17054-17058	3.6	0
1	Filling Aggregation-Induced Extinction Mechanism in Near-Infrared Photopolymerization for Gradient and Highly Filled Bulk Materials. <i>Macromolecules</i> , 2022 , 55, 2075-2084	5.5	0