Martina H Stenzel

List of Publications by Year
in descending order

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390 papers	23,816 citations	6486 82 h-index	16186 128 g-index
406 all docs	406 docs citations	406 times ranked	18448 citing authors

#	Article	IF	Citations
1	Efficient Synthesis and Wetting Characteristics of Amphiphilic Galactoseâ€“PLA Block Copolymers: A Potential Additive for the Accelerated Biodegradation of Microâ€•and Nanoplastics. Macromolecular Chemistry and Physics, 2023, 224, .	1.1	2
2	Enabling peristalsis of human colon tumor organoids on microfluidic chips. Biofabrication, 2022, 14, 015006.	3.7	27
3	Progress of albumin-polymer conjugates as efficient drug carriers. Pure and Applied Chemistry, 2022, 94, 983-997.	0.9	1
4	Rapid Online Analysis of Photopolymerization Kinetics and Molecular Weight Using Diffusion NMR. ACS Macro Letters, 2022, 11, 166-172.	2.3	13
5	Development of an Albuminâ€“Polymer Bioconjugate via Covalent Conjugation and Supramolecular Interactions. Bioconjugate Chemistry, 2022, 33, 321-332.	1.8	1
6	Trehalose coated nanocellulose to inhibit the infections by S. aureus. Polymer Chemistry, 2022, 13, 1502-1509.	1.9	6
7	Structurally analogous trehalose and sucrose glycopolymers â€“ comparative characterization and evaluation of their effects on insulin fibrillation. Polymer Chemistry, 2022, 13, 1831-1843.	1.9	6
8	Fusion of Cellulose and Multicomponent Reactions: Benign by Design. ACS Sustainable Chemistry and Engineering, 2022, 10, 4359-4373.	3.2	11
9	A High Throughput Approach for Designing Polymers That Mimic the TRAIL Protein. Nano Letters, 2022, , .	4.5	6
10	Polymer Grafting to Polydopamine Free Radicals for Universal Surface Functionalization. Journal of the American Chemical Society, 2022, 144, 6992-7000.	6.6	28
11	Controlling the Biological Behaviors of Polymer-Coated Upconverting Nanoparticles by Adjusting the Linker Length of Estrone Ligands. Biomacromolecules, 2022, 23, 2572-2585.	2.6	5
12	Sugar-induced self-assembly of curcumin-based polydopamine nanocapsules with high loading capacity for dual drug delivery. Nanoscale, 2022, 14, 9448-9458.	2.8	3
13	Glycopolymers for Drug Delivery: Opportunities and Challenges. Macromolecules, 2022, 55, 4867-4890.	2.2	28
14	PET-RAFT Enables Efficient and Automated Multiblock Star Synthesis. Macromolecules, 2022, 55, 5938-5945.	2.2	10
15	The Trojan Horse Goes Wild: The Effect of Drug Loading on the Behavior of Nanoparticles. Angewandte Chemie, 2021, 133, 2230-2234.	1.6	3
16	The Trojan Horse Goes Wild: The Effect of Drug Loading on the Behavior of Nanoparticles. Angewandte Chemie - International Edition, 2021, 60, 2202-2206.	7.2	32
17	Enhancing Cationic Drug Delivery with Polymeric Carriers: The Coulombâ€pH Switch Approach. Advanced Theory and Simulations, 2021, 4, 2000247.	1.3	1
18	Bioactive engineered photothermal nanomaterials: from theoretical understanding to cutting-edge application strategies in anti-cancer therapy. Materials Chemistry Frontiers, 2021, 5, 5257-5297.	3.2	18

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19	Self-assembled anionic and cationic Au nanoparticles with Au nanoclusters for the exploration of different biological responsiveness in cancer therapy. Nanoscale Advances, 2021, 3, 2812-2821.	2.2	9
20	3D bioprinting of dual-crosslinked nanocellulose hydrogels for tissue engineering applications. Journal of Materials Chemistry B, 2021, 9, 6163-6175.	2.9	31
21	Quantitatively Monitoring In Situ Mitochondrial Thermal Dynamics by Upconversion Nanoparticles. Nano Letters, 2021, 21, 1651-1658.	4.5	60
22	Optimizing the Polymer Cloak for Upconverting Nanoparticles: An Evaluation of Bioactivity and Optical Performance. ACS Applied Materials & Interfaces, 2021, 13, 16142-16154.	4.0	15
23	The Protein Corona Leads to Deformation of Spherical Micelles. Angewandte Chemie, 2021, 133, 10430-10437.	1.6	1
24	The Protein Corona Leads to Deformation of Spherical Micelles. Angewandte Chemie - International Edition, 2021, 60, 10342-10349.	7.2	17
25	Stable and Highly Efficient Antibodyâ€“Nanoparticles Conjugation. Bioconjugate Chemistry, 2021, 32, 1146-1155.	1.8	13
26	Saturation Transfer Difference NMR Spectroscopy for the Elucidation of Supramolecular Albuminâ€“Polymer Interactions. ACS Macro Letters, 2021, 10, 819-824.	2.3	5
27	Manipulating endogenous exosome biodistribution for therapy. SmartMat, 2021, 2, 127-130.	6.4	17
28	Regulating the uptake of poly(N-(2-hydroxypropyl) methacrylamide)-based micelles in cells cultured on micropatterned surfaces. Biointerphases, 2021, 16, 041002.	0.6	2
29	Polymer-Functionalized Upconversion Nanoparticles for Light/Imaging-Guided Drug Delivery. Biomacromolecules, 2021, 22, 3168-3201.	2.6	51
30	Corona-Loading Strategies for Crystalline Particles Made by Living Crystallization-Driven Self-Assembly. Macromolecules, 2021, 54, 6662-6669.	2.2	38
31	From mouse to mouseâ€ear cress: Nanomaterials as vehicles in plant biotechnology. Exploration, 2021, 1, 9-20.	5.4	27
32	Effect of cell culture media on photopolymerizations. Biomacromolecules, 2021, 22, 4295-4305.	2.6	5
33	Post-functionalization of drug-loaded nanoparticles prepared by polymerization-induced self-assembly (PISA) with mitochondria targeting ligands. Beilstein Journal of Organic Chemistry, 2021, 17, 2302-2314.	1.3	5
34	Inhibition of S.â€...aureus Infection of Human Umbilical Vein Endothelial Cells (HUVECs) by Trehaloseâ€•and Glucoseâ€Functionalized Gold Nanoparticles. Angewandte Chemie - International Edition, 2021, 60, 22652-22658.	7.2	11
35	Inhibition of S.â€...aureus Infection of Human Umbilical Vein Endothelial Cells (HUVECs) by Trehaloseâ€•and Glucoseâ€Functionalized Gold Nanoparticles. Angewandte Chemie, 2021, 133, 22834.	1.6	1
36	Shining light on transition metal sulfides: New choices as highly efficient antibacterial agents. Nano Research, 2021, 14, 2512-2534.	5.8	49

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37	An organotypic model of high-grade serous ovarian cancer to test the anti-metastatic potential of ROR2 targeted Polyion complex nanoparticles. Journal of Materials Chemistry B, 2021, 9, 9123-9135.	2.9	11
38	The Coreâ€“Shell Structure, Not Sugar, Drives the Thermal Stabilization of Single-Enzyme Nanoparticles. Biomacromolecules, 2021, 22, 4569-4581.	2.6	10
39	Gold Nanorods (AuNRs) and Zeolitic Imidazolate Framework-8 (ZIF-8) Coreâ€“Shell Nanostructure-Based Electrochemical Sensor for Detecting Neurotransmitters. ACS Omega, 2021, 6, 33149-33158.	1.6	12
40	Surface engineering and applications of nanodiamonds in cancer treatment and imaging. International Materials Reviews, 2020, 65, 189-225.	9.4	28
41	Photoâ€Induced Modification of Nanocellulose: The Design of Selfâ€Fluorescent Drug Carriers. Macromolecular Rapid Communications, 2020, 41, e1900499.	2.0	23
42	Concepts, fabrication methods and applications of living crystallization-driven self-assembly of block copolymers. Progress in Polymer Science, 2020, 101, 101195.	11.8	116
43	Cellular Uptake of Gold Nanoparticles and Their Movement in 3D Multicellular Tumor Spheroids: Effect of Molecular Weight and Grafting Density of Poly(2â€hydroxyl ethyl acrylate). Macromolecular Bioscience, 2020, 20, e1900221.	2.1	19
44	Experimental cum computational investigation on interfacial and mechanical behavior of short glass fiber reinforced dental composites. Composites Part B: Engineering, 2020, 200, 108294.	5.9	33
45	Perfusion Cultivation of Artificial Liver Extracellular Matrix in Fibrous Polymer Sponges Biomimicking Scaffolds for Tissue Engineering. Biomacromolecules, 2020, 21, 4094-4104.	2.6	6
46	Visible Lightâ€”Responsive Drug Delivery Nanoparticle via Donorâ€“Acceptor Stenhouse Adducts (DASA). Macromolecular Rapid Communications, 2020, 41, e2000236.	2.0	41
47	Hybrid engineered dental composites by multiscale reinforcements with chitosan-integrated halloysite nanotubes and S-glass fibers. Composites Part B: Engineering, 2020, 202, 108448.	5.9	19
48	3D printed nanocomposites using polymer grafted graphene oxide prepared by multicomponent Passerini reaction. Polymer Chemistry, 2020, 11, 7253-7263.	1.9	6
49	Modulating the Selectivity and Stealth Properties of Ellipsoidal Polymersomes through a Multivalent Peptide Ligand Display. Advanced Healthcare Materials, 2020, 9, e2000261.	3.9	11
50	Substituent Effects on Photoinitiation Ability of Monoaminoanthraquinoneâ€Based Photoinitiating Systems for Free Radical Photopolymerization under LEDs. Macromolecular Rapid Communications, 2020, 41, e2000166.	2.0	11
51	Vesicular Polymer Hexosomes Exhibit Topological Defects. Journal of the American Chemical Society, 2020, 142, 10989-10995.	6.6	24
52	Drug-Directed Morphology Changes in Polymerization-Induced Self-Assembly (PISA) Influence the Biological Behavior of Nanoparticles. ACS Applied Materials & Interfaces, 2020, 12, 30221-30233.	4.0	34
53	Polyion Complex-Templated Synthesis of Cross-Linked Single-Enzyme Nanoparticles. Macromolecules, 2020, 53, 5487-5496.	2.2	12
54	Polyion Complex Micelles for Protein Delivery Benefit from Flexible Hydrophobic Spacers in the Binding Group. Macromolecular Rapid Communications, 2020, 41, e2000208.	2.0	15

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55	Cancer Spheroids: Superâ€Resolution Mapping of Single Nanoparticles inside Tumor Spheroids (Small) Tj ETQq1 1 0.784314 rgBT /Ov	5.2	0
56	Surface modified cellulose nanomaterials: a source of non-spherical nanoparticles for drug delivery. Materials Horizons, 2020, 7, 1727-1758.	6.4	80
57	Estrone-Decorated Polyion Complex Micelles for Targeted Melittin Delivery to Hormone-Responsive Breast Cancer Cells. Biomacromolecules, 2020, 21, 1222-1233.	2.6	34
58	Superâ€Resolution Mapping of Single Nanoparticles inside Tumor Spheroids. Small, 2020, 16, e1905572.	5.2	32
59	Direct Comparison of Poly(ethylene glycol) and Phosphorylcholine Drug-Loaded Nanoparticles In Vitro and In Vivo. Biomacromolecules, 2020, 21, 2320-2333.	2.6	14
60	Crosslinking of Self-Assembled Proteinâ€“Polymer Conjugates with Divanillin. Australian Journal of Chemistry, 2020, , .	0.5	2
61	Influence of Surface Treatment on the Interfacial and Mechanical Properties of Short S-Glass Fiber-Reinforced Dental Composites. ACS Applied Materials & Interfaces, 2019, 11, 32328-32338.	4.0	31
62	Recent advances in ultra-small fluorescent Au nanoclusters toward oncological research. Nanoscale, 2019, 11, 17967-17980.	2.8	55
63	Polymorphic Transformation of Drugs Induced by Glycopolymeric Vesicles Designed for Anticancer Therapy Probed by Solid-State NMR Spectroscopy. ACS Applied Materials & Interfaces, 2019, 11, 28278-28288.	4.0	17
64	Correlation between polymer architecture and polyion complex micelle stability with proteins in spheroid cancer models as seen by light-sheet microscopy. Polymer Chemistry, 2019, 10, 1221-1230.	1.9	9
65	A new 3D organotypic model of ovarian cancer to help evaluate the antimetastatic activity of RAPTA-C conjugated micelles. Biomaterials Science, 2019, 7, 1652-1660.	2.6	26
66	Faceted polymersomes: a sphere-to-polyhedron shape transformation. Chemical Science, 2019, 10, 2725-2731.	3.7	29
67	Photoinitiation Mechanism and Ability of Monoaminoâ€Substituted Anthraquinone Derivatives as Cationic Photoinitiators of Polymerization under LEDs. Macromolecular Rapid Communications, 2019, 40, e1900234.	2.0	28
68	Non-spherical polymersomes: formation and characterization. Chemical Society Reviews, 2019, 48, 4019-4035.	18.7	61
69	Poly(4â€vinyl imidazole): A pHâ€Responsive Trigger for Hierarchical Selfâ€Assembly of Multicompartment Micelles Based upon Triblock Terpolymers. Macromolecular Chemistry and Physics, 2019, 220, 1900131.	1.1	14
70	The effect of cationic groups on the stability of 19 F MRI contrast agents in nanoparticles. Journal of Polymer Science Part A, 2019, 57, 1994-2001.	2.5	8
71	Amphiphilic polymer coated nanodiamonds: a promising platform to deliver azonafide. Polymer Chemistry, 2019, 10, 1904-1911.	1.9	7
72	Bioactive Patchy Nanoparticles with Compartmentalized Cargoes for Simultaneous and Trackable Delivery. Angewandte Chemie - International Edition, 2019, 58, 7335-7340.	7.2	25

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73	Bioactive Patchy Nanoparticles with Compartmentalized Cargoes for Simultaneous and Trackable Delivery. Angewandte Chemie, 2019, 131, 7413-7418.	1.6	6
74	Selective Atomic-Level Etching on Short S-Glass Fibres to Control Interfacial Properties for Restorative Dental Composites. Scientific Reports, 2019, 9, 3851.	1.6	16
75	Efficient Photoinitiating System Based on Diaminoanthraquinone for 3D Printing of Polymer/Carbon Nanotube Nanocomposites under Visible Light. ACS Applied Polymer Materials, 2019, 1, 1129-1135.	2.0	30
76	Just add sugar forÂcarbohydrate induced self-assembly of curcumin. Nature Communications, 2019, 10, 582.	5.8	57
77	Correlation between Drug Loading Content and Biological Activity: The Complexity Demonstrated in Paclitaxel-Loaded Glycopolymer Micelle System. Biomacromolecules, 2019, 20, 1545-1554.	2.6	53
78	Surface roughness influences the protein corona formation of glycosylated nanoparticles and alter their cellular uptake. Nanoscale, 2019, 11, 23259-23267.	2.8	66
79	Comparing photoswitching of acrylate or methacrylate polymers conjugated with donorâ€“acceptor Stenhouse adducts. Polymer Chemistry, 2019, 10, 6515-6522.	1.9	29
80	Glucose Single-Chain Polymer Nanoparticles for Cellular Targeting. ACS Macro Letters, 2019, 8, 95-101.	2.3	44
81	Length of the Stabilizing Zwitterionic Poly(2-methacryloyloxyethyl phosphorycholine) Block Influences the Activity of the Conjugated Arsenic Drug in Drug-Directed Polymerization-Induced Self-Assembly Particles. ACS Macro Letters, 2019, 8, 57-63.	2.3	17
82	All Wrapped up: Stabilization of Enzymes within Single Enzyme Nanoparticles. Journal of the American Chemical Society, 2019, 141, 2754-2769.	6.6	157
83	Importance of Polymer Length in Fructose-Based Polymeric Micelles for an Enhanced Biological Activity. Macromolecules, 2019, 52, 477-486.	2.2	23
84	Effect of polyethylene glycol (PEG) molecular weight and nanofillers on the properties of banana pseudostem nanocellulose films. Carbohydrate Polymers, 2019, 205, 330-339.	5.1	46
85	Sugar Concentration and Arrangement on the Surface of Glycopolymer Micelles Affect the Interaction with Cancer Cells. Biomacromolecules, 2019, 20, 273-284.	2.6	27
86	Multihydroxyâ€Anthraquinone Derivatives as Free Radical and Cationic Photoinitiators of Various Photopolymerizations under Green LED. Macromolecular Rapid Communications, 2018, 39, e1800172.	2.0	28
87	Multicellular Tumor Spheroids (MCTS) as a 3D In Vitro Evaluation Tool of Nanoparticles. Small, 2018, 14, e1702858.	5.2	158
88	Spatially resolved coding of Î»-orthogonal hydrogels by laser lithography. Chemical Communications, 2018, 54, 2436-2439.	2.2	24
89	Microcapsule synthesis via RAFT photopolymerization in vegetable Oil as a green solvent. Journal of Polymer Science Part A, 2018, 56, 831-839.	2.5	11
90	Direct Polymerization of the Arsenic Drug PENAO to Obtain Nanoparticles with High Thiol-Reactivity and Anti-Cancer Efficiency. Bioconjugate Chemistry, 2018, 29, 546-558.	1.8	16

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91	Entry of nanoparticles into cells: the importance of nanoparticle properties. Polymer Chemistry, 2018, 9, 259-272.	1.9	294
92	Delivery of Amonafide from Fructose-Coated Nanodiamonds by Oxime Ligation for the Treatment of Human Breast Cancer. Biomacromolecules, 2018, 19, 481-489.	2.6	42
93	Polymeric Nanocapsules for Enzyme Stabilization in Organic Solvents. Macromolecules, 2018, 51, 438-446.	2.2	35
94	Covalent Tethering of Temperature Responsive pNIPAm onto TEMPO-Oxidized Cellulose Nanofibrils via Three-Component Passerini Reaction. ACS Macro Letters, 2018, 7, 412-418.	2.3	36
95	Nanoparticles for dendritic cell-based immunotherapy. International Journal of Pharmaceutics, 2018, 542, 253-265.	2.6	61
96	Effect of glycerol, nanoclay and graphene oxide on physicochemical properties of biodegradable nanocellulose plastic sourced from banana pseudo-stem. Cellulose, 2018, 25, 399-416.	2.4	31
97	Light-sheet microscopy as a tool to understanding the behaviour of Polyion complex micelles for drug delivery. Chemical Communications, 2018, 54, 12618-12621.	2.2	21
98	Disubstituted Aminoanthraquinone-Based Photoinitiators for Free Radical Polymerization and Fast 3D Printing under Visible Light. Macromolecules, 2018, 51, 10104-10112.	2.2	38
99	Disubstituted Aminoanthraquinone-Based Multicolor Photoinitiators: Photoinitiation Mechanism and Ability of Cationic Polymerization under Blue, Green, Yellow, and Red LEDs. Macromolecules, 2018, 51, 8165-8173.	2.2	31
100	Polyion Complex Micelles for Protein Delivery. Australian Journal of Chemistry, 2018, 71, 768.	0.5	37
101	Safety of nanoparticles based on albuminâ€“polymer conjugates as a carrier of nucleotides for pancreatic cancer therapy. Journal of Materials Chemistry B, 2018, 6, 6278-6287.	2.9	20
102	Length vs. stiffness: which plays a dominant role in the cellular uptake of fructose-based rod-like micelles by breast cancer cells in 2D and 3D cell culture models?. Journal of Materials Chemistry B, 2018, 6, 4223-4231.	2.9	40
103	Drug-Induced Morphology Transition of Self-Assembled Glycopolymers: Insight into the Drugâ€“Polymer Interaction. Chemistry of Materials, 2018, 30, 5227-5236.	3.2	44
104	Compartmentalized nanoparticles in aqueous solution through hierarchical self-assembly of triblock glycopolymers. Polymer Chemistry, 2018, 9, 4132-4142.	1.9	26
105	Direct light-induced (co-)grafting of photoactive polymers to graphitic nanodiamonds. Polymer Chemistry, 2017, 8, 838-842.	1.9	6
106	(â˜)-Riboflavin (vitamin B2) and flavin mononucleotide as visible light photo initiators in the thiolâ€“ene polymerisation of PEG-based hydrogels. Polymer Chemistry, 2017, 8, 980-984.	1.9	53
107	Enhanced Antimetastatic Activity of the Ruthenium Anticancer Drug RAPTAâ€Œ Delivered in Fructoseâ€Œcoated Micelles. Macromolecular Bioscience, 2017, 17, 1600513.	2.1	27
108	Influencing Selectivity to Cancer Cells with Mixed Nanoparticles Prepared from Albuminâ€“Polymer Conjugates and Block Copolymers. Bioconjugate Chemistry, 2017, 28, 979-985.	1.8	41

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109	Cationic glycopolymers through controlled polymerisation of a glucosamine-based monomer mimicking the behaviour of chitosan. Polymer Chemistry, 2017, 8, 1750-1753.	1.9	4
110	Influence of nanoparticle shapes on cellular uptake of paclitaxel loaded nanoparticles in 2D and 3D cancer models. Polymer Chemistry, 2017, 8, 3317-3326.	1.9	68
111	Synthesis of polydopamine capsules via SPG membrane emulsion templating: Tuning of capsule size. Journal of Polymer Science Part A, 2017, 55, 365-370.	2.5	7
112	The Effect of Drug Loading on Micelle Properties: Solidâ€State NMR as a Tool to Gain Structural Insight. Angewandte Chemie, 2017, 129, 8561-8565.	1.6	23
113	The Effect of Drug Loading on Micelle Properties: Solidâ€State NMR as a Tool to Gain Structural Insight. Angewandte Chemie - International Edition, 2017, 56, 8441-8445.	7.2	50
114	Swollen Micelles for the Preparation of Gated, Squeezable, pH-Responsive Drug Carriers. ACS Applied Materials & Interfaces, 2017, 9, 13865-13874.	4.0	35
115	Two-Dimensional Self-Assembled Structures of Highly Ordered Bioactive Crystalline-Based Block Copolymers. Macromolecules, 2017, 50, 8544-8553.	2.2	66
116	Fluorescent Glyco Single-Chain Nanoparticle-Decorated Nanodiamonds. ACS Macro Letters, 2017, 6, 1168-1174.	2.3	30
117	Formation of non-spherical polymersomes driven by hydrophobic directional aromatic perylene interactions. Nature Communications, 2017, 8, 1240.	5.8	76
118	Controlled poly(olefin)s via decarboxylation of poly(acrylic acid). Polymer Chemistry, 2017, 8, 6636-6643.	1.9	19
119	Drug induced self-assembly of triblock copolymers into polymersomes for the synergistic dual-drug delivery of platinum drugs and paclitaxel. Polymer Chemistry, 2017, 8, 6289-6299.	1.9	18
120	Binding and Release between Polymeric Carrier and Protein Drug: pH-Mediated Interplay of Coulomb Forces, Hydrogen Bonding, van der Waals Interactions, and Entropy. Biomacromolecules, 2017, 18, 3665-3677.	2.6	15
121	Polypeptide-Grafted Nanodiamonds for Controlled Release of Melittin to Treat Breast Cancer. ACS Macro Letters, 2017, 6, 796-801.	2.3	18
122	Penetration and drug delivery of albumin nanoparticles into pancreatic multicellular tumor spheroids. Journal of Materials Chemistry B, 2017, 5, 9591-9599.	2.9	24
123	Characteristics of a free-standing film from banana pseudostem nanocellulose generated from TEMPO-mediated oxidation. Carbohydrate Polymers, 2017, 174, 1156-1163.	5.1	50
124	Light-induced release of molecules from polymers. Progress in Polymer Science, 2017, 74, 1-33.	11.8	95
125	Dynamic covalent single chain nanoparticles based on hetero Dielsâ€“Alder chemistry. Chemical Communications, 2017, 53, 157-160.	2.2	27
126	Frontispiz: Bottom-Up Fabrication of Nanopatterned Polymers on DNA Origami by Inâ€…Situ Atom-Transfer Radical Polymerization. Angewandte Chemie, 2016, 128, .	1.6	0

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127	Bottomâ€Up Fabrication of Nanopatterned Polymers on DNA Origami by Inâ€...Situ Atomâ€Transfer Radical Polymerization. Angewandte Chemie - International Edition, 2016, 55, 5692-5697.	7.2	64
128	Bottomâ€Up Fabrication of Nanopatterned Polymers on DNA Origami by Inâ€...Situ Atomâ€Transfer Radical Polymerization. Angewandte Chemie, 2016, 128, 5786-5791.	1.6	29
129	Combinatorial Lowâ€Volume Synthesis of Wellâ€Defined Polymers by Enzyme Degassing. Angewandte Chemie - International Edition, 2016, 55, 4500-4503.	7.2	117
130	Drug-loading of poly(ethylene glycol methyl ether methacrylate) (PEGMEMA)â€"based micelles and mechanisms of uptake in colon carcinoma cells. Colloids and Surfaces B: Biointerfaces, 2016, 144, 257-264.	2.5	16
131	Development and Applications of Transesterification Reactions Catalyzed by N-Heterocyclic Olefins. Organic Letters, 2016, 18, 2208-2211.	2.4	65
132	Direct Correlation Between Zeta Potential and Cellular Uptake of Poly(methacrylic acid) Postâ€Modified with Guanidinium Functionalities. Macromolecular Chemistry and Physics, 2016, 217, 2302-2309.	1.1	27
133	Stabilization of Paclitaxel-Conjugated Micelles by Cross-Linking with Cystamine Compromises the Antitumor Effects against Two- and Three-Dimensional Tumor Cellular Models. Molecular Pharmaceutics, 2016, 13, 3648-3656.	2.3	19
134	The living dead â€“ common misconceptions about reversible deactivation radical polymerization. Materials Horizons, 2016, 3, 471-477.	6.4	58
135	Nanocellulose characteristics from the inner and outer layer of banana pseudo-stem prepared by TEMPO-mediated oxidation. Cellulose, 2016, 23, 3023-3037.	2.4	49
136	pH-Triggered release of gemcitabine from polymer coated nanodiamonds fabricated by RAFT polymerization and copper free click chemistry. Polymer Chemistry, 2016, 7, 6220-6230.	1.9	23
137	Drug Delivery Vehicles Based on Albuminâ€"Polymer Conjugates. Macromolecular Bioscience, 2016, 16, 791-802.	2.1	52
138	Fructose-Coated Nanodiamonds: Promising Platforms for Treatment of Human Breast Cancer. Biomacromolecules, 2016, 17, 2946-2955.	2.6	47
139	Dihydroxyanthraquinone derivatives: natural dyes as blue-light-sensitive versatile photoinitiators of photopolymerization. Polymer Chemistry, 2016, 7, 7316-7324.	1.9	74
140	Profluorescent PPV-Based Micellar System as a Versatile Probe for Bioimaging and Drug Delivery. Biomacromolecules, 2016, 17, 4086-4094.	2.6	28
141	Synthesis of microcapsules using inverse emulsion periphery RAFT polymerization via SPG membrane emulsification. Polymer Chemistry, 2016, 7, 7047-7051.	1.9	7
142	PEG Graftedâ€Nanodiamonds for the Delivery of Gemcitabine. Macromolecular Rapid Communications, 2016, 37, 2023-2029.	2.0	26
143	Frontispiece: Bottom-Up Fabrication of Nanopatterned Polymers on DNA Origami by Inâ€...Situ Atom-Transfer Radical Polymerization. Angewandte Chemie - International Edition, 2016, 55, .	7.2	0
144	Cellular Uptake and Movement in 2D and 3D Multicellular Breast Cancer Models of Fructose-Based Cylindrical Micelles That Is Dependent on the Rod Length. ACS Applied Materials & Interfaces, 2016, 8, 16622-16630.	4.0	72

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145	Biodegradable Glycopolymeric Micelles Obtained by RAFT-controlled Radical Ring-Opening Polymerization. Macromolecules, 2016, 49, 4136-4146.	2.2	50
146	Combinatorial Lowâ€Volume Synthesis of Wellâ€Defined Polymers by Enzyme Degassing. Angewandte Chemie, 2016, 128, 4576-4579.	1.6	58
147	Curcumin-Loading-Dependent Stability of PEGMEMA-Based Micelles Affects Endocytosis and Exocytosis in Colon Carcinoma Cells. Molecular Pharmaceutics, 2016, 13, 924-932.	2.3	44
148	Modulating the cellular uptake of platinum drugs with glycopolymers. Polymer Chemistry, 2016, 7, 1031-1036.	1.9	31
149	Nanoparticle-siRNA: A potential cancer therapy?. Critical Reviews in Oncology/Hematology, 2016, 98, 159-169.	2.0	130
150	Polymer Functional Nanodiamonds by Light-Induced Ligation. Macromolecules, 2016, 49, 1712-1721.	2.2	21
151	The dual-role of Pt(<scp>iv</scp>) complexes as active drug and crosslinker for micelles based on Î²-cyclodextrin grafted polymer. Journal of Materials Chemistry B, 2016, 4, 2114-2123.	2.9	19
152	PEGylated Albumin-Based Polyion Complex Micelles for Protein Delivery. Biomacromolecules, 2016, 17, 808-817.	2.6	59
153	Albuminâ€“polymer conjugate nanoparticles and their interactions with prostate cancer cells in 2D and 3D culture: comparison between PMMA and PCL. Journal of Materials Chemistry B, 2016, 4, 2017-2027.	2.9	36
154	Anti-metastatic effects of RAPTA-C conjugated polymeric micelles on two-dimensional (2D) breast tumor cells and three-dimensional (3D) multicellular tumor spheroids. Acta Biomaterialia, 2016, 32, 68-76.	4.1	18
155	Dual-Responsive pH and Temperature Sensitive Nanoparticles Based on Methacrylic Acid and Di(ethylene glycol) Methyl Ether Methacrylate for the Triggered Release of Drugs. Macromolecular Bioscience, 2015, 15, 1091-1104.	2.1	20
156	Nâ€Vinylcarbazole as Versatile Photoinaddimer of Photopolymerization under Household UV LED Bulb (392 nm). Macromolecular Rapid Communications, 2015, 36, 1675-1680.	2.0	37
157	SAXS Analysis of Shell Formation During Nanocapsule Synthesis via Inverse Miniemulsion Periphery RAFT Polymerization. Macromolecular Rapid Communications, 2015, 36, 1267-1271.	2.0	9
158	A new role of curcumin: as a multicolor photoinitiator for polymer fabrication under household UV to red LED bulbs. Polymer Chemistry, 2015, 6, 5053-5061.	1.9	95
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