

Cameron Alexander

List of Publications by Year in descending order

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243
papers

11,627
citations

44444

50
h-index

39744

98
g-index

263
all docs

263
docs citations

263
times ranked

15739
citing authors

#	ARTICLE	IF	CITATIONS
1	Investigating histidinylated highly branched poly(lysine) for siRNA delivery. <i>Journal of Materials Chemistry B</i> , 2022, 10, 236-246.	2.9	4
2	Synthesis, characterisation and evaluation of hyperbranched <i>N</i> -(2-hydroxypropyl) methacrylamides for transport and delivery in pancreatic cell lines <i>in vitro</i> and <i>in vivo</i> . <i>Biomaterials Science</i> , 2022, 10, 2328-2344.	2.6	3
3	Therapeutic potential of miRNAs in <i>Clostridioides difficile</i> infection. <i>Future Microbiology</i> , 2022, 17, 315-318.	1.0	2
4	Passerini chemistries for synthesis of polymer pro-drug and polymersome drug delivery nanoparticles. <i>Journal of Materials Chemistry B</i> , 2022, 10, 3895-3905.	2.9	6
5	An <i>in vitro</i> investigation of the hepatic toxicity of PEGylated polymeric redox responsive nanoparticles. <i>RSC Advances</i> , 2022, 12, 12860-12870.	1.7	2
6	Oxygen-Tolerant RAFT Polymerization Initiated by Living Bacteria. <i>ACS Macro Letters</i> , 2022, 11, 954-960.	2.3	4
7	Thermosensitive "Smart" Surfaces for Biorecognition Based Cell Adhesion and Controlled Detachment. <i>Macromolecular Bioscience</i> , 2021, 21, e2000277.	2.1	5
8	Functionalized Block Copolymer Pro-Drug Nanoparticles with Anti-Cancer Efficacy in 3D Spheroids and in an Orthotopic Triple Negative Breast Cancer Model. <i>Advanced Therapeutics</i> , 2021, 4, 2000103.	1.6	6
9	Designing topographically textured microparticles for induction and modulation of osteogenesis in mesenchymal stem cell engineering. <i>Biomaterials</i> , 2021, 266, 120450.	5.7	27
10	Reduction-responsive polymers for drug delivery in cancer therapy "Is there anything new to discover?". <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2021, 13, e1678.	3.3	39
11	Synthesis of Passerini-PCR Polymers and Assembly into Cytocompatible Polymersomes. <i>Macromolecular Rapid Communications</i> , 2021, 42, e2000321.	2.0	8
12	Protamine-based nanoparticles: an attractive gene delivery system for 2D and 3D glioblastoma models. , 2021, , .		0
13	Polymer Pro-Drug Nanoparticles for Sustained Release of Cytotoxic Drugs Evaluated in Patient-Derived Glioblastoma Cell Lines and In Situ Gelling Formulations. <i>Pharmaceutics</i> , 2021, 13, 208.	2.0	13
14	Fluorophore Selection and Incorporation Contribute to Permeation and Distribution Behaviors of Hyperbranched Polymers in Multi-Cellular Tumor Spheroids and Xenograft Tumor Models. <i>ACS Applied Bio Materials</i> , 2021, 4, 2675-2685.	2.3	4
15	Potentiated inhibition of <i>Trichoderma virens</i> and other environmental fungi by new biocide combinations. <i>Applied Microbiology and Biotechnology</i> , 2021, 105, 2867-2875.	1.7	2
16	Combining Inducible Lectin Expression and Magnetic Glyconanoparticles for the Selective Isolation of Bacteria from Mixed Populations. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 19230-19243.	4.0	4
17	PEG-polyaminoacid based micelles for controlled release of doxorubicin: Rational design, safety and efficacy study. <i>Journal of Controlled Release</i> , 2021, 335, 21-37.	4.8	17
18	Challenges and solutions in polymer drug delivery for bacterial biofilm treatment: A tissue-by-tissue account. <i>Advanced Drug Delivery Reviews</i> , 2021, 178, 113973.	6.6	36

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19	Mixed polymer and bioconjugate core/shell electrospun fibres for biphasic protein release. <i>Journal of Materials Chemistry B</i> , 2021, 9, 4120-4133.	2.9	10
20	Multi-component bioresponsive nanoparticles for synchronous delivery of docetaxel and TUBB3 siRNA to lung cancer cells. <i>Nanoscale</i> , 2021, 13, 11414-11426.	2.8	32
21	Engineering bacteria to control electron transport altering the synthesis of non-native polymer. <i>RSC Advances</i> , 2021, 12, 451-457.	1.7	0
22	Polyphosphazenes for the delivery of biopharmaceuticals. <i>Journal of Applied Polymer Science</i> , 2020, 137, 48688.	1.3	16
23	Iron-Catalysed Radical Polymerisation by Living Bacteria. <i>Angewandte Chemie</i> , 2020, 132, 4780-4785.	1.6	13
24	Iron-Catalysed Radical Polymerisation by Living Bacteria. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 4750-4755.	7.2	32
25	Enhancing doxorubicin anticancer activity with a novel polymeric platform photoreleasing nitric oxide. <i>Biomaterials Science</i> , 2020, 8, 1329-1344.	2.6	19
26	All Surfaces Are Not Equal in Contact Transmission of SARS-CoV-2. <i>Matter</i> , 2020, 3, 1433-1441.	5.0	49
27	Effects of Polymer 3D Architecture, Size, and Chemistry on Biological Transport and Drug Delivery In Vitro and in Orthotopic Triple Negative Breast Cancer Models. <i>Advanced Healthcare Materials</i> , 2020, 9, 2000892.	3.9	17
28	Biomedical engineering approaches to enhance therapeutic delivery for malignant glioma. <i>Journal of Controlled Release</i> , 2020, 328, 917-931.	4.8	25
29	Polymer microarrays rapidly identify competitive adsorbents of virus-like particles. <i>Biointerphases</i> , 2020, 15, 061005.	0.6	5
30	Synthesis and Antibacterial Evaluation of New Pyrazolo[3,4-d]pyrimidines Kinase Inhibitors. <i>Molecules</i> , 2020, 25, 5354.	1.7	10
31	Repurposing Nonantifungal Approved Drugs for Synergistic Targeting of Fungal Pathogens. <i>ACS Infectious Diseases</i> , 2020, 6, 2950-2958.	1.8	15
32	Controlling the Biological Fate of Micellar Nanoparticles: Balancing Stealth and Targeting. <i>ACS Nano</i> , 2020, 14, 13739-13753.	7.3	30
33	An improved synthesis of poly(amidoamine)s for complexation with self-amplifying RNA and effective transfection. <i>Polymer Chemistry</i> , 2020, 11, 5861-5869.	1.9	8
34	Ornithine-derived oligomers and dendrimers for <i>in vitro</i> delivery of DNA and <i>ex vivo</i> transfection of skin cells via saRNA. <i>Journal of Materials Chemistry B</i> , 2020, 8, 4940-4949.	2.9	15
35	Surface polymer imprinted optical fibre sensor for dose detection of dabrafenib. <i>Analyst</i> , The, 2020, 145, 4504-4511.	1.7	14
36	Prediction of the enhanced insulin absorption across a triple co-cultured intestinal model using mucus penetrating PLGA nanoparticles. <i>International Journal of Pharmaceutics</i> , 2020, 585, 119516.	2.6	17

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37	Nanoformulation-by-design: an experimental and molecular dynamics study for polymer coated drug nanoparticles. RSC Advances, 2020, 10, 19521-19533.	1.7	12
38	Facile Dye-Initiated Polymerization of Lactide-Glycolide Generates Highly Fluorescent Poly(lactic-co-glycolic Acid) for Enhanced Characterization of Cellular Delivery. ACS Macro Letters, 2020, 9, 431-437.	2.3	11
39	A Simple Polymicrobial Biofilm Keratinocyte Colonization Model for Exploring Interactions Between Commensals, Pathogens and Antimicrobials. Frontiers in Microbiology, 2020, 11, 291.	1.5	23
40	The electrospinning of a thermo-responsive polymer with peptide conjugates for phenotype support and extracellular matrix production of therapeutically relevant mammalian cells. Biomaterials Science, 2020, 8, 2611-2626.	2.6	6
41	The <i>In Vitro</i> , <i>Ex Vivo</i> , and <i>In Vivo</i> Effect of Polymer Hydrophobicity on Charge-Reversible Vectors for Self-Amplifying RNA. Biomacromolecules, 2020, 21, 3242-3253.	2.6	20
42	Development of a Neutral Diketopyrrolopyrrole Phosphine Oxide for the Selective Bioimaging of Mitochondria at the Nanomolar Level. Chemistry - A European Journal, 2020, 26, 3173-3180.	1.7	15
43	Four-wave-mixing microscopy reveals non-colocalisation between gold nanoparticles and fluorophore conjugates inside cells. Nanoscale, 2020, 12, 4622-4635.	2.8	10
44	Development of Pyrazolo[3,4-d]pyrimidine Kinase Inhibitors as Potential Clinical Candidates for Glioblastoma Multiforme. ACS Medicinal Chemistry Letters, 2020, 11, 657-663.	1.3	15
45	A "greener" one-pot synthesis of monoterpene-functionalised lactide oligomers. European Polymer Journal, 2020, 125, 109516.	2.6	13
46	Synthesis of micellar-like terpolymer nanoparticles with reductively-cleavable cross-links and evaluation of efficacy in 2D and 3D models of triple negative breast cancer. Journal of Controlled Release, 2020, 323, 549-564.	4.8	13
47	Detection of Dabrafenib using Optical Fibre Long Period Grating Sensor Modified with Surface Imprinted Polymers for Dose Detection and Prevention of Cancer Resistance. , 2020, , .		0
48	Biocompatible Unimolecular Micelles Obtained via the Passerini Reaction as Versatile Nanocarriers for Potential Medical Applications. Biomacromolecules, 2019, 20, 90-101.	2.6	21
49	Role of self-assembly conditions and amphiphilic balance on nanoparticle formation of PEG- <i>PDLLA</i> copolymers in aqueous environments. Journal of Polymer Science Part A, 2019, 57, 1801-1810.	2.5	20
50	Amphiphilic tri- and tetra-block co-polymers combining versatile functionality with facile assembly into cyto-compatible nanoparticles. Biomaterials Science, 2019, 7, 3832-3845.	2.6	18
51	Low molecular weight PEG- <i>PLGA</i> polymers provide a superior matrix for conjugated polymer nanoparticles in terms of physicochemical properties, biocompatibility and optical/photoacoustic performance. Journal of Materials Chemistry B, 2019, 7, 5115-5124.	2.9	33
52	Epoxy-amine oligomers from terpenes with applications in synergistic antifungal treatments. Journal of Materials Chemistry B, 2019, 7, 5222-5229.	2.9	16
53	Dual bioresponsive antibiotic and quorum sensing inhibitor combination nanoparticles for treatment of <i>Pseudomonas aeruginosa</i> biofilms <i>in vitro</i> and <i>ex vivo</i> . Biomaterials Science, 2019, 7, 4099-4111.	2.6	56
54	Versatile, Highly Controlled Synthesis of Hybrid (Meth)acrylate-Polyester-Carbonates and their Exploitation in Tandem Post-Polymerization-Functionalization. Macromolecular Chemistry and Physics, 2019, 220, 1900270.	1.1	8

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55	A thermoresponsive three-dimensional fibrous cell culture platform for enzyme-free expansion of mammalian cells. <i>Acta Biomaterialia</i> , 2019, 95, 427-438.	4.1	10
56	Polymer Microparticles with Defined Surface Chemistry and Topography Mediate the Formation of Stem Cell Aggregates and Cardiomyocyte Function. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 34560-34574.	4.0	25
57	Polyvalent Diazonium Polymers Provide Efficient Protection of Oncolytic Adenovirus Enadenotucirev from Neutralizing Antibodies while Maintaining Biological Activity <i>In Vitro</i> and <i>In Vivo</i> . <i>Bioconjugate Chemistry</i> , 2019, 30, 1244-1257.	1.8	17
58	Lactoferrin-Loaded Alginate Microparticles to Target <i>Clostridioides difficile</i> Infection. <i>Journal of Pharmaceutical Sciences</i> , 2019, 108, 2438-2446.	1.6	15
59	Investigating the intracellular effects of hyperbranched polycation-DNA complexes on lung cancer cells using LC-MS-based metabolite profiling. <i>Molecular Omics</i> , 2019, 15, 77-87.	1.4	9
60	LC-MS metabolomics comparisons of cancer cell and macrophage responses to methotrexate and polymer-encapsulated methotrexate. <i>International Journal of Pharmaceutics: X</i> , 2019, 1, 100036.	1.2	6
61	Mammalian-Cell-Driven Polymerisation of Pyrrole. <i>ChemBioChem</i> , 2019, 20, 1008-1013.	1.3	18
62	Synthesis of Methacrylate-Terminated Block Copolymers with Reduced Transesterification by Controlled Ring-Opening Polymerization. <i>Macromolecular Chemistry and Physics</i> , 2019, 220, 1800459.	1.1	16
63	Structure-Optimized Interpolymer Polyphosphazene Complexes for Effective Gene Delivery against Glioblastoma. <i>Advanced Therapeutics</i> , 2019, 2, 1800126.	1.6	11
64	Switching of Macromolecular Ligand Display by Thermoresponsive Polymers Mediates Endocytosis of Multiconjugate Nanoparticles. <i>Bioconjugate Chemistry</i> , 2018, 29, 1030-1046.	1.8	16
65	Water Solubility Enhancement of Pyrazolo[3,4- <i>d</i>]pyrimidine Derivatives via Miniaturized Polymer-Drug Microarrays. <i>ACS Medicinal Chemistry Letters</i> , 2018, 9, 193-197.	1.3	10
66	Identification of Novel α - ω -Inks for 3D Printing Using High-Throughput Screening: Bioresorbable Photocurable Polymers for Controlled Drug Delivery. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 6841-6848.	4.0	44
67	Alkyl-Modified Oligonucleotides as Intercalating Vehicles for Doxorubicin Uptake via Albumin Binding. <i>Molecular Pharmaceutics</i> , 2018, 15, 437-446.	2.3	10
68	Star-shaped poly(oligoethylene glycol) copolymer-based gels: Thermo-responsive behaviour and bioapplicability for risedronate intranasal delivery. <i>International Journal of Pharmaceutics</i> , 2018, 543, 224-233.	2.6	18
69	Enhanced uptake in 2D- and 3D- lung cancer cell models of redox responsive PEGylated nanoparticles with sensitivity to reducing extra- and intracellular environments. <i>Journal of Controlled Release</i> , 2018, 277, 126-141.	4.8	54
70	Structural variations in hyperbranched polymers prepared via thermal polycondensation of lysine and histidine and their effects on DNA delivery. <i>Journal of Interdisciplinary Nanomedicine</i> , 2018, 3, 38-54.	3.6	11
71	Rapid formulation of redox-responsive oligo- β -aminoester polyplexes with siRNA <i>via</i> jet printing. <i>Journal of Materials Chemistry B</i> , 2018, 6, 6550-6558.	2.9	6
72	PTU-046...Novel lactoferrin-loaded alginate microgels display anti-clostridium difficile defence properties in vitro. , 2018, , .		0

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73	Photocrosslinkable Gelatin Hydrogels Modulate the Production of the Major Pro-inflammatory Cytokine, TNF- α , by Human Mononuclear Cells. <i>Frontiers in Bioengineering and Biotechnology</i> , 2018, 6, 116.	2.0	36
74	Time and cell-dependent effects of endocytosis inhibitors on the internalization of biomolecule markers and nanomaterials. <i>Journal of Interdisciplinary Nanomedicine</i> , 2018, 3, 67-81.	3.6	25
75	High-Throughput Miniaturized Screening of Nanoparticle Formation via Inkjet Printing. <i>Macromolecular Materials and Engineering</i> , 2018, 303, 1800146.	1.7	8
76	Stimuli-Responsive Prodrug Chemistries for Drug Delivery. <i>Advanced Therapeutics</i> , 2018, 1, 1800030.	1.6	51
77	Post-Modified Polypeptides with UCST-Type Behavior for Control of Cell Attachment in Physiological Conditions. <i>Materials</i> , 2018, 11, 95.	1.3	9
78	In Silico Screening for Solid Dispersions: The Trouble with Solubility Parameters and χ FH. <i>Molecular Pharmaceutics</i> , 2018, 15, 4654-4667.	2.3	35
79	Bioreducible cross-linked core polymer micelles enhance in vitro activity of methotrexate in breast cancer cells. <i>Biomaterials Science</i> , 2017, 5, 532-550.	2.6	41
80	Dually sensitive dextran-based micelles for methotrexate delivery. <i>RSC Advances</i> , 2017, 7, 14448-14460.	1.7	22
81	Rapid Nanogram Scale Screening Method of Microarrays to Evaluate Drug-Polymer Blends Using High-Throughput Printing Technology. <i>Molecular Pharmaceutics</i> , 2017, 14, 2079-2087.	2.3	12
82	Upper critical solution temperature thermo-responsive polymer brushes and a mechanism for controlled cell attachment. <i>Journal of Materials Chemistry B</i> , 2017, 5, 4926-4933.	2.9	48
83	Engineered Polymer-Transferrin Conjugates as Self-Assembling Targeted Drug Delivery Systems. <i>Biomacromolecules</i> , 2017, 18, 1532-1543.	2.6	23
84	Tumour regression and improved gastrointestinal tolerability from controlled release of SN-38 from novel polyoxazoline-modified dendrimers. <i>Journal of Controlled Release</i> , 2017, 247, 73-85.	4.8	32
85	Control of targeting ligand display by pH-responsive polymers on gold nanoparticles mediates selective entry into cancer cells. <i>Nanoscale</i> , 2017, 9, 11137-11147.	2.8	22
86	A design of experiments approach to identify the influencing parameters that determine poly-D,L-lactic acid (PDLLA) electrospun scaffold morphologies. <i>Biomedical Materials (Bristol)</i> , 2017, 12, 055009.	1.7	27
87	Versatile Routes to Functional RAFT Chain Transfer Agents through the Passerini Multicomponent Reaction. <i>ACS Macro Letters</i> , 2017, 6, 781-785.	2.3	7
88	Control of aggregation temperatures in mixed and blended cytocompatible thermoresponsive block co-polymer nanoparticles. <i>Soft Matter</i> , 2017, 13, 7441-7452.	1.2	2
89	Polymers for binding of the gram-positive oral pathogen <i>Streptococcus mutans</i> . <i>PLoS ONE</i> , 2017, 12, e0180087.	1.1	15
90	Enhanced cytocompatibility and functional group content of poly(ϵ -lysine) dendrimers by grafting with poly(oxazolines). <i>Polymer Chemistry</i> , 2016, 7, 4609-4617.	1.9	17

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91	Influence of Polymer Size on Uptake and Cytotoxicity of Doxorubicin-Loaded DNA-PEG Conjugates. <i>Bioconjugate Chemistry</i> , 2016, 27, 1244-1252.	1.8	10
92	Dendrimer mediated clustering of bacteria: improved aggregation and evaluation of bacterial response and viability. <i>Biomaterials Science</i> , 2016, 4, 998-1006.	2.6	17
93	Variation in structure and properties of poly(glycerol adipate) via control of chain branching during enzymatic synthesis. <i>Polymer</i> , 2016, 89, 41-49.	1.8	75
94	Amphiphilic block copolymers from a renewable ϵ -decalactone monomer: prediction and characterization of micellar core effects on drug encapsulation and release. <i>Journal of Materials Chemistry B</i> , 2016, 4, 7119-7129.	2.9	35
95	One-pot RAFT and fast polymersomes assembly: a "beeline"™ from monomers to drug-loaded nanovectors. <i>Polymer Chemistry</i> , 2016, 7, 6714-6724.	1.9	11
96	Synthesis, characterization and evaluation of in vitro toxicity in hepatocytes of linear polyesters with varied aromatic and aliphatic co-monomers. <i>Journal of Controlled Release</i> , 2016, 244, 214-228.	4.8	4
97	New N-acyl amino acid-functionalized biodegradable polyesters for pharmaceutical and biomedical applications. <i>RSC Advances</i> , 2016, 6, 109401-109405.	1.7	25
98	Properties of acyl modified poly(glycerol-adipate) comb-like polymers and their self-assembly into nanoparticles. <i>Journal of Polymer Science Part A</i> , 2016, 54, 3267-3278.	2.5	45
99	The effect of protein concentration on the viscosity of a recombinant albumin solution formulation. <i>RSC Advances</i> , 2016, 6, 15143-15154.	1.7	33
100	Thermoresponsive magnetic colloidal gels via surface-initiated polymerisation from functional microparticles. <i>Journal of Materials Chemistry B</i> , 2016, 4, 962-972.	2.9	5
101	Engineering serendipity: High-throughput discovery of materials that resist bacterial attachment. <i>Acta Biomaterialia</i> , 2016, 34, 84-92.	4.1	30
102	Synthesis of ¹⁹ F nucleic acid-polymer conjugates as real-time MRI probes of biorecognition. <i>Polymer Chemistry</i> , 2016, 7, 2180-2191.	1.9	10
103	Synthesis and In Vitro Evaluation of Polyethylene Glycol-Paclitaxel Conjugates for Lung Cancer Therapy. <i>Pharmaceutical Research</i> , 2016, 33, 1671-1681.	1.7	16
104	Imprinted Contact Lenses for Sustained Release of Polymyxin B and Related Antimicrobial Peptides. <i>Journal of Pharmaceutical Sciences</i> , 2015, 104, 3386-3394.	1.6	74
105	Triblock Copolymer Nanovesicles for pH-Responsive Targeted Delivery and Controlled Release of siRNA to Cancer Cells. <i>Biomacromolecules</i> , 2015, 16, 1924-1937.	2.6	53
106	Multiscale Modeling of Drug-Polymer Nanoparticle Assembly Identifies Parameters Influencing Drug Encapsulation Efficiency. <i>Journal of Chemical Theory and Computation</i> , 2015, 11, 2705-2713.	2.3	29
107	Complexity Measurement Based on Information Theory and Kolmogorov Complexity. <i>Artificial Life</i> , 2015, 21, 205-224.	1.0	13
108	In vitro co-culture model of medulloblastoma and human neural stem cells for drug delivery assessment. <i>Journal of Biotechnology</i> , 2015, 205, 3-13.	1.9	52

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109	Heparin molecularly imprinted surfaces for the attenuation of complement activation in blood. <i>Biomaterials Science</i> , 2015, 3, 1208-1217.	2.6	19
110	Cationic polymer mediated bacterial clustering: Cell-adhesive properties of homo- and copolymers. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2015, 95, 47-62.	2.0	23
111	Multifunctional Poly[<i>N</i> -(2-hydroxypropyl)methacrylamide] Copolymers via Postpolymerization Modification and Sequential Thiol-Ene Chemistry. <i>Macromolecules</i> , 2015, 48, 2857-2863.	2.2	17
112	Receptor Crosslinking: A General Method to Trigger Internalization and Lysosomal Targeting of Therapeutic Receptor:Ligand Complexes. <i>Molecular Therapy</i> , 2015, 23, 1888-1898.	3.7	83
113	New biomaterials from renewable resources – amphiphilic block copolymers from ϵ -decalactone. <i>Polymer Chemistry</i> , 2015, 6, 7196-7210.	1.9	45
114	Systemic in vivo delivery of siRNA to tumours using combination of polyethyleneimine and transferrin-polyethyleneimine conjugates. <i>Biomaterials Science</i> , 2015, 3, 1439-1448.	2.6	17
115	Evaluation of a Thermoresponsive Polycaprolactone Scaffold for In Vitro Three-Dimensional Stem Cell Differentiation. <i>Tissue Engineering - Part A</i> , 2015, 21, 310-319.	1.6	12
116	A Thermoresponsive and Magnetic Colloid for 3D Cell Expansion and Reconfiguration. <i>Advanced Materials</i> , 2015, 27, 662-668.	11.1	16
117	Multiplexing Spheroid Volume, Resazurin and Acid Phosphatase Viability Assays for High-Throughput Screening of Tumour Spheroids and Stem Cell Neurospheres. <i>PLoS ONE</i> , 2014, 9, e103817.	1.1	176
118	Synthesis and characterization of variable conformation pH responsive block co-polymers for nucleic acid delivery and targeted cell entry. <i>Polymer Chemistry</i> , 2014, 5, 1626-1636.	1.9	37
119	Bacteria-instructed synthesis of polymers for self-selective microbial binding and labelling. <i>Nature Materials</i> , 2014, 13, 748-755.	13.3	124
120	Multimodal Polymer Nanoparticles with Combined ¹⁹ F Magnetic Resonance and Optical Detection for Tunable, Targeted, Multimodal Imaging <i>in Vivo</i> . <i>Journal of the American Chemical Society</i> , 2014, 136, 2413-2419.	6.6	160
121	Camptothecin prodrug block copolymer micelles with high drug loading and target specificity. <i>Polymer Chemistry</i> , 2014, 5, 5320-5329.	1.9	33
122	Programmable polymer-DNA hydrogels with dual input and multiscale responses. <i>Biomaterials Science</i> , 2014, 2, 203-211.	2.6	27
123	Programmed assembly of polymer-DNA conjugate nanoparticles with optical readout and sequence-specific activation of biorecognition. <i>Nanoscale</i> , 2014, 6, 2368-2374.	2.8	15
124	Ultrasonic monitoring of drug loaded Pluronic F127 micellular hydrogel phase behaviour. <i>Materials Science and Engineering C</i> , 2014, 34, 280-286.	3.8	8
125	Chemistry and formulations for siRNA therapeutics. <i>Chemical Society Reviews</i> , 2013, 42, 7983.	18.7	77
126	Bacteria clustering by polymers induces the expression of quorum-sensing-controlled phenotypes. <i>Nature Chemistry</i> , 2013, 5, 1058-1065.	6.6	67

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127	Novel pH-responsive nanovectors for controlled release of ionisable drugs. <i>Journal of Materials Chemistry B</i> , 2013, 1, 5335.	2.9	15
128	Enhanced uptake of nanoparticle drug carriers via a thermoresponsive shell enhances cytotoxicity in a cancer cell line. <i>Biomaterials Science</i> , 2013, 1, 434.	2.6	63
129	pH-responsive poly(4-hydroxybenzoyl methacrylates) – design and engineering of intelligent drug delivery nanovectors. <i>Polymer Chemistry</i> , 2013, 4, 4375.	1.9	13
130	Multi-modal switching in responsive DNA block co-polymer conjugates. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 16263.	1.3	7
131	Self-assembly of biopolymers – recent progress and future prospects. <i>Faraday Discussions</i> , 2013, 166, 449.	1.6	3
132	Epithelial Toxicity of Alkylglycoside Surfactants. <i>Journal of Pharmaceutical Sciences</i> , 2013, 102, 114-125.	1.6	16
133	Gelation of microsphere dispersions using a thermally-responsive graft polymer. <i>Journal of Colloid and Interface Science</i> , 2013, 396, 187-196.	5.0	7
134	Uptake and transport of B 12 -conjugated nanoparticles in airway epithelium. <i>Journal of Controlled Release</i> , 2013, 172, 374-381.	4.8	36
135	Nanoparticle Transport in Epithelial Cells: Pathway Switching Through Bioconjugation. <i>Small</i> , 2013, 9, 3282-3294.	5.2	50
136	Bioresponsive Polyplexes and Micelleplexes. <i>RSC Smart Materials</i> , 2013, , 256-282.	0.1	3
137	Hollow Colloidosomes Prepared Using Accelerated Solvent Evaporation. <i>Langmuir</i> , 2013, 29, 13676-13685.	1.6	8
138	Titelbild: Directed Assembly of Inorganic Polyoxometalate-based Micrometer-Scale Tubular Architectures by Using Optical Control (<i>Angew. Chem.</i> 51/2012). <i>Angewandte Chemie</i> , 2012, 124, 12799-12799.	1.6	0
139	Well-defined polymeric vesicles with high stability and modulation of cell uptake by a simple coating protocol. <i>Polymer Chemistry</i> , 2012, 3, 2596.	1.9	9
140	Directed Assembly of Inorganic Polyoxometalate-based Micrometer-Scale Tubular Architectures by Using Optical Control. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 12754-12758.	7.2	27
141	Transfection of luciferase DNA into various cells by cationic cyclodextrin polyrotaxanes derived from ionene-11. <i>Journal of Materials Chemistry</i> , 2012, 22, 8558.	6.7	23
142	Multicomponent Synthetic Polymers with Viral-Mimetic Chemistry for Nucleic Acid Delivery. <i>Molecular Pharmaceutics</i> , 2012, 9, 1-13.	2.3	40
143	Evaluation of calcium depletion as a strategy for enhancement of mucosal absorption of macromolecules. <i>Biochemical and Biophysical Research Communications</i> , 2012, 418, 128-133.	1.0	6
144	Interactions of PEO-PPO-PEO block copolymers with lipid membranes: a computational and experimental study linking membrane lysis with polymer structure. <i>Soft Matter</i> , 2012, 8, 6744.	1.2	61

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145	Chemistry of Polymer and Ceramic-Based Injectable Scaffolds and Their Applications in Regenerative Medicine. <i>Chemistry of Materials</i> , 2012, 24, 781-795.	3.2	28
146	Hyperbranched polymers as delivery vectors for oligonucleotides. <i>Journal of Polymer Science Part A</i> , 2012, 50, 2585-2595.	2.5	42
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