JÃ¶rg Lahann

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3992146/publications.pdf

Version: 2024-02-01

151	8,383	61945	48277
papers	citations	43 h-index	88 g-index

174	174	174	10546
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Physical approaches to biomaterial design. Nature Materials, 2009, 8, 15-23.	13.3	1,266
2	A Reversibly Switching Surface. Science, 2003, 299, 371-374.	6.0	1,058
3	Biphasic Janus particles with nanoscale anisotropy. Nature Materials, 2005, 4, 759-763.	13.3	676
4	Red blood cell-hitchhiking boosts delivery of nanocarriers to chosen organs by orders of magnitude. Nature Communications, 2018, 9, 2684.	5.8	247
5	Recent advances with anisotropic particles. Current Opinion in Colloid and Interface Science, 2011, 16, 195-202.	3.4	222
6	Reactive Polymer Coatings:Â A First Step toward Surface Engineering of Microfluidic Devices. Analytical Chemistry, 2003, 75, 2117-2122.	3.2	187
7	Reactive Polymer Coatings that â€œClickâ€• Angewandte Chemie - International Edition, 2006, 45, 3360-3363.	7.2	179
8	Planar chiral [2.2]paracyclophanes: from synthetic curiosity to applications in asymmetric synthesis and materials. Chemical Society Reviews, 2018, 47, 6947-6963.	18.7	156
9	Triphasic Nanocolloids. Journal of the American Chemical Society, 2006, 128, 6796-6797.	6.6	143
10	Systemic brain tumor delivery of synthetic protein nanoparticles for glioblastoma therapy. Nature Communications, 2020, 11, 5687.	5.8	142
11	Towards Designer Microparticles: Simultaneous Control of Anisotropy, Shape, and Size. Small, 2010, 6, 404-411.	5.2	138
12	Vapor-based polymer coatings for potential biomedical applications. Polymer International, 2006, 55, 1361-1370.	1.6	122
13	Fabrication of Highly Uniform Gel Coatings by the Conversion of Surface-Anchored Metalâ€“Organic Frameworks. Journal of the American Chemical Society, 2014, 136, 8-11.	6.6	116
14	Multicompartmental Microcylinders. Angewandte Chemie - International Edition, 2009, 48, 4589-4593.	7.2	113
15	Surface Modification of Confined Microgeometries via Vapor-Deposited Polymer Coatings. Journal of the American Chemical Society, 2006, 128, 374-380.	6.6	106
16	Designable Biointerfaces Using Vapor-Based Reactive Polymers. Langmuir, 2011, 27, 34-48.	1.6	102
17	Recent Progress in Nanoâ€biotechnology: Compartmentalized Microâ€•and Nanoparticles via Electrohydrodynamic Coâ€jetting. Small, 2011, 7, 1149-1156.	5.2	90
18	Spontaneous shape reconfigurations in multicompartmental microcylinders. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 16057-16062.	3.3	90

#	Article	IF	Citations
19	Materials for Drug Delivery: Innovative Solutions to Address Complex Biological Hurdles. Advanced Materials, 2012, 24, 3717-3723.	11.1	90
20	Effect of Nanoparticle Composition, Size, Shape, and Stiffness on Penetration Across the Bloodâ€“Brain Barrier. ACS Biomaterials Science and Engineering, 2020, 6, 4916-4928.	2.6	90
21	Short-term biocompatibility of biphasic nanocolloids with potential use as anisotropic imaging probes. Biomaterials, 2007, 28, 2446-2456.	5.7	84
22	Water-Stable Biphasic Nanocolloids with Potential Use as Anisotropic Imaging Probes. Langmuir, 2007, 23, 5683-5688.	1.6	83
23	From Advanced Biomedical Coatings to Multiâ€Functionalized Biomaterials. Journal of Macromolecular Science - Reviews in Macromolecular Chemistry and Physics, 2006, 46, 347-375.	2.2	82
24	Microstructured Materials Based on Multicompartmental Fibers. Journal of the American Chemical Society, 2009, 131, 6650-6651.	6.6	79
25	Bioâ€orthogonal â€œDoubleâ€Clickâ€•Chemistry Based on Multifunctional Coatings. Angewandte Chemie - International Edition, 2011, 50, 6522-6526.	7.2	78
26	Multifunctional polymer particles with distinct compartments. Journal of Materials Chemistry, 2011, 21, 8502.	6.7	73
27	Multicompartmental Particles for Combined Imaging and siRNA Delivery. Advanced Materials, 2012, 24, 3850-3856.	11.1	71
28	Synthesis of Amino[2.2]paracyclophanes-Beneficial Monomers for Bioactive Coating of Medical Implant Materials. Angewandte Chemie - International Edition, 2001, 40, 726-728.	7.2	67
29	Vapor-Based Synthesis of Poly[(4-formyl-p-xylylene)-co-(p-xylylene)] and Its Use for Biomimetic Surface Modifications. Macromolecular Rapid Communications, 2005, 26, 1794-1799.	2.0	65
30	Differentially Degradable Janus Particles for Controlled Release Applications. Macromolecular Rapid Communications, 2012, 33, 1178-1183.	2.0	63
31	Surface-Initiated Ring-Opening Polymerization ofÎ¼-Caprolactone from a Patterned Poly(hydroxymethyl-p-xylylene). Macromolecular Rapid Communications, 2001, 22, 968-971.	2.0	62
32	3D Jet Writing: Functional Microtissues Based on Tessellated Scaffold Architectures. Advanced Materials, 2018, 30, e1707196.	11.1	58
33	Templated nanofiber synthesis via chemical vapor polymerization into liquid crystalline films. Science, 2018, 362, 804-808.	6.0	57
34	Supramolecular arrangement of protein in nanoparticle structures predicts nanoparticle tropism for neutrophils in acute lung inflammation. Nature Nanotechnology, 2022, 17, 86-97.	15.6	57
35	Multi-luminescent switching of metal-free organic phosphors for luminometric detection of organic solvents. Chemical Science, 2016, 7, 2359-2363.	3.7	56
36	Cardiomyocyteâ€Driven Actuation in Biohybrid Microcylinders. Advanced Materials, 2015, 27, 4509-4515.	11.1	54

#	Article	IF	Citations
37	Spatioselective Modification of Bicompartmental Polymer Particles and Fibers via Huisgen 1,3â€Dipolar Cycloaddition. Macromolecular Rapid Communications, 2008, 29, 1655-1660.	2.0	53
38	Anisotropic hybrid particles based on electrohydrodynamic co-jetting of nanoparticle suspensions. Physical Chemistry Chemical Physics, 2010, 12, 11894.	1.3	46
39	Anisotropic Janus Catalysts for Spatially Controlled Chemical Reactions. Small, 2012, 8, 3116-3122.	5.2	46
40	Multimodal delivery of irinotecan from microparticles with two distinct compartments. Journal of Controlled Release, 2013, 172, 239-245.	4.8	46
41	Enhanced mitochondrial fission suppresses signaling and metastasis in triple-negative breast cancer. Breast Cancer Research, 2020, 22, 60.	2.2	46
42	Surface engineering the cellular microenvironment via patterning and gradients. Journal of Polymer Science, Part B: Polymer Physics, 2013, 51, 775-794.	2.4	45
43	Dual-Stimuli-Responsive Microparticles. ACS Applied Materials & Interfaces, 2015, 7, 9744-9751.	4.0	44
44	Chemically Orthogonal Threeâ€Patch Microparticles. Angewandte Chemie - International Edition, 2014, 53, 2332-2338.	7.2	43
45	Systemic Delivery of an Adjuvant CXCR4â€“CXCL12 Signaling Inhibitor Encapsulated in Synthetic Protein Nanoparticles for Glioma Immunotherapy. ACS Nano, 2022, 16, 8729-8750.	7.3	43
46	Vaporâ€Based Polymer Gradients. Macromolecular Rapid Communications, 2009, 30, 57-63.	2.0	40
47	Protein Nanoparticles: Uniting the Power of Proteins with Engineering Design Approaches. Advanced Science, 2022, 9, e2104012.	5.6	40
48	Constitutive release of CPS1 in bile and its role as a protective cytokine during acute liver injury. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 9125-9134.	3.3	39
49	Dynamically switchable biointerfaces. Soft Matter, 2009, 5, 1555.	1.2	37
50	Spatial Analysis of Metalâ€“PLGA Hybrid Microstructures Using 3D SERS Imaging. Advanced Functional Materials, 2017, 27, 1701626.	7.8	37
51	Janus-Core and Shell Microfibers. Langmuir, 2013, 29, 6181-6186.	1.6	36
52	Environmentally Responsive Core/Shell Particles via Electrohydrodynamic Coâ€Jetting of Fully Miscible Polymer Solutions. Small, 2008, 4, 1756-1762.	5.2	35
53	Fabrication of elastomeric stamps with polymer-reinforced sidewalls via chemically selective vapor deposition polymerization of poly(p-xylylene). Applied Physics Letters, 2003, 83, 4250-4252.	1.5	34
54	REACTIVE POLYMER COATINGS FOR BIOMIMETIC SURFACE ENGINEERING. Chemical Engineering Communications, 2006, 193, 1457-1468.	1.5	34

#	Article	IF	Citations
55	Towards Multipotent Coatings: Chemical Vapor Deposition and Biofunctionalization of Carbonylâ€Substituted Copolymers. Macromolecular Rapid Communications, 2008, 29, 855-870.	2.0	34
56	Engineered Fibrillar Fibronectin Networks as Threeâ€Dimensional Tissue Scaffolds. Advanced Materials, 2019, 31, e1904580.	11.1	34
57	Surfaceâ€Reactive Patchy Nanoparticles and Nanodiscs Prepared by Tandem Nanoprecipitation and Internal Phase Separation. Advanced Functional Materials, 2018, 28, 1800846.	7.8	33
58	Long-circulating Janus nanoparticles made by electrohydrodynamic co-jetting for systemic drug delivery applications. Journal of Drug Targeting, 2015, 23, 750-758.	2.1	31
59	Emerging methods in therapeutics using multifunctional nanoparticles. Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology, 2020, 12, e1625.	3.3	31
60	Performance Fabrics Obtained by In Situ Growth of Metalâ€“Organic Frameworks in Electrospun Fibers. ACS Applied Materials & Interfaces, 2021, 13, 12491-12500.	4.0	31
61	CXCR4-Targeted Nanocarriers for Triple Negative Breast Cancers. Biomacromolecules, 2015, 16, 2412-2417.	2.6	30
62	3D jet writing of mechanically actuated tandem scaffolds. Science Advances, 2021, 7, .	4.7	28
63	Enhancement of the propagation of human embryonic stem cells by modifications in the gel architecture of PMEDSAH polymer coatings. Biomaterials, 2014, 35, 9581-9590.	5.7	27
64	Backboneâ€Degradable Polymers Prepared by Chemical Vapor Deposition. Angewandte Chemie - International Edition, 2017, 56, 203-207.	7.2	27
65	Chemical vapor deposited polymer layer for efficient passivation of planar perovskite solar cells. Journal of Materials Chemistry A, 2020, 8, 20122-20132.	5.2	27
66	Fully monolithic CMOS nickel micromechanical resonator oscillator. Proceedings of the IEEE International Conference on Micro Electro Mechanical Systems (MEMS), 2008, , .	0.0	26
67	Engineering of nanoparticle size via electrohydrodynamic jetting. Bioengineering and Translational Medicine, 2016, 1, 82-93.	3.9	26
68	Engineered Ovalbumin Nanoparticles for Cancer Immunotherapy. Advanced Therapeutics, 2020, 3, 2000100.	1.6	25
69	Microencapsulation of Live Cells in Synthetic Polymer Capsules. ACS Omega, 2017, 2, 2839-2847.	1.6	24
70	Recent progress with multicompartmental nanoparticles. MRS Bulletin, 2014, 39, 251-257.	1.7	23
71	Dual Release Carriers for Cochlear Delivery. Advanced Healthcare Materials, 2016, 5, 94-100.	3.9	22
72	Ionicâ€Liquidâ€Based Safe Adjuvants. Advanced Materials, 2020, 32, e2002990.	11.1	22

#	Article	IF	Citations
73	Progress of Multicompartmental Particles for Medical Applications. Advanced Healthcare Materials, 2018, 7, e1701319.	3.9	19
74	Corrosion of Concrete by Water-Induced Metalâ€“Proton Exchange. Journal of Physical Chemistry C, 2016, 120, 22455-22459.	1.5	18
75	Needleless Electrohydrodynamic Cojetting of Bicompartmental Particles and Fibers from an Extended Fluid Interface. Macromolecular Rapid Communications, 2017, 38, 1600437.	2.0	18
76	Highâ€Throughput Scaffold System for Studying the Effect of Local Geometry and Topology on the Development and Orientation of Sprouting Blood Vessels. Advanced Functional Materials, 2020, 30, 1901335.	7.8	18
77	Evaluating UV/H₂O₂ exposure as a DEHP degradation treatment for plasticized PVC. Journal of Applied Polymer Science, 2014, 131, .	1.3	17
78	Selective and Reversible Binding of Thiol-Functionalized Biomolecules on Polymers Prepared via Chemical Vapor Deposition Polymerization. Langmuir, 2015, 31, 5123-5129.	1.6	17
79	Electrospun Polymer Fiber Lasers for Applications in Vapor Sensing. Advanced Optical Materials, 2017, 5, 1700248.	3.6	17
80	Photoswitchable Particles for Onâ€Demand Degradation and Triggered Release. Small, 2013, 9, 3051-3057.	5.2	16
81	Orthogonal surface functionalization through bioactive vaporâ€based polymer coatings. Journal of Applied Polymer Science, 2014, 131, .	1.3	16
82	Prospects of biological and synthetic pharmacotherapies for glioblastoma. Expert Opinion on Biological Therapy, 2020, 20, 305-317.	1.4	16
83	Immunotherapy for gliomas: shedding light on progress in preclinical and clinical development. Expert Opinion on Investigational Drugs, 2020, 29, 659-684.	1.9	15
84	SERS and Fluorescence-Active Multimodal Tessellated Scaffolds for Three-Dimensional Bioimaging. ACS Applied Materials & Interfaces, 2022, 14, 20708-20719.	4.0	15
85	Derivation and Long-Term Culture of Transgene-Free Human Induced Pluripotent Stem Cells on Synthetic Substrates. Stem Cells Translational Medicine, 2014, 3, 1410-1417.	1.6	14
86	Multigrowth Factor Delivery via Immobilization of Gene Therapy Vectors. Advanced Materials, 2016, 28, 3145-3151.	11.1	14
87	Multifunctional Synthetic Protein Nanoparticles via Reactive Electrojetting. Macromolecular Rapid Communications, 2020, 41, e2000425.	2.0	14
88	Programmable Delivery of Synergistic Cancer Drug Combinations Using Bicompartmental Nanoparticles. Advanced Healthcare Materials, 2020, 9, e2000564.	3.9	14
89	Enzyme Scaffolds with Hierarchically Defined Properties via 3D Jet Writing. Macromolecular Bioscience, 2020, 20, e2000154.	2.1	14
90	Synthesis and interfacial activity of PMMA/PtBMA Janus and homogeneous nanoparticles at water/oil interfaces. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2018, 536, 259-265.	2.3	13

#	Article	IF	Citations
91	Cooperative Switching in Largeâ€Area Assemblies of Magnetic Janus Particles. Advanced Functional Materials, 2020, 30, 1907865.	7.8	13
92	Controlled Microstructuring of Janus Particles Based on a Multifunctional Poly(ethylene glycol). Macromolecular Rapid Communications, 2013, 34, 1554-1559.	2.0	12
93	Orientation Determination of a Hybrid Peptide Immobilized on CVD-Based Reactive Polymer Surfaces. Journal of Physical Chemistry C, 2016, 120, 19078-19086.	1.5	12
94	Polylutidines: Multifunctional Surfaces through Vaporâ€Based Polymerization of Substituted Pyridinophanes. Chemistry - A European Journal, 2017, 23, 13342-13350.	1.7	12
95	Persistence, distribution, and impact of distinctly segmented microparticles on cochlear health following in vivo infusion. Journal of Biomedical Materials Research - Part A, 2016, 104, 1510-1522.	2.1	11
96	Predictive Model for the Design of Zwitterionic Polymer Brushes: A Statistical Design of Experiments Approach. ACS Applied Materials & Interfaces, 2016, 8, 16595-16603.	4.0	11
97	Emerging Trends in Informationâ€Driven Engineering of Complex Biological Systems. Advanced Materials, 2019, 31, 1806898.	11.1	11
98	Electrokinetic characterization of synthetic protein nanoparticles. Beilstein Journal of Nanotechnology, 2020, 11, 1556-1567.	1.5	11
99	Overcoming biological barriers to improve solid tumor immunotherapy. Drug Delivery and Translational Research, 2021, 11, 2276-2301.	3.0	11
100	Complex Protein Patterns in Drying Droplets. Materials Research Society Symposia Proceedings, 2010, 1273, 30101.	0.1	10
101	Landing Rate Measurements to Detect Fibrinogen Adsorption to Non-fouling Surfaces. Cellular and Molecular Bioengineering, 2012, 5, 320-326.	1.0	10
102	Surface-initiated RAFT polymerization from vapor-based polymer coatings. Polymer, 2018, 150, 26-34.	1.8	10
103	Soft Matter Technology at KIT: Chemical Perspective from Nanoarchitectures to Microstructures. Advanced Materials, 2019, 31, e1806334.	11.1	10
104	Nanoparticle Tracking Analysis of Polymer Nanoparticles in Blood Plasma. Particle and Particle Systems Characterization, 2021, 38, 2100016.	1.2	10
105	Compartmentalized Microhelices Prepared via Electrohydrodynamic Cojetting. Advanced Science, 2018, 5, 1800024.	5.6	9
106	Surfaces Decorated with Enantiomorphically Pure Polymer Nanohelices via Hierarchical Chirality Transfer across Multiple Length Scales. Advanced Materials, 2022, 34, e2108386.	11.1	9
107	Dendrimer Synthesis and Functionalization by Click Chemistry for Biomedical Applications. , 0, , 177-193.		8
108	Ultrasensitive In Situ Fluorescence Analysis using Modulated Fluorescence Interference Contrast at Nanostructured Polymer Surfaces. Advanced Materials, 2016, 28, 2367-2373.	11.1	8

#	Article	IF	Citations
109	pHâ€Responsive Aminomethyl Functionalized Poly(p â€xylylene) Coatings by Chemical Vapor Deposition Polymerization. Macromolecular Chemistry and Physics, 2017, 218, 1600521.	1.1	8
110	Nanoparticleâ€Based Targeting and Detection of Microcavities. Advanced Healthcare Materials, 2017, 6, 1600883.	3.9	8
111	Targeting gliomas with STAT3-silencing nanoparticles. Molecular and Cellular Oncology, 2021, 8, 1870647.	0.3	8
112	Vapor-Based Polymerization of Functionalized [2.2]Paracyclophanes: A Unique Approach towards Surface-Engineered Microenvironments. , 2005, , 463-484.		7
113	Bioinstructive Coatings for Hematopoietic Stem Cell Expansion Based on Chemical Vapor Deposition Copolymerization. Biomacromolecules, 2017, 18, 3089-3098.	2.6	7
114	Carbohydrateâ€Based Polymer Brushes Prevent Viral Adsorption on Electrostatically Heterogeneous Interfaces. Macromolecular Rapid Communications, 2019, 40, e1800530.	2.0	7
115	Facile Fabrication of Anisotropic Multicompartmental Microfibers Using Charge Reversal Electrohydrodynamic Coâ€Jetting. Macromolecular Rapid Communications, 2022, 43, e2100560.	2.0	7
116	Coaxial electrospray of uniform polylactide core-shell microparticles for long-acting contraceptive. Journal of Controlled Release, 2022, 341, 634-645.	4.8	7
117	Snailâ€like Particles from Compartmentalized Microfibers. Macromolecular Rapid Communications, 2016, 37, 73-78.	2.0	6
118	Variable-height channels for microparticle characterization and display. Lab on A Chip, 2020, 20, 2510-2519.	3.1	6
119	Aligned Networks of Engineered Fibrillar Fibronectin Guide Cellular Orientation and Motility. Small Structures, 2021, 2, 2000137.	6.9	6
120	Chemically Tunable Organic Dielectric Layer on an Oxide TFT: Poly(p-xylylene) Derivatives. ACS Applied Materials & Interfaces, 2021, 13, 43123-43133.	4.0	6
121	Engineered Human Stem Cell Microenvironments. Current Stem Cell Reports, 2016, 2, 73-84.	0.7	5
122	Vapor-based polymers: from films to nanostructures. Beilstein Journal of Nanotechnology, 2017, 8, 2219-2220.	1.5	5
123	Graph theoretical design of biomimetic aramid nanofiber composites as insulation coatings for implantable bioelectronics. MRS Bulletin, 2021, 46, 576-587.	1.7	5
124	Copper-Free Click Chemistry. , 0, , 29-51.		5
125	Sharing of Strain Between Nanofiber Forests and Liquid Crystals Leads to Programmable Responses to Electric Fields. Advanced Functional Materials, 2022, 32, .	7.8	5
126	Nanoparticle Properties Influence Transendothelial Migration of Monocytes. Langmuir, 2022, 38, 5603-5616.	1.6	5

#	Article	IF	Citations
127	Reactive Polymer Coatings for Biological Applications. ACS Symposium Series, 2008, , 283-298.	0.5	4
128	Uniform Coating of Microparticles using CVD Polymerization. Chemical Vapor Deposition, 2015, 21, 288-293.	1.4	4
129	Work Function Modification via Combined Chargeâ€Based Throughâ€Space Interaction and Surface Interaction. Advanced Materials Interfaces, 2018, 5, 1800471.	1.9	4
130	On Demand Lightâ€Degradable Polymers Based on 9,10â€Dialkoxyanthracenes. Macromolecular Rapid Communications, 2020, 41, e2000314.	2.0	4
131	Solid and Hollow Poly(p-xylylene) Particles Synthesis via Metalâ€“Organic Framework-Templated Chemical Vapor Polymerization. Chemistry of Materials, 0, , .	3.2	4
132	The Synthesis of Brominated Tetrafluoro[2.2]paracyclophanes. European Journal of Organic Chemistry, 2006, 2006, 5499-5504.	1.2	3
133	A Facile Route Towards Inorganic Particles with Two Distinct Compartments Based on Electroâ€Hydrodynamic Coâ€Jetting. Particle and Particle Systems Characterization, 2013, 30, 936-939.	1.2	3
134	Design Strategies for Reducedâ€scale Surface Composition Gradients via <scp>CVD</scp> Copolymerization. Chemical Vapor Deposition, 2014, 20, 23-31.	1.4	3
135	Deep Learning Assisted Stratification of Amyloid Beta Mutants Using Drying Droplet Patterns. Advanced Materials, 2022, , 2110404.	11.1	3
136	A library of Rhodamine6G-based pH-sensitive fluorescent probes with versatile in vivo and in vitro applications. RSC Chemical Biology, 2022, 3, 748-764.	2.0	3
137	BMP Geneâ€Immobilization to Dental Implants Enhances Bone Regeneration. Advanced Materials Interfaces, 2022, 9, .	1.9	3
138	Examining Nanoparticle Adsorption on Electrostatically â€œPatchyâ€•Glycopolymer Brushes Using Real-Time ì¶-Potential Measurements. Langmuir, 2017, 33, 6322-6332.	1.6	2
139	Selective Localization of Hierarchically Assembled Particles to Plasma Membranes of Living Cells. Small Methods, 2019, 3, 1800408.	4.6	2
140	Printable Organic Electronic Materials for Precisely Positioned Cell Attachment. Langmuir, 2021, 37, 1874-1881.	1.6	2
141	Click Chemistry in Protein Engineering, Design, Detection and Profiling. , 0, , 309-325.		2
142	Macrophageâ€Targeting Poly(lactideâ€coâ€glycolic acid) Nanoparticles Decorated with Multifunctional Brush Polymers. Particle and Particle Systems Characterization, 2022, 39, .	1.2	2
143	Systematic studies into uniform synthetic protein nanoparticles. Beilstein Journal of Nanotechnology, 2022, 13, 274-283.	1.5	2
144	Directed Particle Transport via Reconfigurable Fiber Networks. Advanced Functional Materials, 2022, 32, .	7.8	2

#	Article	IF	Citations
145	Functional Nanomaterials using the Cu-Catalyzed Huisgen Cycloaddition Reaction. , 0, , 255-289.		1
146	A Bioreactor for 3D In Vitro Modeling of the Mechanical Stimulation of Osteocytes. Frontiers in Bioengineering and Biotechnology, 2022, 10, 797542.	2.0	1
147	Macromol. Rapid Commun. 5/2011. Macromolecular Rapid Communications, 2011, 32, .	2.0	0
148	Carious Lesions: Nanoparticleâ€Based Targeting and Detection of Microcavities (Adv. Healthcare Mater.) Tj ETQq0 0 0 rgBT /Overlock 10	3.9	0
149	Anisotropic Nanomaterials: Surface-Reactive Patchy Nanoparticles and Nanodiscs Prepared by Tandem Nanoprecipitation and Internal Phase Separation (Adv. Funct. Mater. 39/2018). Advanced Functional Materials, 2018, 28, 1870282.	7.8	0
150	Molecular Changes in Vaporâ€Based Polymer Thin Films Assessed by Characterization of Swelling Properties of Amineâ€Functionalized Polyâ€•p â€xylylene. Macromolecular Chemistry and Physics, 2020, 221, 2000213.	1.1	0
151	Stepwise Cell Seeding on Tessellated Scaffolds to Study Sprouting Blood Vessels. Journal of Visualized Experiments, 2021, , .	0.2	0