

JÃ¼rgen Groll

List of Publications by Year in descending order

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papers

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22153

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17217
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#	ARTICLE	IF	CITATIONS
1	Morphological Control of Freeze-Structured Scaffolds by Selective Temperature and Material Control in the Ice-Templating Process. <i>Advanced Engineering Materials</i> , 2022, 24, 2100860.	3.5	8
2	Bioink Platform Utilizing Dual-Stage Crosslinking of Hyaluronic Acid Tailored for Chondrogenic Differentiation of Mesenchymal Stromal Cells. <i>Macromolecular Bioscience</i> , 2022, 22, e2100331.	4.1	12
3	Tethered TGF- β 1 in a Hyaluronic Acid-Based Bioink for Bioprinting Cartilaginous Tissues. <i>International Journal of Molecular Sciences</i> , 2022, 23, 924.	4.1	26
4	Covalently Cross-Linked Pig Gastric Mucin Hydrogels Prepared by Radical-Based Chain-Growth and Thiol-Ene Mechanisms. <i>Macromolecular Bioscience</i> , 2022, 22, e2100274.	4.1	4
5	A thermogelling organic-inorganic hybrid hydrogel with excellent printability, shape fidelity and cytocompatibility for 3D bioprinting. <i>Biofabrication</i> , 2022, 14, 025005.	7.1	5
6	Cell Adhesion Assessment Reveals a Higher Force per Contact Area on Fibrous Structures Compared to Flat Substrates. <i>ACS Biomaterials Science and Engineering</i> , 2022, 8, 649-658.	5.2	3
7	Preservation of the native features of mesenchymal stromal cells in vitro: Comparison of cell- and bone-derived decellularized extracellular matrix. <i>Journal of Tissue Engineering</i> , 2022, 13, 204173142210744.	5.5	8
8	Freeform printing of thermoresponsive poly(2-cyclopropyl-oxazoline) as cytocompatible and on-demand dissolving template of hollow channel networks in cell-laden hydrogels. <i>Biofabrication</i> , 2022, 14, 025019.	7.1	5
9	Dual setting brushite-gelatin cement with increased ductility and sustained drug release. <i>Journal of Biomaterials Applications</i> , 2022, 36, 1882-1898.	2.4	4
10	Bioprinting with bioactive alginate dialdehyde-gelatin (ADA-GEL) composite bioinks: Time-dependent in-situ crosslinking via addition of calcium-silicate particles tunes in vitro stability of 3D bioprinted constructs. <i>Bioprinting</i> , 2022, 26, e00200.	5.8	17
11	Calcium phosphate-based biomaterials trigger human macrophages to release extracellular traps. <i>Biomaterials</i> , 2022, 285, 121521.	11.4	9
12	A Print-and-Fuse Strategy for Sacrificial Filaments Enables Biomimetically Structured Perfusable Microvascular Networks with Functional Endothelium Inside 3D Hydrogels. <i>Advanced Materials</i> , 2022, 34, .	21.0	24
13	Hydrophilic (AB) n Segmented Copolymers for Melt Extrusion-Based Additive Manufacturing. <i>Macromolecular Chemistry and Physics</i> , 2021, 222, 2000265.	2.2	1
14	A Biomimetic, Copolymeric Membrane for Cell-Stretch Experiments with Pulmonary Epithelial Cells at the Air-Liquid Interface. <i>Advanced Functional Materials</i> , 2021, 31, 2004707.	14.9	28
15	Improving printability of a thermoresponsive hydrogel biomaterial ink by nanoclay addition. <i>Journal of Materials Science</i> , 2021, 56, 691-705.	3.7	32
16	A Bioinspired in vitro Lung Model to Study Particokinetics of Nano-/Microparticles Under Cyclic Stretch and Air-Liquid Interface Conditions. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 616830.	4.1	37
17	Bioactive Electrospun Fibers: Fabrication Strategies and a Critical Review of Surface-Sensitive Characterization and Quantification. <i>Chemical Reviews</i> , 2021, 121, 11194-11237.	47.7	41
18	Influence of Microgel Fabrication Technique on Granular Hydrogel Properties. <i>ACS Biomaterials Science and Engineering</i> , 2021, 7, 4269-4281.	5.2	84

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19	Differential Responses to Bioink-Induced Oxidative Stress in Endothelial Cells and Fibroblasts. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2358.	4.1	12
20	Phase Conversion of Iceâ€Templated Î±â€Tricalcium Phosphate Scaffolds into Lowâ€Temperature Calcium Phosphates with Anisotropic Open Porosity. <i>Advanced Engineering Materials</i> , 2021, 23, 2001417.	3.5	7
21	Thioetherâ€Polymer Coating for Colloidal Stabilization of Silver Nanoparticles. <i>Advanced NanoBiomed Research</i> , 2021, 1, 2000074.	3.6	3
22	Hydraulic reactivity and cement formation of baghdadite. <i>Journal of the American Ceramic Society</i> , 2021, 104, 3554-3561.	3.8	0
23	Nanogels as Antifungalâ€Drug Delivery System Against <i>Aspergillus Fumigatus</i> . <i>Advanced NanoBiomed Research</i> , 2021, 1, 2000060.	3.6	6
24	Appreciating the First Line of the Human Innate Immune Defense: A Strategy to Model and Alleviate the Neutrophil Elastaseâ€Mediated Attack toward Bioactivated Biomaterials. <i>Small</i> , 2021, 17, e2007551.	10.0	12
25	Differential cellular responses to adhesive interactions with galectin-8- and fibronectin-coated substrates. <i>Journal of Cell Science</i> , 2021, 134, .	2.0	16
26	Bioprinting and Differentiation of Adipose-Derived Stromal Cell Spheroids for a 3D Breast Cancer-Adipose Tissue Model. <i>Cells</i> , 2021, 10, 803.	4.1	46
27	Polyoxazolines with a Vicinally Double-Bioactivated Terminus for Biomacromolecular Affinity Assessment. <i>Sensors</i> , 2021, 21, 3153.	3.8	2
28	Tuning the Thermogelation and Rheology of Poly(2-Oxazoline)/Poly(2-Oxazine)s Based Thermosensitive Hydrogels for 3D Bioprinting. <i>Gels</i> , 2021, 7, 78.	4.5	15
29	Melt Electrowriting of Isomalt for Highâ€Resolution Templating of Embedded Microchannels. <i>Advanced Materials Technologies</i> , 2021, 6, 2100221.	5.8	9
30	Inducing Immunomodulatory Effects on Human Macrophages by Multifunctional NCO-sP(EO- <i>stat</i> -PO)/Gelatin Hydrogel Nanofibers. <i>ACS Biomaterials Science and Engineering</i> , 2021, 7, 3166-3178.	5.2	8
31	Preclinical Testing of New Hydrogel Materials for Cartilage Repair: Overcoming Fixation Issues in a Large Animal Model. <i>International Journal of Biomaterials</i> , 2021, 2021, 1-14.	2.4	4
32	Actin cytoskeleton deregulation confers midostaurin resistance in FLT3-mutant acute myeloid leukemia. <i>Communications Biology</i> , 2021, 4, 799.	4.4	16
33	Translation of Collagen Ultrastructure to Biomaterial Fabrication for Materialâ€Independent but Highly Efficient Topographic Immunomodulation. <i>Advanced Materials</i> , 2021, 33, e2101228.	21.0	23
34	The Challenging Pharmacokinetics of Mitotane: An Old Drug in Need of New Packaging. <i>European Journal of Drug Metabolism and Pharmacokinetics</i> , 2021, 46, 575-593.	1.6	13
35	Ice Templating Soft Matter: Fundamental Principles and Fabrication Approaches to Tailor Pore Structure and Morphology and Their Biomedical Applications. <i>Advanced Materials</i> , 2021, 33, e2100091.	21.0	97
36	Extrusion-Based 3D Printing of Calcium Magnesium Phosphate Cement Pastes for Degradable Bone Implants. <i>Materials</i> , 2021, 14, 5197.	2.9	12

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37	The Importance of Interfaces in Multi-Material Biofabricated Tissue Structures. <i>Advanced Healthcare Materials</i> , 2021, 10, e2101021.	7.6	12
38	Human iPSC-derived mesodermal progenitor cells preserve their vasculogenesis potential after extrusion and form hierarchically organized blood vessels. <i>Biofabrication</i> , 2021, 13, 045028.	7.1	7
39	TEMPO/TCC as a Chemo Selective Alternative for the Oxidation of Hyaluronic Acid. <i>Molecules</i> , 2021, 26, 5963.	3.8	3
40	Controlling Topography and Crystallinity of Melt Electrowritten Poly(ϵ -Caprolactone) Fibers. <i>3D Printing and Additive Manufacturing</i> , 2021, 8, 315-321.	2.9	8
41	Layer-specific cell differentiation in bi-layered vascular grafts under flow perfusion. <i>Biofabrication</i> , 2020, 12, 015009.	7.1	43
42	A versatile biomaterial ink platform for the melt electrowriting of chemically-crosslinked hydrogels. <i>Materials Horizons</i> , 2020, 7, 928-933.	12.2	44
43	Precisely defined fiber scaffolds with 40 μ m porosity induce elongation driven M2-like polarization of human macrophages. <i>Biofabrication</i> , 2020, 12, 025007.	7.1	109
44	Differential Production of Cartilage ECM in 3D Agarose Constructs by Equine Articular Cartilage Progenitor Cells and Mesenchymal Stromal Cells. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7071.	4.1	11
45	Innovative therapies for invasive fungal infections in preclinical and clinical development. <i>Expert Opinion on Investigational Drugs</i> , 2020, 29, 961-971.	4.1	7
46	Long-Term in Vivo Performance of Low-Temperature 3D-Printed Bioceramics in an Equine Model. <i>ACS Biomaterials Science and Engineering</i> , 2020, 6, 1681-1689.	5.2	9
47	Hyaluronic Acid-Based Bioink Composition Enabling 3D Bioprinting and Improving Quality of Deposited Cartilaginous Extracellular Matrix. <i>Advanced Healthcare Materials</i> , 2020, 9, e2000737.	7.6	81
48	Melt Electrospinning of Nanofibers from Medical-Grade Poly(ϵ -Caprolactone) with a Modified Nozzle. <i>Small</i> , 2020, 16, e2003471.	10.0	35
49	Activated Polyhydroxyalkanoate Meshes Prevent Bacterial Adhesion and Biofilm Development in Regenerative Medicine Applications. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 442.	4.1	16
50	Nanotopographical Coatings Induce an Early Phenotype-Specific Response of Primary Material-Resident M1 and M2 Macrophages. <i>Materials</i> , 2020, 13, 1142.	2.9	8
51	Engineering Nanogels for Drug Delivery to Pathogenic Fungi <i>Aspergillus fumigatus</i> by Tuning Polymer Amphiphilicity. <i>Biomacromolecules</i> , 2020, 21, 3112-3121.	5.4	8
52	A comparative analysis of detachment forces and energies in initial and mature cell-material interaction. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020, 190, 110894.	5.0	18
53	In Situ Polymer Analogue Generation of Azlactone Functions at Poly(oxazoline)s for Peptide Conjugation. <i>Macromolecular Chemistry and Physics</i> , 2020, 221, 1900500.	2.2	4
54	Crosslinked Coating Improves the Signal-to-Noise Ratio of Iron Oxide Nanoparticles in Magnetic Particle Imaging (MPI). <i>ChemNanoMat</i> , 2020, 6, 755-758.	2.8	5

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55	From Shape to Function: The Next Step in Bioprinting. <i>Advanced Materials</i> , 2020, 32, e1906423.	21.0	298
56	The bioprinting roadmap. <i>Biofabrication</i> , 2020, 12, 022002.	7.1	291
57	Advances in Hybrid Fabrication toward Hierarchical Tissue Constructs. <i>Advanced Science</i> , 2020, 7, 1902953.	11.2	86
58	Stepwise Control of Crosslinking in a Oneâ€Pot System for Bioprinting of Lowâ€Density Bioinks. <i>Advanced Healthcare Materials</i> , 2020, 9, e1901544.	7.6	37
59	Rheological analysis of the interplay between the molecular weight and concentration of hyaluronic acid in formulations of supramolecular HA/FmocFF hybrid hydrogels. <i>Polymer Journal</i> , 2020, 52, 1007-1012.	2.7	13
60	Catechol-modified poly(oxazoline)s with tunable degradability facilitate cell invasion and lateral cartilage integration. <i>Journal of Industrial and Engineering Chemistry</i> , 2019, 80, 757-769.	5.8	18
61	Heterotypic Scaffold Design Orchestrates Primary Cell Organization and Phenotypes in Cocultured Small Diameter Vascular Grafts. <i>Advanced Functional Materials</i> , 2019, 29, 1905987.	14.9	82
62	Rethinking articular cartilage regeneration based on a 250-year-old statement. <i>Nature Reviews Rheumatology</i> , 2019, 15, 571-572.	8.0	44
63	Evolution of Bioengineered Lung Models: Recent Advances and Challenges in Tissue Mimicry for Studying the Role of Mechanical Forces in Cell Biology. <i>Advanced Functional Materials</i> , 2019, 29, 1903114.	14.9	40
64	Extracellular Matrix-Modified Fiber Scaffolds as a Proadipogenic Mesenchymal Stromal Cell Delivery Platform. <i>ACS Biomaterials Science and Engineering</i> , 2019, 5, 6655-6666.	5.2	15
65	Anisotropic Cryostructured Collagen Scaffolds for Efficient Delivery of RhBMPâ€2 and Enhanced Bone Regeneration. <i>Materials</i> , 2019, 12, 3105.	2.9	17
66	The Impact of Melt Electrowritten Scaffold Design on Porosity Determined by X-Ray Microtomography. <i>Tissue Engineering - Part C: Methods</i> , 2019, 25, 367-379.	2.1	37
67	Permanent Hydrophilization and Generic Bioactivation of Melt Electrowritten Scaffolds. <i>Advanced Healthcare Materials</i> , 2019, 8, e1801544.	7.6	23
68	Tailored Melt Electrowritten Scaffolds for the Generation of Sheetâ€Like Tissue Constructs from Multicellular Spheroids. <i>Advanced Healthcare Materials</i> , 2019, 8, e1801326.	7.6	48
69	Platelet lysate outperforms FCS and human serum for co-culture of primary human macrophages and hMSCs. <i>Scientific Reports</i> , 2019, 9, 3533.	3.3	20
70	Building Blocks for Biofabricated Models. <i>Advanced Healthcare Materials</i> , 2019, 8, e1900326.	7.6	3
71	Biofabrication: From Additive Manufacturing to Bioprinting. , 2019, , 41-41.		5
72	Easy-to-Prepare Coating of Standard Cell Culture Dishes for Cell-Sheet Engineering Using Aqueous Solutions of Poly(2-n-propyl-oxazoline). <i>ACS Biomaterials Science and Engineering</i> , 2019, 5, 1509-1517.	5.2	10

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73	Treatment of Focal Cartilage Defects in Minipigs with Zonal Chondrocyte/Mesenchymal Progenitor Cell Constructs. <i>International Journal of Molecular Sciences</i> , 2019, 20, 653.	4.1	15
74	Periosteum-derived mesenchymal progenitor cells in engineered implants promote fracture healing in a critical-size defect rat model. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2019, 13, 742-752.	2.7	15
75	Influence of charged groups on the cross-linking efficiency and release of guest molecules from thiolene cross-linked poly(2-oxazoline) hydrogels. <i>Journal of Materials Chemistry B</i> , 2019, 7, 1782-1794.	5.8	12
76	Magnesium Phosphate Cement as Mineral Bone Adhesive. <i>Materials</i> , 2019, 12, 3819.	2.9	18
77	Tough and Elastic β -Tricalcium Phosphate Cement Composites with Degradable PEG-Based Cross-Linker. <i>Materials</i> , 2019, 12, 53.	2.9	3
78	Nanogels Enable Efficient miRNA Delivery and Target Gene Downregulation in Transfection-Resistant Multiple Myeloma Cells. <i>Biomacromolecules</i> , 2019, 20, 916-926.	5.4	14
79	Special issue on bioinks. <i>Biofabrication</i> , 2019, 11, 010201.	7.1	7
80	Influence of MMP inhibitor GM6001 loading of fibre coated polypropylene meshes on wound healing: Implications for hernia repair. <i>Journal of Biomaterials Applications</i> , 2018, 32, 1343-1359.	2.4	8
81	Melt Electrowriting of Thermoplastic Elastomers. <i>Macromolecular Rapid Communications</i> , 2018, 39, e1800055.	3.9	52
82	Biofabrication: Development of Endothelial Cell Networks in 3D Tissues by Combination of Melt Electrospinning Writing with Cell Accumulation Technology (<i>Small</i> 2/2018). <i>Small</i> , 2018, 14, 1870010.	10.0	0
83	Mechanical behavior of a soft hydrogel reinforced with three-dimensional printed microfibre scaffolds. <i>Scientific Reports</i> , 2018, 8, 1245.	3.3	116
84	Mechanical activation and cement formation of trimagnesium phosphate. <i>Journal of the American Ceramic Society</i> , 2018, 101, 1830-1834.	3.8	10
85	Thioether-Polyglycidol as Multivalent and Multifunctional Coating System for Gold Nanoparticles. <i>Advanced Materials</i> , 2018, 30, 1704972.	21.0	12
86	Artificial inorganic biohybrids: The functional combination of microorganisms and cells with inorganic materials. <i>Acta Biomaterialia</i> , 2018, 74, 17-35.	8.3	27
87	siRNA release from gold nanoparticles by nanosecond pulsed laser irradiation and analysis of the involved temperature increase. <i>Journal of Biophotonics</i> , 2018, 11, e201700329.	2.3	9
88	Melt electrowriting below the critical translation speed to fabricate crimped elastomer scaffolds with non-linear extension behaviour mimicking that of ligaments and tendons. <i>Acta Biomaterialia</i> , 2018, 72, 110-120.	8.3	83
89	Out-of-Plane 3D-Printed Microfibers Improve the Shear Properties of Hydrogel Composites. <i>Small</i> , 2018, 14, 1702773.	10.0	53
90	Development of Endothelial Cell Networks in 3D Tissues by Combination of Melt Electrospinning Writing with Cell Accumulation Technology. <i>Small</i> , 2018, 14, 1701521.	10.0	38

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91	Biofabrication: A Guide to Technology and Terminology. Trends in Biotechnology, 2018, 36, 384-402.	9.3	465
92	Subtle changes in network composition impact the biodistribution and tumor accumulation of nanogels. Chemical Communications, 2018, 54, 11777-11780.	4.1	8
93	Evaluation of Hydrogels Based on Oxidized Hyaluronic Acid for Bioprinting. Gels, 2018, 4, 82.	4.5	34
94	Dimension-Based Design of Melt Electrowritten Scaffolds. Small, 2018, 14, e1800232.	10.0	167
95	TGF- β 1-Modified Hyaluronic Acid/Poly(glycidol) Hydrogels for Chondrogenic Differentiation of Human Mesenchymal Stromal Cells. Macromolecular Bioscience, 2018, 18, e1700390.	4.1	25
96	Design and fabrication of melt electrowritten tubes using intuitive software. Materials and Design, 2018, 155, 46-58.	7.0	56
97	Tissue Mimicry in Morphology and Composition Promotes Hierarchical Matrix Remodeling of Invading Stem Cells in Osteochondral and Meniscus Scaffolds. Advanced Materials, 2018, 30, e1706754.	21.0	37
98	Simultaneous structuring and mineralization of silk fibroin scaffolds. Journal of Tissue Engineering, 2018, 9, 204173141878850.	5.5	15
99	Reactive Self-Assembly and Specific Cellular Delivery of NCO- β -P(EO-stat-PO)-Derived Nanogels. Macromolecular Bioscience, 2018, 18, e1800094.	4.1	4
100	Highly flexible and degradable dual setting systems based on PEG-hydrogels and brushite cement. Acta Biomaterialia, 2018, 79, 182-201.	8.3	14
101	Melt Electrowriting Allows Tailored Microstructural and Mechanical Design of Scaffolds to Advance Functional Human Myocardial Tissue Formation. Advanced Functional Materials, 2018, 28, 1803151.	14.9	125
102	The Role of NRAS G12D Mutations in the Response to Conventional Chemotherapy and 5-Azacididine in Secondary AML. Blood, 2018, 132, 5148-5148.	1.4	0
103	Thiol-ene Clickable Poly(glycidol) Hydrogels for Biofabrication. Annals of Biomedical Engineering, 2017, 45, 273-285.	2.5	86
104	A novel human artery model to assess the magnetic accumulation of SPIONs under flow conditions. Scientific Reports, 2017, 7, 42314.	3.3	16
105	Live-cell super-resolution imaging of intrinsically fast moving flagellates. Journal Physics D: Applied Physics, 2017, 50, 074004.	2.8	3
106	Thiol-ene Cross-Linkable Hydrogels as Bioinks for Biofabrication. Macromolecular Symposia, 2017, 372, 102-107.	0.7	13
107	A new strategy to measure intercellular adhesion forces in mature cell-cell contacts. Scientific Reports, 2017, 7, 46152.	3.3	70
108	Kontrolle der Freisetzungskinetik von Nanopartikeln aus 3D-gedruckten Hydrogelgeräten. Angewandte Chemie, 2017, 129, 4694-4699.	2.0	1

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109	Via precise interface engineering towards bioinspired composites with improved 3D printing processability and mechanical properties. <i>Journal of Materials Chemistry B</i> , 2017, 5, 5037-5047.	5.8	23
110	Simultaneous formation and mineralization of star-P(EO-stat-PO) hydrogels. <i>Materials Science and Engineering C</i> , 2017, 75, 471-477.	7.3	8
111	Control of Nanoparticle Release Kinetics from 3D Printed Hydrogel Scaffolds. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 4623-4628.	13.8	53
112	A Bone Glue with Sustained Adhesion under Wet Conditions. <i>Advanced Healthcare Materials</i> , 2017, 6, 1600902.	7.6	23
113	Cell communication modes and bidirectional mitochondrial exchange in direct and indirect macrophage/hMSC co-culture models. <i>BioNanoMaterials</i> , 2017, 18, .	1.4	1
114	Tissue Engineering: Melt Electrospinning Writing of Poly(̑-Hydroxymethylglycolide-̑-caprolactone) Based Scaffolds for Cardiac Tissue Engineering (Adv. Healthcare Mater. 18/2017). <i>Advanced Healthcare Materials</i> , 2017, 6, .	7.6	1
115	Multimodal Bioactivation of Hydrophilic Electrospun Nanofibers Enables Simultaneous Tuning of Cell Adhesivity and Immunomodulatory Effects. <i>Advanced Functional Materials</i> , 2017, 27, 1702903.	14.9	22
116	Thiol-ene Clickable Gelatin: A Platform Bioink for Multiple 3D Biofabrication Technologies. <i>Advanced Materials</i> , 2017, 29, 1703404.	21.0	248
117	Double printing of hyaluronic acid/poly(glycidol) hybrid hydrogels with poly(̑-caprolactone) for MSC chondrogenesis. <i>Biofabrication</i> , 2017, 9, 044108.	7.1	119
118	Proposal to assess printability of bioinks for extrusion-based bioprinting and evaluation of rheological properties governing bioprintability. <i>Biofabrication</i> , 2017, 9, 044107.	7.1	620
119	Intrinsic 3D Prestressing: A New Route for Increasing Strength and Improving Toughness of Hybrid Inorganic Biocements. <i>Advanced Materials</i> , 2017, 29, 1701035.	21.0	12
120	Melt Electrospinning Writing of Poly(̑-Hydroxymethylglycolide-̑-caprolactone) Based Scaffolds for Cardiac Tissue Engineering. <i>Advanced Healthcare Materials</i> , 2017, 6, 1700311.	7.6	144
121	Melt electrospinning writing of defined scaffolds using polylactide-poly(ethylene glycol) blends with 45S5 bioactive glass particles. <i>Materials Letters</i> , 2017, 205, 257-260.	2.6	39
122	A Thermogelling Supramolecular Hydrogel with Sponge-Like Morphology as a Cytocompatible Bioink. <i>Biomacromolecules</i> , 2017, 18, 2161-2171.	5.4	90
123	In vitro ion adsorption and cytocompatibility of dicalcium phosphate ceramics. <i>Biomaterials Research</i> , 2017, 21, 10.	6.9	18
124	The use of a cartilage decellularized matrix scaffold for the repair of osteochondral defects: the importance of long-term studies in a large animal model. <i>Osteoarthritis and Cartilage</i> , 2017, 25, 413-420.	1.3	49
125	An in vitro and in vivo study of peptide-functionalized nanoparticles for brain targeting: The importance of selective blood-brain barrier uptake. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2017, 13, 1289-1300.	3.3	19
126	Isotropic Versus Bipolar Functionalized Biomimetic Artificial Basement Membranes and Their Evaluation in Long-Term Human Cell Co-Culture. <i>Advanced Healthcare Materials</i> , 2016, 5, 1939-1948.	7.6	19

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127	Application of Linear and Branched Poly(Ethylene Glycol)â€Poly(Lactide) Block Copolymers for the Preparation of Films and Solution Electrospun Meshes. <i>Macromolecular Bioscience</i> , 2016, 16, 441-450.	4.1	4
128	Bilateral <scp>PLA</scp>/alginate membranes for the prevention of postsurgical adhesions. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2016, 104, 1563-1570.	3.4	13
129	A Step Towards Clinical Translation of Biofabrication. <i>Trends in Biotechnology</i> , 2016, 34, 356-357.	9.3	16
130	DNA Nanogels To Snare Carcinogens: A Bioinspired Generic Approach with High Efficiency. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 12210-12213.	13.8	23
131	DNAâ€Nanogeale als Falle fÄ¼r Karzinogene: ein bioinspiriertes, generisches Konzept mit hoher Effizienz. <i>Angewandte Chemie</i> , 2016, 128, 12398-12401.	2.0	0
132	Protein RS1 (<i>RSC1A1</i>) Downregulates the Exocytotic Pathway of Glucose Transporter SGLT1 at Low Intracellular Glucose via Inhibition of Ornithine Decarboxylase. <i>Molecular Pharmacology</i> , 2016, 90, 508-521.	2.3	8
133	Fibre pulsing during melt electrospinning writing. <i>BioNanoMaterials</i> , 2016, 17, .	1.4	109
134	Electrochemically assisted deposition of strontium modified magnesium phosphate on titanium surfaces. <i>Materials Science and Engineering C</i> , 2016, 67, 65-71.	7.3	15
135	Novel bone wax based on poly(ethylene glycol)â€calcium phosphate cement mixtures. <i>Acta Biomaterialia</i> , 2016, 33, 252-263.	8.3	29
136	Biofabrication: reappraising the definition of an evolving field. <i>Biofabrication</i> , 2016, 8, 013001.	7.1	523
137	Phosphorylation of RS1 (<i>RSC1A1</i>) Steers Inhibition of Different Exocytotic Pathways for Glucose Transporter SGLT1 and Nucleoside Transporter CNT1, and an RS1-Derived Peptide Inhibits Glucose Absorption. <i>Molecular Pharmacology</i> , 2016, 89, 118-132.	2.3	22
138	Additive Manufacturing of a Photo-Cross-Linkable Polymer via Direct Melt Electrospinning Writing for Producing High Strength Structures. <i>Biomacromolecules</i> , 2016, 17, 208-214.	5.4	85
139	Real-time measurement of protein adsorption on electrophoretically deposited hydroxyapatite coatings and magnetron sputtered metallic films using the surface acoustic wave technique. <i>Materials Science and Engineering C</i> , 2016, 61, 351-354.	7.3	7
140	Strength reliability and in vitro degradation of three-dimensional powder printed strontium-substituted magnesium phosphate scaffolds. <i>Acta Biomaterialia</i> , 2016, 31, 401-411.	8.3	79
141	Strategies and Molecular Design Criteria for 3D Printable Hydrogels. <i>Chemical Reviews</i> , 2016, 116, 1496-1539.	47.7	580
142	Quantifying ligandâ€cell interactions and determination of the surface concentrations of ligands on hydrogel films: The measurement challenge. <i>Biointerphases</i> , 2015, 10, 021007.	1.6	7
143	Melt electrospinning onto cylinders: effects of rotational velocity and collector diameter on morphology of tubular structures. <i>Polymer International</i> , 2015, 64, 1086-1095.	3.1	86
144	Mechanically Strong Microstructured Hydrogels Based on Reactive Starâ€Shaped Prepolymers. <i>Macromolecular Symposia</i> , 2015, 358, 148-156.	0.7	2

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145	Cysteineâ€Functional Polymers via Thiolâ€ene Conjugation. <i>Macromolecular Rapid Communications</i> , 2015, 36, 472-476.	3.9	17
146	Chelate Bonding Mechanism in a Novel Magnesium Phosphate Bone Cement. <i>Journal of the American Ceramic Society</i> , 2015, 98, 694-697.	3.8	26
147	Dreidimensional gedruckte, zellbeladene Konstrukte aus Spinnenseide. <i>Angewandte Chemie</i> , 2015, 127, 2858-2862.	2.0	5
148	Biofabrication of Cellâ€Loaded 3D Spider Silk Constructs. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 2816-2820.	13.8	207
149	Polymeric Electrospun Scaffolds: Neuregulin Encapsulation and Biocompatibility Studies in a Model of Myocardial Ischemia. <i>Tissue Engineering - Part A</i> , 2015, 21, 1654-1661.	3.1	23
150	Fabrication of individual alginate-TCP scaffolds for bone tissue engineering by means of powder printing. <i>Biofabrication</i> , 2015, 7, 015004.	7.1	56
151	Side-Chain Cysteine-Functionalized Poly(2-oxazoline)s for Multiple Peptide Conjugation by Native Chemical Ligation. <i>Biomacromolecules</i> , 2015, 16, 1088-1094.	5.4	38
152	Biofabrication of 3D constructs: fabrication technologies and spider silk proteins as bioinks. <i>Pure and Applied Chemistry</i> , 2015, 87, 737-749.	1.9	53
153	Additive manufacturing of scaffolds with sub-micron filaments via melt electrospinning writing. <i>Biofabrication</i> , 2015, 7, 035002.	7.1	296
154	Reinforcement Strategies for Load-Bearing Calcium Phosphate Biocements. <i>Materials</i> , 2015, 8, 2700-2717.	2.9	59
155	Covalently layer-by-layer assembled homogeneous nanolayers with switchable wettability. <i>Polymer Chemistry</i> , 2015, 6, 4690-4697.	3.9	6
156	Dispersity control of linear poly(glycidyl ether)s by slow monomer addition. <i>RSC Advances</i> , 2015, 5, 67323-67326.	3.6	6
157	Fiber reinforcement during 3D printing. <i>Materials Letters</i> , 2015, 139, 165-168.	2.6	147
158	Dual-setting brushiteâ€silica gel cements. <i>Acta Biomaterialia</i> , 2015, 11, 467-476.	8.3	27
159	Age Macular Degeneration: Etiology, Prevention, Individualized Therapies, Cell Therapy, and Tissue Engineering. <i>Journal of Ophthalmology</i> , 2014, 2014, 1-2.	1.3	4
160	Current Treatment Limitations in Age-Related Macular Degeneration and Future Approaches Based on Cell Therapy and Tissue Engineering. <i>Journal of Ophthalmology</i> , 2014, 2014, 1-13.	1.3	53
161	High definition fibrous poly(2-ethyl-2-oxazoline) scaffolds through melt electrospinning writing. <i>Polymer</i> , 2014, 55, 5017-5023.	3.8	104
162	Controlled intramyocardial release of engineered chemokines by biodegradable hydrogels as a treatment approach of myocardial infarction. <i>Journal of Cellular and Molecular Medicine</i> , 2014, 18, 790-800.	3.6	36

#	ARTICLE	IF	CITATIONS
163	In situ formation of multilayer biocomposite with anisotropic crystal orientation. <i>Materials Letters</i> , 2014, 120, 111-114.	2.6	1
164	Hydrogelâ€“fibre composites with independent control over cell adhesion to gel and fibres as an integral approach towards a biomimetic artificial ECM. <i>Biofabrication</i> , 2014, 6, 024106.	7.1	14
165	Direct 3D powder printing of biphasic calcium phosphate scaffolds for substitution of complex bone defects. <i>Biofabrication</i> , 2014, 6, 015006.	7.1	180
166	Physical and chemical characterization of Ag-doped Ti coatings produced by magnetron sputtering of modular targets. <i>Materials Science and Engineering C</i> , 2014, 44, 126-131.	7.3	4
167	Nanogels with High Active Î²-Cyclodextrin Content as Physical Coating System with Sustained Release Properties. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 2300-2311.	8.0	24
168	Fabrication and cytocompatibility of spherical magnesium ammonium phosphate granules. <i>Materials Science and Engineering C</i> , 2014, 42, 130-136.	7.3	8
169	Plasma-Assisted Hydrophilization of Cochlear Implant Electrode Array Surfaces Enables Adhesion of Neurotrophin-Secreting Cells. <i>Orl</i> , 2014, 76, 257-265.	1.1	5
170	Stable Biochemically Micro-patterned Hydrogel Layers Control Specific Cell Adhesion and Allow Long Term Cyclic Tensile Strain Experiments. <i>Macromolecular Bioscience</i> , 2014, 14, 1547-1555.	4.1	7
171	In Vitro and In Vivo Evaluation of a Hydrogel Reservoir as a Continuous Drug Delivery System for Inner Ear Treatment. <i>PLoS ONE</i> , 2014, 9, e104564.	2.5	39
172	Guidance of Mesenchymal Stem Cells on Fibronectin Structured Hydrogel Films. <i>PLoS ONE</i> , 2014, 9, e109411.	2.5	14
173	Mechanically strong hydrogels with reversible behaviour under cyclic compression with MPa loading. <i>Soft Matter</i> , 2013, 9, 2869.	2.7	49
174	Ultrathin sP(EO-stat-PO) hydrogel coatings are biocompatible and preserve functionality of surface bound growth factors in vivo. <i>Journal of Materials Science: Materials in Medicine</i> , 2013, 24, 2417-2427.	3.6	6
175	Strong and tough magnesium wire reinforced phosphate cement composites for load-bearing bone replacement. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2013, 20, 36-44.	3.1	36
176	Oxygen diffusion hardening of tantalum coatings on cp-titanium for biomedical applications. <i>Surface and Coatings Technology</i> , 2013, 216, 46-51.	4.8	13
177	The role of substrate morphology for the cytokine release profile of immature human primary macrophages. <i>Materials Science and Engineering C</i> , 2013, 33, 5109-5114.	7.3	8
178	Fabrication of computationally designed scaffolds by low temperature 3D printing. <i>Biofabrication</i> , 2013, 5, 035012.	7.1	90
179	25th Anniversary Article: Engineering Hydrogels for Biofabrication. <i>Advanced Materials</i> , 2013, 25, 5011-5028.	21.0	1,522
180	How smart do biomaterials need to be? A translational science and clinical point of view. <i>Advanced Drug Delivery Reviews</i> , 2013, 65, 581-603.	13.7	429

#	ARTICLE	IF	CITATIONS
181	Mild Oxidation of Thiofunctional Polymers to Cytocompatible and Stimuli-Sensitive Hydrogels and Nanogels. <i>Macromolecular Bioscience</i> , 2013, 13, 470-482.	4.1	17
182	Expansion and Differentiation of Germline-Derived Pluripotent Stem Cells on Biomaterials. <i>Tissue Engineering - Part A</i> , 2013, 19, 1067-1080.	3.1	4
183	Bone tissue engineering in osteoporosis. <i>Maturitas</i> , 2013, 75, 118-124.	2.4	50
184	Chemical characterization of hydroxyapatite obtained by wet chemistry in the presence of V, Co, and Cu ions. <i>Materials Science and Engineering C</i> , 2013, 33, 1654-1661.	7.3	17
185	Dual setting β -tricalcium phosphate cements. <i>Journal of Materials Science: Materials in Medicine</i> , 2013, 24, 573-581.	3.6	28
186	Surface Passivation for Single Molecule Detection. , 2013, , 2531-2536.		0
187	Unidirectional Control of Anisotropic Wetting through Surface Modification of PDMS Microstructures. <i>Langmuir</i> , 2013, 29, 12331-12336.	3.5	17
188	Emulsion synthesis of dicalcium phosphate particles for the preparation of calcium phosphate cements with improved compressive strengths and reduced setting times. <i>BioNanoMaterials</i> , 2013, 14, .	1.4	0
189	Embedding of Active Proteins and Living Cells in Redox-Sensitive Hydrogels and Nanogels through Enzymatic Cross-Linking. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 3000-3003.	13.8	89
190	Tailored Macromolecules Versus Nanoparticles as Additives for Mechanical Reinforcement of NCO-sP(EO-stat-PO) Hydrogels. , 2013, , 77-89.		1
191	The Next Step in Biomimetic Material Design: Poly-LacNAc-Mediated Reversible Exposure of Extra Cellular Matrix Components. <i>Advanced Healthcare Materials</i> , 2013, 2, 306-311.	7.6	17
192	Stimuli-Sensitive Microgels from Native Elastin: An Easy Approach for a Drug Release System. <i>Advances in Polymer Science</i> , 2013, , 415-430.	0.8	0
193	Nanostructuring of Refractory Metal Surfaces by Electrochemical Oxidation: Nb and the Binary Systems Ti-Ta and Nb-Ta. <i>Current Nanoscience</i> , 2013, 9, 132-138.	1.2	6
194	Star Polymers as Biofunctional Coatings. , 2013, , 1-8.		0
195	Bleaching of plasmon-resonance absorption of gold nanorods decreases efficiency of cell destruction. <i>Journal of Biomedical Optics</i> , 2012, 17, 058003.	2.6	17
196	Peptide-Functionalized Gold Nanorods Increase Liver Injury in Hepatitis. <i>ACS Nano</i> , 2012, 6, 8767-8777.	14.6	137
197	Effects of nanoparticle surface-coupled peptides, functional endgroups, and charge on intracellular distribution and functionality of human primary reticuloendothelial cells. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2012, 8, 1282-1292.	3.3	40
198	Hydrogels in sensing applications. <i>Progress in Polymer Science</i> , 2012, 37, 1678-1719.	24.7	593

#	ARTICLE	IF	CITATIONS
199	Tenside-free Preparation of Nanogels with High Functional β -Cyclodextrin Content. ACS Nano, 2012, 6, 8087-8093.	14.6	33
200	P2RX7 genotype association in severe sepsis identified by a novel Multi-Individual Array for rapid screening and replication of risk SNPs. Clinica Chimica Acta, 2012, 413, 39-47.	1.1	18
201	Magnesium ions and alginate do form hydrogels: a rheological study. Soft Matter, 2012, 8, 4877.	2.7	114
202	Polysaccharide based covalently linked multi-membrane hydrogels. Soft Matter, 2012, 8, 1643-1647.	2.7	26
203	Low temperature fabrication of spherical brushite granules by cement paste emulsion. Journal of Materials Science: Materials in Medicine, 2012, 23, 2631-2637.	3.6	9
204	Controlled Ring-Opening Polymerization of Substituted Episulfides for Side-Chain Functional Polysulfide-Based Amphiphiles. Macromolecular Rapid Communications, 2012, 33, 1482-1486.	3.9	9
205	A hydrogel-based versatile screening platform for specific biomolecular recognition in a well plate format. Analytical and Bioanalytical Chemistry, 2012, 403, 517-526.	3.7	15
206	In situ guided tissue regeneration in musculoskeletal diseases and aging. Cell and Tissue Research, 2012, 347, 725-735.	2.9	24
207	Inducing healing-like human primary macrophage phenotypes by 3D hydrogel coated nanofibres. Biomaterials, 2012, 33, 4136-4146.	11.4	112
208	Fiber reinforced calcium phosphate cements " On the way to degradable load bearing bone substitutes?. Biomaterials, 2012, 33, 5887-5900.	11.4	142
209	Bone targeting for the treatment of osteoporosis. Journal of Controlled Release, 2012, 161, 198-213.	9.9	79
210	Differences of crystal structure and dynamics between a soft porous nanocrystal and a bulk crystal. Chemical Communications, 2011, 47, 7632.	4.1	60
211	Makromolekulare Chemie 2010. Nachrichten Aus Der Chemie, 2011, 59, 324-334.	0.0	0
212	Biocompatibility of PLGA/sP(EO-stat-PO)-Coated Mesh Surfaces under Constant Shearing Stress. European Surgical Research, 2011, 47, 118-129.	1.3	11
213	Degradable polyester scaffolds with controlled surface chemistry combining minimal protein adsorption with specific bioactivation. Nature Materials, 2011, 10, 67-73.	27.5	298
214	NCO-sP(EO-stat-PO) Coatings on Gold Sensors" a QCM Study of Hemocompatibility. Sensors, 2011, 11, 5253-5269.	3.8	8
215	NCO-sP(EO-stat-PO) surface coatings preserve biochemical properties of RGD peptides. International Journal of Molecular Medicine, 2010, 27, 139-45.	4.0	2
216	Surface Coating Strategies to Prevent Biofilm Formation on Implant Surfaces. International Journal of Artificial Organs, 2010, 33, 646-653.	1.4	97

#	ARTICLE	IF	CITATIONS
217	Nano- and Microgels Through Addition Reactions of Functional Oligomers and Polymers. <i>Advances in Polymer Science</i> , 2010, , 65-93.	0.8	12
218	Functionalization of electrospun fibers of poly(μ -caprolactone) with star shaped NCO-poly(ethylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf <i>Materials in Medicine</i> , 2010, 21, 2637-2651.	3.6	34
219	Mechanical integrin stress and magnetic forces induce biological responses in mesenchymal stem cells which depend on environmental factors. <i>Journal of Cellular Biochemistry</i> , 2010, 111, 1586-1597.	2.6	37
220	Electrospun, Biofunctionalized Fibers as Tailored in vitro Substrates for Keratinocyte Cell Culture. <i>Macromolecular Bioscience</i> , 2010, 10, 1022-1027.	4.1	25
221	Myoblast morphology and organization on biochemically micro-patterned hydrogel coatings under cyclic mechanical strain. <i>Biomaterials</i> , 2010, 31, 250-258.	11.4	101
222	Rapid preparation of flexible porous coordination polymer nanocrystals with accelerated guest adsorption kinetics. <i>Nature Chemistry</i> , 2010, 2, 410-416.	13.6	324
223	BMP-7-Loaded PGLA Microspheres as a New Delivery System for the Cultivation of Human Chondrocytes in a Collagen Type I Gel: The Common Nude Mouse Model. <i>International Journal of Artificial Organs</i> , 2010, 33, 45-53.	1.4	28
224	Star Polymer Surface Passivation for Single-Molecule Detection. <i>Methods in Enzymology</i> , 2010, 472, 1-18.	1.0	11
225	Rapid Uptake of Gold Nanorods by Primary Human Blood Phagocytes and Immunomodulatory Effects of Surface Chemistry. <i>ACS Nano</i> , 2010, 4, 3073-3086.	14.6	214
226	Phagocytosis Independent Extracellular Nanoparticle Clearance by Human Immune Cells. <i>Nano Letters</i> , 2010, 10, 59-63.	9.1	168
227	Tailored hyaluronic acid hydrogels through hydrophilic prepolymer cross-linkers. <i>Soft Matter</i> , 2010, 6, 618-629.	2.7	29
228	BMP-7-loaded PGLA microspheres as a new delivery system for the cultivation of human chondrocytes in a collagen type I gel: the common nude mouse model. <i>International Journal of Artificial Organs</i> , 2010, 33, 45-53.	1.4	13
229	Novel Surface Coatings Modulating Eukaryotic Cell Adhesion and Preventing Implant Infection. <i>International Journal of Artificial Organs</i> , 2009, 32, 655-662.	1.4	46
230	Biocompatible and degradable nanogels via oxidation reactions of synthetic thiomers in inverse miniemulsion. <i>Journal of Polymer Science Part A</i> , 2009, 47, 5543-5549.	2.3	70
231	Structure and Properties of Ureaâ€Crosslinked Star Poly[(ethylene oxide)â€(propylene oxide)] Hydrogels. <i>Macromolecular Bioscience</i> , 2008, 8, 923-931.	4.1	44
232	Immobilized DNA aptamers used as potent attractors for porcine endothelial precursor cells. <i>Journal of Biomedical Materials Research - Part A</i> , 2008, 84A, 614-621.	4.0	108
233	Ultrathin Coatings with Change in Reactivity over Time Enable Functional In Vitro Networks Of Insect Neurons. <i>Advanced Materials</i> , 2008, 20, 2751-2755.	21.0	23
234	Thin Film Morphologies of Block Copolymers Complexed with Wedge-Shaped Liquid Crystalline Amphiphilic Molecules. <i>Macromolecules</i> , 2008, 41, 1728-1738.	4.8	45

#	ARTICLE	IF	CITATIONS
235	Patterned melt electrospun substrates for tissue engineering. <i>Biomedical Materials (Bristol)</i> , 2008, 3, 034109.	3.3	123
236	Micro- and Nanopatterned Star Poly(ethylene glycol) (PEG) Materials Prepared by UV-Based Imprint Lithography. <i>Langmuir</i> , 2007, 23, 7841-7846.	3.5	43
237	Microcontact printing of proteins for neuronal cell guidance. <i>Soft Matter</i> , 2007, 3, 290-298.	2.7	88
238	Synthesis, patterning and applications of star-shaped poly(ethylene glycol) biofunctionalized surfaces. <i>Molecular BioSystems</i> , 2007, 3, 419-430.	2.9	83
239	Surface Grafting of PEO-Based Star-Shaped Molecules for Bioanalytical and Biomedical Applications. <i>Macromolecular Bioscience</i> , 2007, 7, 1010-1023.	4.1	104
240	Influence of Different ECM Mimetic Peptide Sequences Embedded in a Nonfouling Environment on the Specific Adhesion of Human Skin Keratinocytes and Fibroblasts on Deformable Substrates. <i>Small</i> , 2007, 3, 1023-1031.	10.0	76
241	Blood cell and plasma protein repellent properties of Star-PEG-modified surfaces. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2006, 17, 985-996.	3.5	60
242	A novel star PEG-derived surface coating for specific cell adhesion. <i>Journal of Biomedical Materials Research - Part A</i> , 2005, 74A, 607-617.	4.0	140
243	Nanostructured Ordering of Fluorescent Markers and Single Proteins on Substrates. <i>ChemBioChem</i> , 2005, 6, 1782-1787.	2.6	29
244	Comparison of Coatings from Reactive Star Shaped PEG-stat-PPG Prepolymers and Grafted Linear PEG for Biological and Medical Applications. <i>Biomacromolecules</i> , 2005, 6, 956-962.	5.4	103
245	Ultrathin Coatings from Isocyanate-Terminated Star PEG Prepolymers: Layer Formation and Characterization. <i>Langmuir</i> , 2005, 21, 1991-1999.	3.5	61
246	Ultrathin Functional Star PEG Coatings for DNA Microarrays. <i>Biomacromolecules</i> , 2005, 6, 1819-1823.	5.4	27
247	Ultrathin Coatings from Isocyanate Terminated Star PEG Prepolymers: Patterning of Proteins on the Layers. <i>Langmuir</i> , 2005, 21, 3076-3083.	3.5	47
248	Biofunctionalized Polymer Surfaces Exhibiting Minimal Interaction towards Immobilized Proteins. <i>ChemPhysChem</i> , 2004, 5, 552-555.	2.1	84
249	Biofunctionalized, Ultrathin Coatings of Cross-Linked Star-Shaped Poly(ethylene oxide) Allow Reversible Folding of Immobilized Proteins. <i>Journal of the American Chemical Society</i> , 2004, 126, 4234-4239.	13.7	191
250	Structural Optimization of Macroporous Magnesium Phosphate Scaffolds and their Cytocompatibility. <i>Key Engineering Materials</i> , 0, 493-494, 813-819.	0.4	4
251	Evaluation of the Influence of Biosurface Design on the Interaction between the Regulatory Peptide RS1 and ODC1 Reveals a Membrane-Dependent Affinity Increase. <i>Advanced Biology</i> , 0, , 2101108.	2.5	0
252	Correlative Analysis of Intra-Versus Extracellular Cell Detachment Events via the Alignment of Optical Imaging and Detachment Force Quantification. <i>Advanced Materials Technologies</i> , 0, , 2200195.	5.8	0