Bas van Bochove

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4796374/publications.pdf

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25	613	623574	610775
papers	citations	14	24
		h-index	g-index

26	26	26	772
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Biomaterials in search of a meniscus substitute. Biomaterials, 2014, 35, 3527-3540.	5.7	96
2	Polymeric drug delivery systems by additive manufacturing. Advanced Drug Delivery Reviews, 2021, 173, 349-373.	6.6	86
3	Photo-crosslinked synthetic biodegradable polymer networks for biomedical applications. Journal of Biomaterials Science, Polymer Edition, 2019, 30, 77-106.	1.9	65
4	Robust shape-retaining nanocellulose-based aerogels decorated with silver nanoparticles for fast continuous catalytic discoloration of organic dyes. Separation and Purification Technology, 2020, 242, 116523.	3.9	54
5	Preparation of Designed Poly(trimethylene carbonate) Meniscus Implants by Stereolithography: Challenges in Stereolithography. Macromolecular Bioscience, 2016, 16, 1853-1863.	2.1	49
6	Additive Manufacturing of Bioactive Poly(trimethylene carbonate)/Î²-Tricalcium Phosphate Composites for Bone Regeneration. Biomacromolecules, 2020, 21, 366-375.	2.6	30
7	Improved Bone Regeneration in Rabbit Bone Defects Using 3D Printed Composite Scaffolds Functionalized with Osteoinductive Factors. ACS Applied Materials & Interfaces, 2020, 12, 48340-48356.	4.0	23
8	Drug-releasing biopolymeric structures manufactured via stereolithography. Biomedical Physics and Engineering Express, 2019, 5, 025008.	0.6	22
9	On Laccase-Catalyzed Polymerization of Biorefinery Lignin Fractions and Alignment of Lignin Nanoparticles on the Nanocellulose Surface via One-Pot Water-Phase Synthesis. ACS Sustainable Chemistry and Engineering, 2021, 9, 8770-8782.	3.2	22
10	Degradation behavior of, and tissue response to photoâ€crosslinked poly(trimethylene carbonate) networks. Journal of Biomedical Materials Research - Part A, 2016, 104, 2823-2832.	2.1	21
11	Injectable thiol-ene hydrogel of galactoglucomannan and cellulose nanocrystals in delivery of therapeutic inorganic ions with embedded bioactive glass nanoparticles. Carbohydrate Polymers, 2022, 276, 118780.	5.1	20
12	3D inkjet-printing of photo-crosslinkable resins for microlens fabrication. Additive Manufacturing, 2022, 50, 102534.	1.7	18
13	Developing Advanced Functional Polymers for Biomedical Applications. Biomacromolecules, 2020, 21, 273-275.	2.6	17
14	Multiscale Structural Characterization of Biocompatible Poly(trimethylene carbonate) Photoreticulated Networks. ACS Applied Polymer Materials, 2019, 1, 1811-1820.	2.0	14
15	Moldâ€Based Application of Laserâ€Induced Periodic Surface Structures (LIPSS) on Biomaterials for Nanoscale Patterning. Macromolecular Bioscience, 2016, 16, 43-49.	2.1	12
16	Photoâ€Crosslinked Elastomeric Bimodal Poly(trimethylene carbonate) Networks. Macromolecular Materials and Engineering, 2019, 304, 1800623.	1.7	12
17	Phaseâ€separated mixedâ€macromer hydrogel networks and scaffolds prepared by stereolithography. Polymers for Advanced Technologies, 2017, 28, 1212-1218.	1.6	11
18	Multiscale structural characterization of biocompatible poly(trimethylene carbonate) networks photo-cross-linked in a solvent. Polymer Testing, 2020, 90, 106740.	2.3	10

#	Article	IF	Citations
19	Mechanical properties of porous photo-crosslinked poly(trimethylene carbonate) network films. European Polymer Journal, 2021, 143, 110223.	2.6	9
20	Grafting a lubricious coating onto photoâ€crosslinked poly(trimethylene carbonate). Polymers for Advanced Technologies, 2015, 26, 1428-1432.	1.6	8
21	Patientâ€Specific Bioimplants and Reconstruction Plates for Mandibular Defects: Production Workflow and In Vivo Large Animal Model Study. Macromolecular Bioscience, 2022, 22, e2100398.	2.1	6
22	Native Structure of the Plant Cell Wall Utilized for Topâ€Down Assembly of Aligned Cellulose Nanocrystals into Micrometerâ€Sized Nanoporous Particles. Macromolecular Rapid Communications, 2020, 41, 2000201.	2.0	5
23	Synthesis and characterization of photo-crosslinked poly(carbonate anhydrides). EXPRESS Polymer Letters, 2020, 14, 358-367.	1.1	2
24	Back Cover: Macromol. Biosci. 1/2016. Macromolecular Bioscience, 2016, 16, 168-168.	2.1	0
25	Tough biodegradable hydrogel scaffolds prepared by stereolithography. Frontiers in Bioengineering and Biotechnology, 0, 4, .	2.0	0