

Bryan D James

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5317478/publications.pdf>

Version: 2024-02-01

17
papers

197
citations

1307594

7
h-index

1058476

14
g-index

17
all docs

17
docs citations

17
times ranked

196
citing authors

#	ARTICLE	IF	CITATIONS
1	Vascular Endothelial Cell Behavior in Complex Mechanical Microenvironments. ACS Biomaterials Science and Engineering, 2018, 4, 3818-3842.	5.2	34
2	The <i>M/V X-Press Pearl</i> Nurdle Spill: Contamination of Burnt Plastic and Unburnt Nurdles along Sri Lankaâ€™s Beaches. ACS Environmental Au, 2022, 2, 128-135.	7.0	28
3	Let's Talk About Sexâ€™ Biological Sex Is Underreported in Biomaterial Studies. Advanced Healthcare Materials, 2021, 10, e2001034.	7.6	26
4	Antiâ€VEGFâ€R2 Aptamer and RGD Peptide Synergize in a Bifunctional Hydrogel for Enhanced Angiogenic Potential. Macromolecular Bioscience, 2021, 21, e2000337.	4.1	26
5	Oil-Infused Silicone Prevents Zebra Mussel Adhesion. ACS Applied Bio Materials, 2019, 2, 5841-5847.	4.6	20
6	Mineralized DNA-collagen complex-based biomaterials for bone tissue engineering. International Journal of Biological Macromolecules, 2020, 161, 1127-1139.	7.5	13
7	Palm readings: Manicaria saccifera palm fibers are biocompatible textiles with low immunogenicity. Materials Science and Engineering C, 2020, 108, 110484.	7.3	12
8	Sexâ€Specific Response to Combinations of Shear Stress and Substrate Stiffness by Endothelial Cells In Vitro. Advanced Healthcare Materials, 2021, 10, e2100735.	7.6	12
9	MechanoBioTester: A Decoupled Multistimulus Cell Culture Device for Studying Complex Microenvironments <i>In Vitro</i>. ACS Biomaterials Science and Engineering, 2020, 6, 3673-3689.	5.2	5
10	Biomaterials Science Can Offer a Valuable Second Opinion on Natureâ€™s Plastic Malady. Environmental Science & Technology, 2022, 56, 1475-1477.	10.0	5
11	Attachment of zebra and quagga mussel adhesive plaques to diverse substrates. Scientific Reports, 2021, 11, 23998.	3.3	5
12	Oligomer Length Defines the Self-Assembly of Single-Stranded DNAâ€Collagen Complex Fibers. ACS Biomaterials Science and Engineering, 2020, 6, 213-218.	5.2	4
13	Self-assembled VEGF-R2 targeting DNA aptamer-collagen fibers stimulate an angiogenic-like endothelial cell phenotype. Materials Science and Engineering C, 2021, 120, 111683.	7.3	3
14	Power-to-gas: Amphibious yacht and fueling station. International Journal of Hydrogen Energy, 2019, 44, 31646-31669.	7.1	2
15	Bone tissue engineering. , 2022, , 587-644.		2
16	Engineering with Multiphase Structures. Methods in Molecular Biology, 2022, 2375, 115-124.	0.9	0
17	Correction to â€Oil-Infused Silicone Prevents Zebra Mussel Adhesionâ€; ACS Applied Bio Materials, 2022, 5, 3573-3573.	4.6	0