

Bryan D James

List of Publications by Year in descending order

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