Aaqil Rifai

List of Publications by Year
in descending order

20	442	933447 10	888059 17
papers	citations	h-index	g-index

20	20	20	593
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Liquid metal polymer composite: Flexible, conductive, biocompatible, and antimicrobial scaffold. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2022, 110, 1131-1139.	3.4	12
2	Self-Assembled Peptide Habitats to Model Tumor Metastasis. Gels, 2022, 8, 332.	4.5	1
3	Progress towards 3D-printing diamond for medical implants: A review. Annals of 3D Printed Medicine, 2021, 1, 100002.	3.1	10
4	Multifunctional Sutures with Temperature Sensing and Infection Control. Macromolecular Bioscience, 2021, 21, e2000364.	4.1	8
5	Shining a light on the hidden structure of gelatin methacryloyl bioinks using small-angle X-ray scattering (SAXS). Materials Chemistry Frontiers, 2021, 5, 8025-8036.	5.9	5
6	Highly uniform polycrystalline diamond coatings of three-dimensional structures. Surface and Coatings Technology, 2021, 408, 126815.	4.8	10
7	Diamond in the Rough: Toward Improved Materials for the Boneâ^'Implant Interface. Advanced Healthcare Materials, 2021, 10, e2100007.	7.6	15
8	Osteoblast Cell Response on Polycrystalline Diamond-Coated Additively Manufactured Scaffolds. ACS Applied Bio Materials, 2021, 4, 7509-7516.	4.6	4
9	3D-Printed Diamondâ€“Titanium Composite: A Hybrid Material for Implant Engineering. ACS Applied Bio Materials, 2020, 3, 29-36.	4.6	24
10	Hybrid diamond/ carbon fiber microelectrodes enable multimodal electrical/chemical neural interfacing. Biomaterials, 2020, 230, 119648.	11.4	41
11	Diamond in medical devices and sensors: An overview of diamond surfaces. Medical Devices & Sensors, 2020, 3, e10127.	2.7	10
12	Coatings on metallic implants for biomedical applications. , 2020, , 359-385.		2
13	Polypropylene-nanodiamond composite for hernia mesh. Materials Science and Engineering C, 2020, 111, 110780.	7.3	31
14	Engineering the Interface: Nanodiamond Coating on 3D-Printed Titanium Promotes Mammalian Cell Growth and Inhibits Staphylococcus aureus Colonization. ACS Applied Materials & Interfaces, 2019, 11, 24588-24597.	8.0	60
15	Nanodiamond/poly-Îµ-caprolactone nanofibrous scaffold for wound management. Materials Science and Engineering C, 2019, 100, 378-387.	7.3	38
16	Rational design of additively manufactured Ti6Al4V implants to control Staphylococcus aureus biofilm formation. Materialia, 2019, 5, 100250.	2.7	45
17	Diamond, Carbon Nanotubes and Graphene for Biomedical Applications. , 2019, , 97-107.		12
18	Polycrystalline Diamond Coating of Additively Manufactured Titanium for Biomedical Applications. ACS Applied Materials & Interfaces, 2018, 10, 8474-8484.	8.0	61

#	Article	IF	Citations
19	Angle defines attachment: Switching the biological response to titanium interfaces by modifying the inclination angle during selective laser melting. Materials and Design, 2018, 154, 326-339.	7.0	51
20	Hybrid Selfâ€Assembling Peptide/Gelatin Methacrylate (GelMA) Bioink Blend for Improved Bioprintability and Primary Myoblast Response. Advanced NanoBiomed Research, 0, , 2100106.	3.6	2