

Florian Rasch

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

191
citations

1163065

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1199563

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279
citing authors

#	ARTICLE	IF	CITATIONS
1	Graphene Oxide Framework Structures and Coatings: Impact on Cell Adhesion and Pre-Vascularization Processes for Bone Grafts. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3379.	4.1	3
2	Microengineered Hollow Graphene Tube Systems Generate Conductive Hydrogels with Extremely Low Filler Concentration. <i>Nano Letters</i> , 2021, 21, 3690-3697.	9.1	29
3	Highly Porous and Ultra-Lightweight Aero-Ga ₂ O ₃ : Enhancement of Photocatalytic Activity by Noble Metals. <i>Materials</i> , 2021, 14, 1985.	2.9	9
4	Electrically powered repeatable air explosions using microtubular graphene assemblies. <i>Materials Today</i> , 2021, 48, 7-17.	14.2	12
5	Glial cell responses on tetrapod-shaped graphene oxide and reduced graphene oxide 3D scaffolds in brain in vitro and ex vivo models of indirect contact. <i>Biomedical Materials (Bristol)</i> , 2021, 16, 015008.	3.3	4
6	Tunable 3D Hydrogel Microchannel Networks to Study Confined Mammalian Cell Migration. <i>Advanced Healthcare Materials</i> , 2021, 10, e2100625.	7.6	12
7	Evaporation kinetics in highly porous tetrapodal zinc oxide networks studied using in situ SR- μ CT. <i>Scientific Reports</i> , 2021, 11, 20272.	3.3	2
8	Establishment of a glioblastoma in vitro (in)complete resection dual co-culture model suitable for drug testing. <i>Annals of Anatomy</i> , 2020, 228, 151440.	1.9	10
9	Highly selective and ultra-low power consumption metal oxide based hydrogen gas sensor employing graphene oxide as molecular sieve. <i>Sensors and Actuators B: Chemical</i> , 2020, 320, 128363.	7.8	56
10	Wetting Properties of Graphene Aerogels. <i>Scientific Reports</i> , 2020, 10, 1916.	3.3	12
11	Macroscopic Silicone Microchannel Matrix for Tailored Drug Release and Localized Glioblastoma Therapy. <i>ACS Biomaterials Science and Engineering</i> , 2020, 6, 3388-3397.	5.2	12
12	Wet-Chemical Assembly of 2D Nanomaterials into Lightweight, Microtube-Shaped, and Macroscopic 3D Networks. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 44652-44663.	8.0	30