

Martin T Matter

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7538913/publications.pdf>

Version: 2024-02-01

14
papers

339
citations

759233

12
h-index

1058476

14
g-index

15
all docs

15
docs citations

15
times ranked

521
citing authors

#	ARTICLE	IF	CITATIONS
1	Developing a tissue glue by engineering the adhesive and hemostatic properties of metal oxide nanoparticles. <i>Nanoscale</i> , 2017, 9, 8418-8426.	5.6	49
2	Mussel-Inspired Injectable Hydrogel Adhesive Formed under Mild Conditions Features Near-Native Tissue Properties. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 47707-47719.	8.0	49
3	Engineering the Bioactivity of Flame-Made Ceria and Ceria/Bioglass Hybrid Nanoparticles. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 2830-2839.	8.0	37
4	Chemically Stable, Strongly Adhesive Sealant Patch for Intestinal Anastomotic Leakage Prevention. <i>Advanced Functional Materials</i> , 2021, 31, 2007099.	14.9	34
5	Uniting Drug and Delivery: Metal Oxide Hybrid Nanotherapeutics for Skin Wound Care. <i>Pharmaceutics</i> , 2020, 12, 780.	4.5	28
6	One-Step Synthesis of Versatile Antimicrobial Nano-Architected Implant Coatings for Hard and Soft Tissue Healing. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 33300-33310.	8.0	21
7	Ultrabright and Stable Luminescent Labels for Correlative Cathodoluminescence Electron Microscopy Bioimaging. <i>Nano Letters</i> , 2019, 19, 6013-6018.	9.1	19
8	Lanthanide-Doped Hafnia Nanoparticles for Multimodal Theranostics: Tailoring the Physicochemical Properties and Interactions with Biological Entities. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 437-448.	8.0	19
9	Multiscale Analysis of Metal Oxide Nanoparticles in Tissue: Insights into Biodistribution and Biotransformation. <i>Advanced Science</i> , 2020, 7, 2000912.	11.2	17
10	Tb ³⁺ -doped LaF ₃ nanocrystals for correlative cathodoluminescence electron microscopy imaging with nanometric resolution in focused ion beam-sectioned biological samples. <i>Nanoscale</i> , 2017, 9, 4383-4387.	5.6	16
11	Bioactive nanoparticle-based formulations increase survival area of perforator flaps in a rat model. <i>PLoS ONE</i> , 2018, 13, e0207802.	2.5	15
12	Inorganic nanohybrids combat antibiotic-resistant bacteria hiding within human macrophages. <i>Nanoscale</i> , 2021, 13, 8224-8234.	5.6	14
13	Theranostic body fluid cleansing: rationally designed magnetic particles enable capturing and detection of bacterial pathogens. <i>Journal of Materials Chemistry B</i> , 2016, 4, 7080-7086.	5.8	12
14	Tailoring the Colloidal Stability, Magnetic Separability, and Cytocompatibility of High-Capacity Magnetic Anion Exchangers. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 48341-48351.	8.0	9