Tram T Dang

List of Publications by Year
in descending order

20 papers	2,334 citations	858243 12 h-index	939365 18 g-index
20 all docs	20 docs citations	20 times ranked	5238 citing authors

#	Article	IF	Citations
1	Immunoâ€Modulatory Effects of Microparticles Formulated from Degradable Polystyrene Analogue. Macromolecular Bioscience, 2022, 22, e2100472.	2.1	4
2	Cerium Oxide Nanoparticles with Entrapped Gadolinium for High T₁ Relaxivity and ROS-Scavenging Purposes. ACS Omega, 2022, 7, 21337-21345.	1.6	7
3	Modular design of a hybrid hydrogel for protease-triggered enhancement of drug delivery to regulate TNF-Î± production by pro-inflammatory macrophages. Acta Biomaterialia, 2020, 117, 167-179.	4.1	11
4	Microencapsulated islet-like microtissues with toroid geometry for enhanced cellular viability. Acta Biomaterialia, 2019, 97, 260-271.	4.1	7
5	Assays to Study Consequences of Cytoplasmic Intermediate Filament Mutations. Methods in Enzymology, 2016, 568, 219-253.	0.4	9
6	Polymeric Biomaterials for Implantable Prostheses. , 2014, , 309-331.		17
7	Glucose-Responsive Microgels Integrated with Enzyme Nanocapsules for Closed-Loop Insulin Delivery. ACS Nano, 2013, 7, 6758-6766.	7.3	356
8	Cellâ€laden Microengineered and Mechanically Tunable Hybrid Hydrogels of Gelatin and Graphene Oxide. Advanced Materials, 2013, 25, 6385-6391.	11.1	266
9	Coreâ€“Shell Hydrogel Microcapsules for Improved Islets Encapsulation. Advanced Healthcare Materials, 2013, 2, 667-672.	3.9	141
10	Enhanced function of immuno-isolated islets in diabetes therapy byÂco-encapsulation with an anti-inflammatory drug. Biomaterials, 2013, 34, 5792-5801.	5.7	96
11	Injectable Nano-Network for Glucose-Mediated Insulin Delivery. ACS Nano, 2013, 7, 4194-4201.	7.3	395
12	Cell Delivery: Coreâ€“Shell Hydrogel Microcapsules for Improved Islets Encapsulation (Adv. Healthcare) Tj ETQq0 0 0 rgBT /Overlock 10 T	3.9	4
13	Painting blood vessels and atherosclerotic plaques with an adhesive drug depot. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 21444-21449.	3.3	117
14	Localized Delivery of Dexamethasone from Electrospun Fibers Reduces the Foreign Body Response. Biomacromolecules, 2012, 13, 3031-3038.	2.6	125
15	Real-time in vivo detection of biomaterial-induced reactive oxygen species. Biomaterials, 2011, 32, 1796-1801.	5.7	109
16	Spatiotemporal effects of a controlled-release anti-inflammatory drug on the cellular dynamics of host response. Biomaterials, 2011, 32, 4464-4470.	5.7	35
17	Rapid Biocompatibility Analysis of Materials via In Vivo Fluorescence Imaging of Mouse Models. PLoS ONE, 2010, 5, e10032.	1.1	57
18	Microfabrication of Asymmetric, Homogeneous Cell-laden Hydrogel Microcapsules. Materials Research Society Symposia Proceedings, 2009, 1239, 1.	0.1	0

#	Article	IF	Citations
19	Microfabrication of homogenous, asymmetric cell-laden hydrogel capsules. Biomaterials, 2009, 30, 6896-6902.	5.7	33
20	Preparation of Monodisperse Biodegradable Polymer Microparticles Using a Microfluidic Flowâ€Focusing Device for Controlled Drug Delivery. Small, 2009, 5, 1575-1581.	5.2	545