Luong T H Nguyen

List of Publications by Year
in descending order

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Version: 2024-02-01

27	685	567281 15	552781 26
papers	citations	h-index	g-index

27	27	27	1284
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Microfluidic harvesting of breast cancer tumor spheroid-derived extracellular vesicles from immobilized microgels for single-vesicle analysis. Lab on A Chip, 2022, 22, 2502-2518.	6.0	8
2	Immunomagnetic sequential ultrafiltration (iSUF) platform for enrichment and purification of extracellular vesicles from biofluids. Scientific Reports, 2021, 11, 8034.	3.3	33
3	Analyzing Inter-Leukocyte Communication and Migration In Vitro: Neutrophils Play an Essential Role in Monocyte Activation During Swarming. Frontiers in Immunology, 2021, 12, 671546.	4.8	7
4	Keratin-Alginate Sponges Support Healing of Partial-Thickness Burns. International Journal of Molecular Sciences, 2021, 22, 8594.	4.1	10
5	Liposome interaction with macrophages and foam cells for atherosclerosis treatment: effects of size, surface charge and lipid composition. Nanotechnology, 2021, 32, 505105.	2.6	17
6	Anti-inflammatory potential of simvastatin loaded nanoliposomes in 2D and 3D foam cell models. Nanomedicine: Nanotechnology, Biology, and Medicine, 2021, 37, 102434.	3.3	11
7	Liposomal Nanotherapy for Treatment of Atherosclerosis. Advanced Healthcare Materials, 2020, 9, e2000465.	7.6	20
8	Surface engineering within a microchannel for hydrodynamic and self-assembled cell patterning. Biomicrofluidics, 2020, 14, 014104.	2.4	8
9	Understanding the implications of engineered nanoparticle induced autophagy in human epidermal keratinocytes in vitro. NanoImpact, 2019, 15, 100177.	4.5	6
10	Extracellular vesicles as mediators ofin vitroneutrophil swarming on a large-scale microparticle array. Lab on A Chip, 2019, 19, 2874-2884.	6.0	19
11	Hydrodynamically Guided Hierarchical Selfâ€Assembly of Peptideâ€“Protein Bioinks. Advanced Functional Materials, 2018, 28, 1703716.	14.9	78
12	Evaluating the antioxidant effects of human hair protein extracts. Journal of Biomaterials Science, Polymer Edition, 2018, 29, 1081-1093.	3.5	12
13	Comparative differences in the behavior of TiO2 and SiO2 food additives in food ingredient solutions. Journal of Nanoparticle Research, 2018, 20, 1.	1.9	27
14	Mesenchymal Stem Cell Secretome Improves Tendon Cell Viability In Vitro and Tendon-Bone Healing In Vivo When a Tissue Engineering Strategy Is Used in a Rat Model of Chronic Massive Rotator Cuff Tear. American Journal of Sports Medicine, 2018, 46, 449-459.	4.2	68
15	The Potential of Fluocinolone Acetonide to Mitigate Inflammation and Lipid Accumulation in 2D and 3D Foam Cell Cultures. BioMed Research International, 2018, 2018, 1-11.	1.9	13
16	Biomolecular interaction and kinematics differences between P25 and E171 TiO2 nanoparticles. NanoImpact, 2018, 12, 51-57.	4.5	16
17	Fabrication and characterization of a novel crosslinked human keratin-alginate sponge. Journal of Tissue Engineering and Regenerative Medicine, 2017, 11, 2590-2602.	2.7	37
18	Engineered nanoparticles for the detection, treatment and prevention of atherosclerosis: how close are we?. Drug Discovery Today, 2017, 22, 1438-1446.	6.4	19

#	Article	IF	Citations
19	Human Hair Keratin for Biocompatible Flexible and Transient Electronic Devices. ACS Applied Materials & Interfaces, 2017, 9, 43004-43012.	8.0	74
20	Cultivation of human dermal fibroblasts and epidermal keratinocytes on keratinâ€coated silica bead substrates. Journal of Biomedical Materials Research - Part A, 2017, 105, 2789-2798.	4.0	9
21	Cell viability and angiogenic potential of a bioartificial adipose substitute. Journal of Tissue Engineering and Regenerative Medicine, 2015, 9, 702-713.	2.7	2
22	Biomimetic Nanocomposites to Control Osteogenic Differentiation of Human Mesenchymal Stem Cells. Advanced Healthcare Materials, 2014, 3, 737-751.	7.6	43
23	Biological, Chemical, and Electronic Applications of Nanofibers. Macromolecular Materials and Engineering, 2013, 298, 822-867.	3.6	68
24	Enhanced osteogenic differentiation with 3D electrospun nanofibrous scaffolds. Nanomedicine, 2012, 7, 1561-1575.	3.3	36
25	Electrospun Poly(L-Lactic Acid) Nanofibres Loaded with Dexamethasone to Induce Osteogenic Differentiation of Human Mesenchymal Stem Cells. Journal of Biomaterials Science, Polymer Edition, 2012, 23, 1771-1791.	3.5	26
26	Stem Cell Response to Biomaterial Topography. , 2012, , 299-326.		1
27	The role of nanofibrous structure in osteogenic differentiation of human mesenchymal stem cells with serial passage. Nanomedicine, 2011, 6, 961-974.	3.3	17