

# Luong T H Nguyen

## List of Publications by Year in descending order

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Version: 2024-02-01

27  
papers

685  
citations

567281

15  
h-index

552781

26  
g-index

27  
all docs

27  
docs citations

27  
times ranked

1284  
citing authors

#	ARTICLE	IF	CITATIONS
1	Hydrodynamically Guided Hierarchical Self-Assembly of Peptide-Protein Bioinks. <i>Advanced Functional Materials</i> , 2018, 28, 1703716.	14.9	78
2	Human Hair Keratin for Biocompatible Flexible and Transient Electronic Devices. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 43004-43012.	8.0	74
3	Biological, Chemical, and Electronic Applications of Nanofibers. <i>Macromolecular Materials and Engineering</i> , 2013, 298, 822-867.	3.6	68
4	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. <i>American Journal of Sports Medicine</i> , 2018, 46, 449-459.	4.2	68
5	Biomimetic Nanocomposites to Control Osteogenic Differentiation of Human Mesenchymal Stem Cells. <i>Advanced Healthcare Materials</i> , 2014, 3, 737-751.	7.6	43
6	Fabrication and characterization of a novel crosslinked human keratin-alginate sponge. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2017, 11, 2590-2602.	2.7	37
7	Enhanced osteogenic differentiation with 3D electrospun nanofibrous scaffolds. <i>Nanomedicine</i> , 2012, 7, 1561-1575.	3.3	36
8	Immunomagnetic sequential ultrafiltration (iSUF) platform for enrichment and purification of extracellular vesicles from biofluids. <i>Scientific Reports</i> , 2021, 11, 8034.	3.3	33
9	Comparative differences in the behavior of TiO <sub>2</sub> and SiO <sub>2</sub> food additives in food ingredient solutions. <i>Journal of Nanoparticle Research</i> , 2018, 20, 1.	1.9	27
10	Electrospun Poly(L-Lactic Acid) Nanofibres Loaded with Dexamethasone to Induce Osteogenic Differentiation of Human Mesenchymal Stem Cells. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2012, 23, 1771-1791.	3.5	26
11	Liposomal Nanotherapy for Treatment of Atherosclerosis. <i>Advanced Healthcare Materials</i> , 2020, 9, e2000465.	7.6	20
12	Engineered nanoparticles for the detection, treatment and prevention of atherosclerosis: how close are we?. <i>Drug Discovery Today</i> , 2017, 22, 1438-1446.	6.4	19
13	Extracellular vesicles as mediators of <i>in vitro</i> neutrophil swarming on a large-scale microparticle array. <i>Lab on A Chip</i> , 2019, 19, 2874-2884.	6.0	19
14	The role of nanofibrous structure in osteogenic differentiation of human mesenchymal stem cells with serial passage. <i>Nanomedicine</i> , 2011, 6, 961-974.	3.3	17
15	Liposome interaction with macrophages and foam cells for atherosclerosis treatment: effects of size, surface charge and lipid composition. <i>Nanotechnology</i> , 2021, 32, 505105.	2.6	17
16	Biomolecular interaction and kinematics differences between P25 and E171 TiO <sub>2</sub> nanoparticles. <i>NanoImpact</i> , 2018, 12, 51-57.	4.5	16
17	The Potential of Fluocinolone Acetonide to Mitigate Inflammation and Lipid Accumulation in 2D and 3D Foam Cell Cultures. <i>BioMed Research International</i> , 2018, 2018, 1-11.	1.9	13
18	Evaluating the antioxidant effects of human hair protein extracts. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2018, 29, 1081-1093.	3.5	12

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19	Anti-inflammatory potential of simvastatin loaded nanoliposomes in 2D and 3D foam cell models. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2021, 37, 102434.	3.3	11
20	Keratin-Alginate Sponges Support Healing of Partial-Thickness Burns. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8594.	4.1	10
21	Cultivation of human dermal fibroblasts and epidermal keratinocytes on keratin-coated silica bead substrates. <i>Journal of Biomedical Materials Research - Part A</i> , 2017, 105, 2789-2798.	4.0	9
22	Surface engineering within a microchannel for hydrodynamic and self-assembled cell patterning. <i>Biomicrofluidics</i> , 2020, 14, 014104.	2.4	8
23	Microfluidic harvesting of breast cancer tumor spheroid-derived extracellular vesicles from immobilized microgels for single-vesicle analysis. <i>Lab on A Chip</i> , 2022, 22, 2502-2518.	6.0	8
24	Analyzing Inter-Leukocyte Communication and Migration In Vitro: Neutrophils Play an Essential Role in Monocyte Activation During Swarming. <i>Frontiers in Immunology</i> , 2021, 12, 671546.	4.8	7
25	Understanding the implications of engineered nanoparticle induced autophagy in human epidermal keratinocytes in vitro. <i>NanoImpact</i> , 2019, 15, 100177.	4.5	6
26	Cell viability and angiogenic potential of a bioartificial adipose substitute. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2015, 9, 702-713.	2.7	2
27	Stem Cell Response to Biomaterial Topography. , 2012, , 299-326.		1