

# Duc T T Phan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9013214/publications.pdf>

Version: 2024-02-01

12  
papers

1,172  
citations

840585

11  
h-index

1199470

12  
g-index

12  
all docs

12  
docs citations

12  
times ranked

2034  
citing authors

#	ARTICLE	IF	CITATIONS
1	A modular microfluidic system based on a multilayered configuration to generate large-scale perfusable microvascular networks. <i>Microsystems and Nanoengineering</i> , 2021, 7, 4.	3.4	23
2	Human in vitro vascularized micro-organ and micro-tumor models are reproducible organ-on-a-chip platforms for studies of anticancer drugs. <i>Toxicology</i> , 2020, 445, 152601.	2.0	25
3	Slug regulates the Dll4-Notch-VEGFR2 axis to control endothelial cell activation and angiogenesis. <i>Nature Communications</i> , 2020, 11, 5400.	5.8	59
4	Deep Learning for Drug Discovery and Cancer Research: Automated Analysis of Vascularization Images. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2019, 16, 1029-1035.	1.9	38
5	Induction of Mesoderm and Neural Crest-Derived Pericytes from Human Pluripotent Stem Cells to Study Blood-Brain Barrier Interactions. <i>Stem Cell Reports</i> , 2019, 12, 451-460.	2.3	69
6	A hydrostatic pressure-driven passive micropump enhanced with siphon-based autofill function. <i>Lab on A Chip</i> , 2018, 18, 2167-2177.	3.1	37
7	A vascularized and perfused organ-on-a-chip platform for large-scale drug screening applications. <i>Lab on A Chip</i> , 2017, 17, 511-520.	3.1	250
8	3D Anastomosed Microvascular Network Model with Living Capillary Networks and Endothelial Cell-Lined Microfluidic Channels. <i>Methods in Molecular Biology</i> , 2017, 1612, 325-344.	0.4	11
9	Combination scaffolds of salmon fibrin, hyaluronic acid, and laminin for human neural stem cell and vascular tissue engineering. <i>Acta Biomaterialia</i> , 2016, 43, 122-138.	4.1	125
10	3D microtumors in vitro supported by perfused vascular networks. <i>Scientific Reports</i> , 2016, 6, 31589.	1.6	301
11	Engineering anastomosis between living capillary networks and endothelial cell-lined microfluidic channels. <i>Lab on A Chip</i> , 2016, 16, 282-290.	3.1	197
12	An on-chip microfluidic pressure regulator that facilitates reproducible loading of cells and hydrogels into microphysiological system platforms. <i>Lab on A Chip</i> , 2016, 16, 868-876.	3.1	37