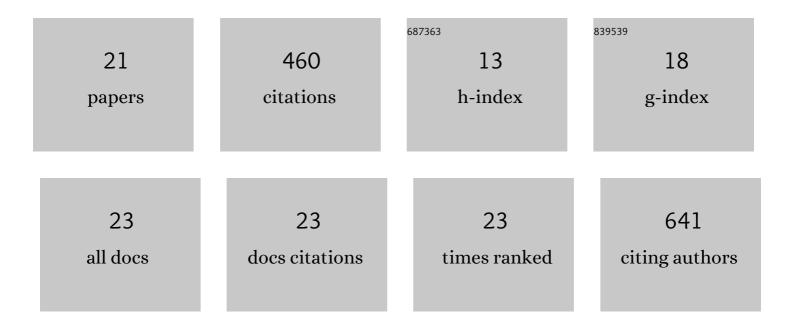
Martin L Tomov

List of Publications by Year in descending order

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MARTIN L TOMOV

#	Article	lF	CITATIONS
1	A 3D Bioprinted in vitro Model of Neuroblastoma Recapitulates Dynamic Tumorâ€Endothelial Cell Interactions Contributing to Solid Tumor Aggressive Behavior. Advanced Science, 2022, 9, .	11.2	15
2	Patientâ€Specific 3D Bioprinted Models of Developing Human Heart. Advanced Healthcare Materials, 2021, 10, e2001169.	7.6	18
3	3D Bioprinted Bacteriostatic Hyperelastic Bone Scaffold for Damage-Specific Bone Regeneration. Polymers, 2021, 13, 1099.	4.5	22
4	Resolving cell state in iPSC-derived human neural samples with multiplexed fluorescence imaging. Communications Biology, 2021, 4, 786.	4.4	7
5	Adhesive Tissue Engineered Scaffolds: Mechanisms and Applications. Frontiers in Bioengineering and Biotechnology, 2021, 9, 683079.	4.1	10
6	A 3D Bioprinted In Vitro Model of Pulmonary Artery Atresia to Evaluate Endothelial Cell Response to Microenvironment. Advanced Healthcare Materials, 2021, 10, e2100968.	7.6	13
7	Embedded 3D Bioprinting of Gelatin Methacryloyl-Based Constructs with Highly Tunable Structural Fidelity. ACS Applied Materials & Interfaces, 2020, 12, 44563-44577.	8.0	89
8	Ventilated Upper Airway Endoscopic Endonasal Procedure Mask: Surgical Safety in the COVID-19 Era. Operative Neurosurgery, 2020, 19, 271-280.	0.8	18
9	Nano-bioink solutions for cardiac tissue bioprinting. , 2020, , 171-185.		3
10	Biomechanical factors in three-dimensional tissue bioprinting. Applied Physics Reviews, 2020, 7, 041319.	11.3	30
11	3D Bioprinting in Clinical Cardiovascular Medicine. , 2019, , 149-162.		6
12	Engineering Functional Cardiac Tissues for Regenerative Medicine Applications. Current Cardiology Reports, 2019, 21, 105.	2.9	28
13	Biomaterial approaches for cardiovascular tissue engineering. Emergent Materials, 2019, 2, 193-207.	5.7	29
14	In Vivo Tracking of Tissue Engineered Constructs. Micromachines, 2019, 10, 474.	2.9	32
15	3D Bioprinting of Cardiovascular Tissue Constructs: Cardiac Bioinks. , 2019, , 63-77.		12
16	Patient‧pecific 3â€Dimensional–Bioprinted Model for In Vitro Analysis and Treatment Planning of Pulmonary Artery Atresia in Tetralogy of Fallot and Major Aortopulmonary Collateral Arteries. Journal of the American Heart Association, 2019, 8, e014490.	3.7	23
17	Cardiovascular tissue bioprinting: Physical and chemical processes. Applied Physics Reviews, 2018, 5, 041106.	11.3	36
18	Distinct and Shared Determinants of Cardiomyocyte Contractility in Multi-Lineage Competent Ethnically Diverse Human iPSCs. Scientific Reports, 2016, 6, 37637.	3.3	20

#	Article	IF	CITATIONS
19	Human Embryoid Body Transcriptomes Reveal Maturation Differences Influenced by Size and Formation in Custom Microarrays. Journal of Nanoscience and Nanotechnology, 2016, 16, 8978-8988.	0.9	3
20	Derivation of Ethnically Diverse Human Induced Pluripotent Stem Cell Lines. Scientific Reports, 2015, 5, 15234.	3.3	36
21	The Human Embryoid Body Cystic Core Exhibits Architectural Complexity Revealed by use of High Throughput Polymer Microarrays. Macromolecular Bioscience, 2015, 15, 892-900.	4.1	10