

# Sebastian Martewicz

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/795991/publications.pdf>

Version: 2024-02-01

11  
papers

267  
citations

1477746  
6  
h-index

1281420  
11  
g-index

11  
all docs

11  
docs citations

11  
times ranked

618  
citing authors

#	ARTICLE	IF	CITATIONS
1	Functional differentiation of human pluripotent stem cells on a chip. <i>Nature Methods</i> , 2015, 12, 637-640.	9.0	122
2	Photocrosslinked hydrogels from coumarin derivatives of hyaluronic acid for tissue engineering applications. <i>Materials Science and Engineering C</i> , 2019, 96, 625-634.	3.8	35
3	Complete restoration of multiple dystrophin isoforms in genetically corrected Duchenne muscular dystrophy patient-derived cardiomyocytes. <i>Molecular Therapy - Methods and Clinical Development</i> , 2014, 1, 1.	1.8	34
4	Substrate and mechanotransduction influence SERCA2a localization in human pluripotent stem cell-derived cardiomyocytes affecting functional performance. <i>Stem Cell Research</i> , 2017, 25, 107-114.	0.3	24
5	Analysis of Calcium Transients and Uniaxial Contraction Force in Single Human Embryonic Stem Cell-Derived Cardiomyocytes on Microstructured Elastic Substrate with Spatially Controlled Surface Chemistries. <i>Langmuir</i> , 2016, 32, 12190-12201.	1.6	18
6	Transcriptomic Characterization of a Human In Vitro Model of Arrhythmogenic Cardiomyopathy Under Topological and Mechanical Stimuli. <i>Annals of Biomedical Engineering</i> , 2019, 47, 852-865.	1.3	16
7	Nuclear Morphological Remodeling in Human Granulocytes Is Linked to Prenylation Independently from Cytoskeleton. <i>Cells</i> , 2020, 9, 2509.	1.8	7
8	Live Cell Imaging in Microfluidic Device Proves Resistance to Oxygen/Glucose Deprivation in Human Induced Pluripotent Stem Cell-Derived Cardiomyocytes. <i>Analytical Chemistry</i> , 2018, 90, 5687-5695.	3.2	5
9	Beyond Family: Modeling Non-hereditary Heart Diseases With Human Pluripotent Stem Cell-Derived Cardiomyocytes. <i>Frontiers in Physiology</i> , 2020, 11, 384.	1.3	4
10	Extracellular phosphoprotein regulation is affected by culture system scale-down. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2022, 1866, 130165.	1.1	1
11	Micropillar-based phenotypic screening platform uncovers involvement of HDAC2 in nuclear deformability. <i>Biomaterials</i> , 2022, 286, 121564.	5.7	1