

Bill Cheng

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2726364/publications.pdf>

Version: 2024-02-01

21
papers

561
citations

687363

13
h-index

839539

18
g-index

21
all docs

21
docs citations

21
times ranked

1047
citing authors

#	ARTICLE	IF	CITATIONS
1	The modulation of platelet adhesion and activation by chitosan through plasma and extracellular matrix proteins. <i>Biomaterials</i> , 2011, 32, 6655-6662.	11.4	129
2	The modulation of platelet and endothelial cell adhesion to vascular graft materials by perlecan. <i>Biomaterials</i> , 2009, 30, 4898-4906.	11.4	58
3	Mast Cells Produce Novel Shorter Forms of Perlecan That Contain Functional Endorepellin. <i>Journal of Biological Chemistry</i> , 2013, 288, 3289-3304.	3.4	58
4	Platelet Factor 4 Binds to Vascular Proteoglycans and Controls Both Growth Factor Activities and Platelet Activation. <i>Journal of Biological Chemistry</i> , 2017, 292, 4054-4063.	3.4	53
5	Harnessing the early post-injury inflammatory responses for cardiac regeneration. <i>Journal of Biomedical Science</i> , 2017, 24, 7.	7.0	41
6	Syndecans as Cell Surface Receptors in Cancer Biology. A Focus on their Interaction with PDZ Domain Proteins. <i>Frontiers in Pharmacology</i> , 2016, 7, 10.	3.5	35
7	Biomimicking Platelet-Monocyte Interactions as a Novel Targeting Strategy for Heart Healing. <i>Advanced Healthcare Materials</i> , 2016, 5, 2686-2697.	7.6	31
8	Injection of Human Cord Blood Cells With Hyaluronan Improves Postinfarction Cardiac Repair in Pigs. <i>Stem Cells Translational Medicine</i> , 2016, 5, 56-66.	3.3	23
9	Tumor targeting with DGEA peptide ligands: a new aromatic peptide amphiphile for imaging cancers. <i>Chemical Communications</i> , 2019, 55, 1060-1063.	4.1	22
10	Bioengineered human heparin with anticoagulant activity. <i>Metabolic Engineering</i> , 2016, 38, 105-114.	7.0	21
11	Reloadable multidrug capturing delivery system for targeted ischemic disease treatment. <i>Science Translational Medicine</i> , 2016, 8, 365ra160.	12.4	19
12	Glucosamine-Based Supramolecular Nanotubes for Human Mesenchymal Cell Therapy. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 15079-15087.	8.0	19
13	Transcriptional complexity of the HSPG2 gene in the human mast cell line, HMC-1. <i>Matrix Biology</i> , 2014, 35, 123-131.	3.6	16
14	Subcellular Localization of Survivin Determines Its Function in Cardiomyocytes. <i>Theranostics</i> , 2017, 7, 4577-4590.	10.0	12
15	Injection of Peptide Nanogels Preserves Postinfarct Diastolic Function and Prolongs Efficacy of Cell Therapy in Pigs. <i>Tissue Engineering - Part A</i> , 2015, 21, 1662-1671.	3.1	10
16	The formulation and characterization of 3D printed grafts as vascular access for potential use in hemodialysis. <i>RSC Advances</i> , 2018, 8, 15471-15479.	3.6	7
17	The Time Window for Therapy with Peptide Nanofibers Combined with Autologous Bone Marrow Cells in Pigs after Acute Myocardial Infarction. <i>PLoS ONE</i> , 2015, 10, e0115430.	2.5	6
18	Cobalt protoporphyrin promotes human keratinocyte migration under hyperglycemic conditions. <i>Molecular Medicine</i> , 2022, 28, .	4.4	1

#	ARTICLE	IF	CITATIONS
19	Shorter forms of the proteoglycan, Perlecan; Adding complexity to an already complex molecule. FASEB Journal, 2012, 26, 795.2.	0.5	0
20	Bioengineering Proteoglycan-based Matrices For Blood Contacting Applications. FASEB Journal, 2016, 30, 622.2.	0.5	0
21	Bioengineering of Human Heparin: A Next Generation Anti-coagulant. FASEB Journal, 2016, 30, 1070.5.	0.5	0