

Junaid M Afzal

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3773154/publications.pdf>

Version: 2024-02-01

21
papers

594
citations

759233

12
h-index

713466

21
g-index

24
all docs

24
docs citations

24
times ranked

1248
citing authors

#	ARTICLE	IF	CITATIONS
1	Spatial control of adult stem cell fate using nanotopographic cues. <i>Biomaterials</i> , 2014, 35, 2401-2410.	11.4	120
2	Matrix Rigidity Controls Endothelial Differentiation and Morphogenesis of Cardiac Precursors. <i>Science Signaling</i> , 2012, 5, ra41.	3.6	60
3	Targeting mitochondrial translation by inhibiting DDX3: a novel radiosensitization strategy for cancer treatment. <i>Oncogene</i> , 2018, 37, 63-74.	5.9	58
4	Evolution of placental invasion and cancer metastasis are causally linked. <i>Nature Ecology and Evolution</i> , 2019, 3, 1743-1753.	7.8	53
5	Tumorigenicity of hypoxic respiring cancer cells revealed by a hypoxia- cell cycle dual reporter. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 12486-12491.	7.1	48
6	A nanotopography approach for studying the structure-function relationships of cells and tissues. <i>Cell Adhesion and Migration</i> , 2015, 9, 300-307.	2.7	34
7	Hyaluronic acid-serum hydrogels rapidly restore metabolism of encapsulated stem cells and promote engraftment. <i>Biomaterials</i> , 2015, 73, 1-11.	11.4	30
8	Differences in microRNA-29 and Pro-fibrotic Gene Expression in Mouse and Human Hypertrophic Cardiomyopathy. <i>Frontiers in Cardiovascular Medicine</i> , 2019, 6, 170.	2.4	26
9	The effects of transitions in metabolic health and obesity status on incident cardiovascular disease: Insights from a general Chinese population. <i>European Journal of Preventive Cardiology</i> , 2021, 28, 1250-1258.	1.8	25
10	Dynamic secretome of bone marrow-derived stromal cells reveals a cardioprotective biochemical cocktail. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 14374-14383.	7.1	22
11	miR-181c Activates Mitochondrial Calcium Uptake by Regulating MICU1 in the Heart. <i>Journal of the American Heart Association</i> , 2019, 8, e012919.	3.7	18
12	Enhanced Tissue Production through Redox Control in Stem Cell-Laden Hydrogels. <i>Tissue Engineering - Part A</i> , 2013, 19, 2014-2023.	3.1	13
13	Common miR-590 Variant rs6971711 Present Only in African Americans Reduces miR-590 Biogenesis. <i>PLoS ONE</i> , 2016, 11, e0156065.	2.5	12
14	Concise Review: Mechanotransduction via p190RhoGAP Regulates a Switch Between Cardiomyogenic and Endothelial Lineages in Adult Cardiac Progenitors. <i>Stem Cells</i> , 2014, 32, 1999-2007.	3.2	11
15	Cardiosphere-Derived Cells Demonstrate Metabolic Flexibility That Is Influenced by Adhesion Status. <i>JACC Basic To Translational Science</i> , 2017, 2, 543-560.	4.1	11
16	Incorporating and addressing testing bias within estimates of epidemic dynamics for SARS-CoV-2. <i>BMC Medical Research Methodology</i> , 2021, 21, 11.	3.1	11
17	Mechanics of Microenvironment as Instructive Cues Guiding Stem Cell Behavior. <i>Current Stem Cell Reports</i> , 2016, 2, 62-72.	1.6	10
18	Cellular Bioenergetics Is an Important Determinant of the Molecular Imaging Signal Derived From Luciferase and the Sodium-Iodide Symporter. <i>Circulation Research</i> , 2013, 112, 441-450.	4.5	8

#	ARTICLE	IF	CITATIONS
19	Evolved Resistance to Placental Invasion Secondarily Confers Increased Survival in Melanoma Patients. <i>Journal of Clinical Medicine</i> , 2021, 10, 595.	2.4	8
20	Tracing the cis-regulatory changes underlying the endometrial control of placental invasion. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	7.1	8
21	Control of the interface between heterotypic cell populations reveals the mechanism of intercellular transfer of signaling proteins. <i>Integrative Biology (United Kingdom)</i> , 2015, 7, 364-372.	1.3	7