

Sholpan Askarova

List of Publications by Year in descending order

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31
papers

665
citations

759055

12
h-index

642610

23
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33
all docs

33
docs citations

33
times ranked

1267
citing authors

#	ARTICLE	IF	CITATIONS
1	The Links Between the Gut Microbiome, Aging, Modern Lifestyle and Alzheimer's Disease. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 104.	1.8	119
2	Pharmacological Targeting of Cell Cycle, Apoptotic and Cell Adhesion Signaling Pathways Implicated in Chemoresistance of Cancer Cells. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1690.	1.8	111
3	Role of A β -receptor for advanced glycation endproducts interaction in oxidative stress and cytosolic phospholipase A2 activation in astrocytes and cerebral endothelial cells. <i>Neuroscience</i> , 2011, 199, 375-385.	1.1	78
4	Low energy laser light (632.8 nm) suppresses amyloid- β peptide-induced oxidative and inflammatory responses in astrocytes. <i>Neuroscience</i> , 2010, 171, 859-868.	1.1	54
5	Galactose-Induced Skin Aging: The Role of Oxidative Stress. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-15.	1.9	51
6	Membrane Biophysics and Mechanics in Alzheimer's Disease. <i>Molecular Neurobiology</i> , 2010, 41, 138-148.	1.9	43
7	Engineering of cell membranes with a bisphosphonate-containing polymer using ATRP synthesis for bone targeting. <i>Biomaterials</i> , 2014, 35, 9447-9458.	5.7	29
8	Role of membrane biophysics in Alzheimer's disease-related cell pathways. <i>Frontiers in Neuroscience</i> , 2015, 9, 186.	1.4	29
9	Impacts of Membrane Biophysics in Alzheimer's Disease: From Amyloid Precursor Protein Processing to A β -Peptide-Induced Membrane Changes. <i>International Journal of Alzheimer's Disease</i> , 2011, 2011, 1-12.	1.1	26
10	Elevated levels of the small GTPase Cdc42 induces senescence in male rat mesenchymal stem cells. <i>Biogerontology</i> , 2018, 19, 287-301.	2.0	22
11	Mesenchymal stem cells modifications for enhanced bone targeting and bone regeneration. <i>Regenerative Medicine</i> , 2020, 15, 1579-1594.	0.8	22
12	The Effects of Mobile Phone Radiofrequency Electromagnetic Fields on β -Amyloid-Induced Oxidative Stress in Human and Rat Primary Astrocytes. <i>Neuroscience</i> , 2019, 408, 46-57.	1.1	20
13	Red blood cell ghosts as promising drug carriers to target wound infections. <i>Medical Engineering and Physics</i> , 2016, 38, 877-884.	0.8	12
14	Publication Productivity in Central Asia and Countries of the Former Soviet Union. <i>Central Asian Journal of Global Health</i> , 2016, 5, 261.	0.6	11
15	Amyloid- β Peptide on Sialyl-LewisX-Selectin-Mediated Membrane Tether Mechanics at the Cerebral Endothelial Cell Surface. <i>PLoS ONE</i> , 2013, 8, e60972.	1.1	10
16	Azelinidipine Attenuates the Oxidative and NF κ B Pathways in Amyloid- β -Stimulated Cerebral Endothelial Cells. <i>ACS Chemical Neuroscience</i> , 2019, 10, 209-215.	1.7	8
17	Improvement of Neurological Function in Rats with Ischemic Stroke by Adipose-derived Pericytes. <i>Cell Transplantation</i> , 2020, 29, 096368972095695.	1.2	6
18	Low Energy Laser Light (632.8 nm) Suppresses Amyloid-Beta Peptide-Induced Oxidative and Inflammatory Responses in Astrocytes. <i>Biophysical Journal</i> , 2011, 100, 624a.	0.2	3

#	ARTICLE	IF	CITATIONS
19	Effects of Amyloid Beta Peptide on Neurovascular Cells. Central Asian Journal of Global Health, 2012, 1, 4.	0.6	3
20	Plant Extract of Limonium gmelinii Attenuates Oxidative Responses in Neurons, Astrocytes, and Cerebral Endothelial Cells In Vitro and Improves Motor Functions of Rats after Middle Cerebral Artery Occlusion. Antioxidants, 2021, 10, 1814.	2.2	3
21	Gut microbiome alterations in Alzheimer's patients from Kazakhstan. Alzheimer's and Dementia, 2021, 17, .	0.4	2
22	Role of ROS in A β 242 mediated cell surface P-selectin expression and actin polymerization. Molecular Neurodegeneration, 2013, 8, P44.	4.4	1
23	RAGE targeted strategies for Alzheimer's amyloid β 2 peptide induced blood brain barrier dysfunctions. Molecular Neurodegeneration, 2013, 8, .	4.4	1
24	Role of ROS in A β 242 Mediated Activation of Cerebral Endothelial Cells. Central Asian Journal of Global Health, 2014, 3, 179.	0.6	1
25	P4-241: EFFECT OF AZELNIDIPINE ON BETA-AMYLOID PEPTIDE INDUCED DYSFUNCTION OF CEREBRAL ENDOTHELIAL CELLS IN VITRO. , 2014, 10, P874-P875.		0
26	P4-242: ROLE OF ROS IN AB42-MEDIATED ACTIVATION OF CEREBRAL ENDOTHELIAL CELLS. , 2014, 10, P875-P875.		0
27	Spatial Structure and Antimicrobial Activity of Cyclopropane Derivative of Limonene. Natural Product Communications, 2018, 13, 1934578X1801300.	0.2	0
28	Mesenchymal Stem Cells Coated with Synthetic Bone-Targeting Polymers Enhance Osteoporotic Bone Fracture Regeneration. Bioengineering, 2020, 7, 125.	1.6	0
29	The Central Asian Journal of Global Health to Increase Scientific Productivity. Central Asian Journal of Global Health, 2013, 2, 108.	0.6	0
30	Ectopic Liver Tissue Formation in Rats with Induced Liver Fibrosis. Central Asian Journal of Global Health, 2014, 3, 180.	0.6	0
31	Oligomeric Amyloid- β 2 Peptide on Sialyl Lewis x Selectin Bonding at Cerebral Endothelial Surface. Central Asian Journal of Global Health, 2014, 3, 150.	0.6	0