

Jan Strnadel

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5857444/publications.pdf>

Version: 2024-02-01

40
papers

944
citations

516710

16
h-index

454955

30
g-index

40
all docs

40
docs citations

40
times ranked

1898
citing authors

#	ARTICLE	IF	CITATIONS
1	Role of connexins in metastatic breast cancer and melanoma brain colonization. <i>Journal of Cell Science</i> , 2013, 126, 904-13.	2.0	141
2	A Hypusine- ϵ IF5A-PEAK1 Switch Regulates the Pathogenesis of Pancreatic Cancer. <i>Cancer Research</i> , 2014, 74, 6671-6681.	0.9	80
3	Molecular regulation of epithelial-to-mesenchymal transition in tumorigenesis (Review). <i>International Journal of Molecular Medicine</i> , 2018, 41, 1187-1200.	4.0	68
4	Eukaryotic Translation Initiation Factor 5A (EIF5A) Regulates Pancreatic Cancer Metastasis by Modulating RhoA and Rho-associated Kinase (ROCK) Protein Expression Levels. <i>Journal of Biological Chemistry</i> , 2015, 290, 29907-29919.	3.4	66
5	ϵ IF5A-PEAK1 Signaling Regulates YAP1/TAZ Protein Expression and Pancreatic Cancer Cell Growth. <i>Cancer Research</i> , 2017, 77, 1997-2007.	0.9	57
6	Flavonoids Targeting HIF-1: Implications on Cancer Metabolism. <i>Cancers</i> , 2021, 13, 130.	3.7	57
7	Characterizing the Radioresponse of Pluripotent and Multipotent Human Stem Cells. <i>PLoS ONE</i> , 2012, 7, e50048.	2.5	55
8	Pig models of neurodegenerative disorders: Utilization in cell replacement-based preclinical safety and efficacy studies. <i>Journal of Comparative Neurology</i> , 2014, 522, 2784-2801.	1.6	43
9	Survival of syngeneic and allogeneic iPSC-derived neural precursors after spinal grafting in minipigs. <i>Science Translational Medicine</i> , 2018, 10, .	12.4	42
10	Utilizing of Adsorptive Transfer Stripping Technique Brdicka Reaction for Determination of Metallothioneins Level in Melanoma Cells, Blood Serum and Tissues. <i>Sensors</i> , 2008, 8, 3106-3122.	3.8	39
11	Defining the Optimal Window for Cranial Transplantation of Human Induced Pluripotent Stem Cell-Derived Cells to Ameliorate Radiation-Induced Cognitive Impairment. <i>Stem Cells Translational Medicine</i> , 2015, 4, 74-83.	3.3	30
12	Proteomic Analysis Reveals a Role for Bcl2-associated Athanogene 3 and Major Vault Protein in Resistance to Apoptosis in Senescent Cells by Regulating ERK1/2 Activation. <i>Molecular and Cellular Proteomics</i> , 2015, 14, 1-14.	3.8	29
13	The role of statins as therapeutic agents in cancer. <i>General Physiology and Biophysics</i> , 2017, 36, 501-511.	0.9	25
14	Effects of Reduced Glutathione, Surface Active Agents, and Ionic Strength on the Detection of Metallothioneins by Using of Brdicka Reaction. <i>Electroanalysis</i> , 2009, 21, 640-644.	2.9	24
15	Effect of Cold Atmospheric Plasma on Epigenetic Changes, DNA Damage, and Possibilities for Its Use in Synergistic Cancer Therapy. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12252.	4.1	20
16	Pseudopodium-enriched atypical kinase 1 mediates angiogenesis by modulating GATA2-dependent VEGFR2 transcription. <i>Cell Discovery</i> , 2018, 4, 26.	6.7	19
17	A Comparative In Vitro Analysis of the Osteogenic Potential of Human Dental Pulp Stem Cells Using Various Differentiation Conditions. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2280.	4.1	19
18	Combinational Spinal GAD65 Gene Delivery and Systemic GABA-Mimetic Treatment for Modulation of Spasticity. <i>PLoS ONE</i> , 2012, 7, e30561.	2.5	16

#	ARTICLE	IF	CITATIONS
19	Short-Term versus Long-Term Culture of A549 Cells for Evaluating the Effects of Lipopolysaccharide on Oxidative Stress, Surfactant Proteins and Cathelicidin LL-37. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1148.	4.1	16
20	Immunohistochemical Analysis of Collagen IV and Laminin Expression in Spontaneous Melanoma Regression in the Melanoma-Bearing Libechov Minipig. <i>Acta Histochemica Et Cytochemica</i> , 2015, 48, 15-26.	1.6	14
21	Induced Pluripotency: A Powerful Tool for In Vitro Modeling. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8910.	4.1	13
22	Comparison of SARS-CoV-2 Detection by Rapid Antigen and by Three Commercial RT-qPCR Tests: A Study from Martin University Hospital in Slovakia. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 7037.	2.6	11
23	Procedures for the biochemical enrichment and proteomic analysis of the cytoskeleton. <i>Analytical Biochemistry</i> , 2014, 446, 102-107.	2.4	10
24	ADAMTS-1 disrupts HGF/c-MET signaling and HGF-stimulated cellular processes in fibrosarcoma. <i>Experimental Cell Research</i> , 2018, 363, 271-282.	2.6	9
25	The Biocompatibility of Wireless Power Charging System on Human Neural Cells. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 3611.	2.5	9
26	Transplantation of Human-Induced Pluripotent Stem Cell-Derived Neural Precursors into Early-Stage Zebrafish Embryos. <i>Journal of Molecular Neuroscience</i> , 2018, 65, 351-358.	2.3	5
27	Genomic profile and immune contexture in colorectal cancer—relevance for prognosis and immunotherapy. <i>Clinical and Experimental Medicine</i> , 2021, 21, 195-204.	3.6	5
28	Time Course of Spinal Doublecortin Expression in Developing Rat and Porcine Spinal Cord: Implication in In Vivo Neural Precursor Grafting Studies. <i>Cellular and Molecular Neurobiology</i> , 2015, 35, 57-70.	3.3	4
29	Comparative Proteomic and Metabolomic Analysis of Human Osteoblasts, Differentiated from Dental Pulp Stem Cells, Hinted Crucial Signaling Pathways Promoting Osteogenesis. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7908.	4.1	4
30	The Heparan Sulfate Binding Peptide in Tumor Progression of Triple-Negative Breast Cancer. <i>Frontiers in Oncology</i> , 2021, 11, 697626.	2.8	4
31	Multiplex analysis of cytokines involved in tumour growth and spontaneous regression in a rat sarcoma model. <i>Folia Biologica</i> , 2007, 53, 216-9.	0.6	3
32	Metabolomic characterisation of progression and spontaneous regression of melanoma in the melanoma-bearing Libechov minipig model. <i>Melanoma Research</i> , 2021, 31, 140-151.	1.2	2
33	3D Culture Protocol for Testing Gene Knockdown Efficiency and Cell Line Derivation. <i>Bio-protocol</i> , 2018, 8, e2874.	0.4	2
34	Cancer stem cell marker expression and methylation status in patients with colorectal cancer. <i>Oncology Letters</i> , 2022, 24, .	1.8	2
35	Generation of ORIONi001-A induced pluripotent stem cell line for in vitro modeling of sporadic form of amyotrophic lateral sclerosis. <i>Stem Cell Research</i> , 2020, 48, 101981.	0.7	1
36	Circulating tumor cells in lung carcinogenesis. <i>Neoplasma</i> , 2019, 66, 1-7.	1.6	0

#	ARTICLE	IF	CITATIONS
37	Abstract 4911: Aggressive variants isolated from human pancreatic cancer passaging in mice are enriched in stem cell markers and PEAK1 expression.. , 2013, , .		0
38	Abstract LB-303: A hypusine-eIF5A-PEAK1 switch regulates the pathogenesis of pancreatic ductal adenocarcinoma. , 2014, , .		0
39	Apoptosis in Cancer Cells. Advances in Intelligent Systems and Computing, 2016, , 207-213.	0.6	0
40	Establishment of PANDA - a new human pancreatic ductal adenocarcinoma cell line with 3D cell culture technology. Neoplasma, 2021, , .	1.6	0