Sunghoi Hong

List of Publications by Year
in descending order

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30 papers	1,216 citations	623734 14 h-index	501196 28 g-index
32 all docs	32 docs citations	32 times ranked	2004 citing authors

#	Article	IF	Citations
1	Early-Stage Lung Cancer Diagnosis by Deep Learning-Based Spectroscopic Analysis of Circulating Exosomes. ACS Nano, 2020, 14, 5435-5444.	14.6	248
2	Exosome Classification by Pattern Analysis of Surface-Enhanced Raman Spectroscopy Data for Lung Cancer Diagnosis. Analytical Chemistry, 2017, 89, 6695-6701.	6.5	183
3	Correlation between Cancerous Exosomes and Protein Markers Based on Surface-Enhanced Raman Spectroscopy (SERS) and Principal Component Analysis (PCA). ACS Sensors, 2018, 3, 2637-2643.	7.8	139
4	Functional Analysis of Various Promoters in Lentiviral Vectors at Different Stages of In Vitro Differentiation of Mouse Embryonic Stem Cells. Molecular Therapy, 2007, 15, 1630-1639.	8.2	135
5	Neural precursors derived from human embryonic stem cells maintain long-term proliferation without losing the potential to differentiate into all three neural lineages, including dopaminergic neurons. Journal of Neurochemistry, 2007, 104, 071018045431005-???.	3.9	68
6	USP7, a Ubiquitin-Specific Protease, Interacts with Ataxin-1, the SCA1 Gene Product. Molecular and Cellular Neurosciences, 2002, 20, 298-306.	2.2	65
7	Selection of Embryonic Stem Cell-Derived Enhanced Green Fluorescent Protein-Positive Dopamine Neurons Using the Tyrosine Hydroxylase Promoter Is Confounded by Reporter Gene Expression in Immature Cell Populations. Stem Cells, 2007, 25, 1126-1135.	3.2	59
8	A combination of small molecules directly reprograms mouse fibroblasts into neural stem cells. Biochemical and Biophysical Research Communications, 2016, 476, 42-48.	2.1	49
9	Intrathecal Transplantation of Embryonic Stem Cell-Derived Spinal GABAergic Neural Precursor Cells Attenuates Neuropathic Pain in a Spinal Cord Injury Rat Model. Cell Transplantation, 2016, 25, 593-607.	2.5	47
10	Neural stem cells inhibit melanin production by activation of Wnt inhibitors. Journal of Dermatological Science, 2013, 72, 274-283.	1.9	25
11	UbcH6 interacts with and ubiquitinates the SCA1 gene product ataxin-1. Biochemical and Biophysical Research Communications, 2008, 371, 256-260.	2.1	21
12	p80 coilin, a coiled body-specific protein, interacts with ataxin-1, the SCA1 gene product. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2003, 1638, 35-42.	3.8	19
13	The Potential of Exosomes Derived from Chronic Myelogenous Leukaemia Cells as a Biomarker. Anticancer Research, 2018, 38, 3935-3942.	1.1	19
14	Generation of induced pluripotent stem cells without genetic defects by small molecules. Biomaterials, 2015, 39, 47-58.	11.4	18
15	Efficient Reprogramming of Mouse Fibroblasts to Neuronal Cells including Dopaminergic Neurons. Scientific World Journal, The, 2014, 2014, 1-8.	2.1	16
16	Motor neurons derived from ALS-related mouse iPS cells recapitulate pathological features of ALS. Experimental and Molecular Medicine, 2016, 48, e276-e276.	7.7	15
17	Inhibition of brain tumor cell proliferation by alternating electric fields. Applied Physics Letters, 2014, 105, .	3.3	14
18	A key lysine residue in the AXH domain of ataxin-1 is essential for its ubiquitylation. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2015, 1854, 356-364.	2.3	14

#	Article	IF	Citations
19	Neural Stem Cells and Its Derivatives as a New Material for Melanin Inhibition. International Journal of Molecular Sciences, 2018, 19, 36.	4.1	13
20	Induced neural stem cells as a means of treatment in Huntingtonâ€™s disease. Expert Opinion on Biological Therapy, 2017, 17, 1-11.	3.1	11
21	Effectiveness of a Fractionated Therapy Scheme in Tumor Treating Fields Therapy. Technology in Cancer Research and Treatment, 2019, 18, 153303381984500.	1.9	11
22	GCC2 as a New Early Diagnostic Biomarker for Non-Small Cell Lung Cancer. Cancers, 2021, 13, 5482.	3.7	9
23	Spatio-temporally controlled transfection by quantitative injectionÂinto a single cell. Biomaterials, 2015, 67, 225-231.	11.4	5
24	Neural stem cells and the secreted proteins TIMPs ameliorate UVB-induced skin photodamage. Biochemical and Biophysical Research Communications, 2019, 518, 388-395.	2.1	3
25	Thymidine decreases the DNA damage and apoptosis caused by tumorâ€treating fields in cancer cell lines. Genes and Genomics, 2021, 43, 995-1001.	1.4	3
26	Femtoliter scale quantitative injection control by experimental and theoretical modeling. Biomedical Engineering Letters, 2016, 6, 250-255.	4.1	2
27	Activation of CXCL12-CXCR4 signalling induces conversion of immortalised embryonic kidney cells into cancer stem-like cells. Artificial Cells, Nanomedicine and Biotechnology, 2020, 48, 1303-1313.	2.8	2
28	Precise nanoinjection delivery of plasmid DNA into a single fibroblast for direct conversion of astrocyte. Artificial Cells, Nanomedicine and Biotechnology, 2018, 46, 1114-1122.	2.8	1
29	Tissue inhibitor of metalloproteinase proteins inhibit teratoma growth in mice transplanted with pluripotent stem cells. Stem Cells, 2020, 38, 516-529.	3.2	0
30	A relationship between unrecognized anaemia and the development of type 2 diabetes mellitus in patient with cardiovascular risks. Clinical and Experimental Pharmacology and Physiology, 2021, 48, 455-462.	1.9	0