

Piotr Rieske

List of Publications by Year in descending order

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Version: 2024-02-01

55
papers

945
citations

393982

19
h-index

525886

27
g-index

58
all docs

58
docs citations

58
times ranked

1729
citing authors

#	ARTICLE	IF	CITATIONS
1	Generation of human iPSCs from cells of fibroblastic and epithelial origin by means of the oriP/EBNA-1 episomal reprogramming system. <i>Stem Cell Research and Therapy</i> , 2015, 6, 122.	2.4	66
2	Human fibroblast-derived cell lines have characteristics of embryonic stem cells and cells of neuro-ectodermal origin. <i>Differentiation</i> , 2005, 73, 474-483.	1.0	59
3	A population of human brain parenchymal cells express markers of glial, neuronal and early neural cells and differentiate into cells of neuronal and glial lineages. <i>European Journal of Neuroscience</i> , 2007, 25, 31-37.	1.2	52
4	AKT Induces Transcriptional Activity of PU.1 through Phosphorylation-mediated Modifications within Its Transactivation Domain. <i>Journal of Biological Chemistry</i> , 2001, 276, 8460-8468.	1.6	47
5	EGFR ^{viii} : An Oncogene with Ambiguous Role. <i>Journal of Oncology</i> , 2019, 2019, 1-20.	0.6	45
6	Arrested neural and advanced mesenchymal differentiation of glioblastoma cells-comparative study with neural progenitors. <i>BMC Cancer</i> , 2009, 9, 54.	1.1	40
7	Directed differentiation of human iPSC into insulin producing cells is improved by induced expression of PDX1 and NKX6.1 factors in IPC progenitors. <i>Journal of Translational Medicine</i> , 2016, 14, 341.	1.8	35
8	EGFR Activation Leads to Cell Death Independent of PI3K/AKT/mTOR in an AD293 Cell Line. <i>PLoS ONE</i> , 2016, 11, e0155230.	1.1	31
9	Screening for EGFR Amplifications with a Novel Method and Their Significance for the Outcome of Glioblastoma Patients. <i>PLoS ONE</i> , 2013, 8, e65444.	1.1	29
10	High incidence of MGMT promoter methylation in primary glioblastomas without correlation with TP53 gene mutations. <i>Cancer Genetics and Cytogenetics</i> , 2009, 188, 77-82.	1.0	28
11	Glioblastoma-derived spheroid cultures as an experimental model for analysis of EGFR anomalies. <i>Journal of Neuro-Oncology</i> , 2011, 102, 395-407.	1.4	27
12	Mutational analysis of hSNF5/INI1 and TP53 genes in choroid plexus carcinomas. <i>Cancer Genetics and Cytogenetics</i> , 2005, 156, 179-182.	1.0	25
13	Efficient and simple approach to <i>in vitro</i> culture of primary epithelial cancer cells. <i>Bioscience Reports</i> , 2016, 36, .	1.1	24
14	CYP46: A risk factor for Alzheimer's disease or a coincidence?. <i>Neuroscience Letters</i> , 2005, 383, 105-108.	1.0	23
15	Assessment of <i>OPG</i> / <i>RANK</i> / <i>RANKL</i> Gene Expression Levels in Peripheral Blood Mononuclear Cells (PBMC) After Treatment With Strontium Ranelate and Ibandronate in Patients With Postmenopausal Osteoporosis. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2013, 98, E1007-E1011.	1.8	23
16	Cell line with endogenous EGFRviii expression is a suitable model for research and drug development purposes. <i>Oncotarget</i> , 2016, 7, 31907-31925.	0.8	23
17	Atypical molecular background of glioblastoma and meningioma developed in a patient with Li-Fraumeni syndrome. <i>Journal of Neuro-Oncology</i> , 2005, 71, 27-30.	1.4	22
18	The Failure in the Stabilization of Glioblastoma-Derived Cell Lines: Spontaneous In Vitro Senescence as the Main Culprit. <i>PLoS ONE</i> , 2014, 9, e87136.	1.1	22

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19	Regulation of PrPC expression: Nerve growth factor (NGF) activates the prion gene promoter through the MEK1 pathway in PC12 cells. <i>Neuroscience Letters</i> , 2006, 400, 58-62.	1.0	19
20	Multiple Myeloma in a Patient with Systemic Lupus Erythematosus, Myasthenia Gravis and Non-Familial Diffuse Palmoplantar Keratoderma. <i>Leukemia and Lymphoma</i> , 2004, 45, 1913-1918.	0.6	18
21	IDH1R132H in Neural Stem Cells: Differentiation Impaired by Increased Apoptosis. <i>PLoS ONE</i> , 2016, 11, e0154726.	1.1	18
22	SOX2 and SOX2-MYC Reprogramming Process of Fibroblasts to the Neural Stem Cells Compromised by Senescence. <i>PLoS ONE</i> , 2015, 10, e0141688.	1.1	14
23	Synthesis and physicochemical characterization of chitin dihexanoate "A new biocompatible chitin derivative" In comparison to chitin dibutyrate. <i>Materials Science and Engineering C</i> , 2016, 60, 489-502.	3.8	14
24	Sensitivity of neoplastic cells to senescence unveiled under standard cell culture conditions. <i>Anticancer Research</i> , 2015, 35, 2759-68.	0.5	14
25	Richter's Syndrome in the Brain First Manifested as an Ischaemic Stroke. <i>Leukemia and Lymphoma</i> , 2004, 45, 1261-1267.	0.6	13
26	A population of human brain cells expressing phenotypic markers of more than one lineage can be induced in vitro to differentiate into mesenchymal cells. <i>Experimental Cell Research</i> , 2009, 315, 462-473.	1.2	13
27	Reduced expression of ELAVL4 in male meningioma patients. <i>Brain Tumor Pathology</i> , 2013, 30, 160-166.	1.1	13
28	Diverse molecular pattern in a bihemispheric glioblastoma (butterfly glioma) in a 16-year-old boy. <i>Cancer Genetics and Cytogenetics</i> , 2007, 177, 125-130.	1.0	12
29	cDNA sequencing improves the detection of P53 missense mutations in colorectal cancer. <i>BMC Cancer</i> , 2009, 9, 278.	1.1	12
30	Low Incidence along with Low mRNA Levels of EGFRvIII in Prostate and Colorectal Cancers Compared to Glioblastoma. <i>Journal of Cancer</i> , 2017, 8, 146-151.	1.2	12
31	Spontaneous in vitro senescence of glioma cells confirmed by an antibody against IDH1R132H. <i>Anticancer Research</i> , 2014, 34, 2859-67.	0.5	12
32	Chitin dipentanoate as the new technologically usable biomaterial. <i>Materials Science and Engineering C</i> , 2015, 55, 50-60.	3.8	11
33	Successful elimination of non-neural cells and unachievable elimination of glial cells by means of commonly used cell culture manipulations during differentiation of GFAP and SOX2 positive neural progenitors (NHA) to neuronal cells. <i>BMC Biotechnology</i> , 2008, 8, 56.	1.7	10
34	Gaps and Doubts in Search to Recognize Glioblastoma Cellular Origin and Tumor Initiating Cells. <i>Journal of Oncology</i> , 2020, 2020, 1-15.	0.6	10
35	KCTD11 expression in medulloblastoma is lower than in adult cerebellum and higher than in neural stem cells. <i>Cancer Genetics and Cytogenetics</i> , 2006, 170, 24-28.	1.0	9
36	Neuronal and astrocytic cells, obtained after differentiation of human neural GFAP-positive progenitors, present heterogeneous expression of PrPc. <i>Brain Research</i> , 2007, 1186, 65-73.	1.1	9

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37	Prevalence of mutated TP53 on cDNA (but not on DNA template) in pleomorphic xanthoastrocytoma with positive TP53 immunohistochemistry. <i>Cancer Genetics and Cytogenetics</i> , 2009, 193, 93-97.	1.0	9
38	A way to understand idiopathic senescence and apoptosis in primary glioblastoma cells—possible approaches to circumvent these phenomena. <i>BMC Cancer</i> , 2019, 19, 923.	1.1	9
39	Curcumin modulates airway remodelling—contributing genes—the significance of transcription factors. <i>Journal of Cellular and Molecular Medicine</i> , 2022, 26, 736-749.	1.6	8
40	Limited importance of the dominant-negative effect of TP53 missense mutations. <i>BMC Cancer</i> , 2011, 11, 243.	1.1	7
41	Cyclic trans-phosphorylation in a homodimer as the predominant mechanism of EGFRvIII action and regulation. <i>Oncotarget</i> , 2018, 9, 8560-8572.	0.8	6
42	Loss of heterozygosity for Rb locus and pRb immunostaining in laryngeal cancer: a clinicopathologic, molecular and immunohistochemical study. <i>Folia Histochemica Et Cytobiologica</i> , 2009, 46, 479-85.	0.6	6
43	Multiomic analysis on human cell model of wolfram syndrome reveals changes in mitochondrial morphology and function. <i>Cell Communication and Signaling</i> , 2021, 19, 116.	2.7	6
44	Detection of P53 mutations in different cancer types is improved by cDNA sequencing. <i>Oncology Letters</i> , 2010, 1, 717-721.	0.8	5
45	Generation of induced neural stem cells with inducible IDH1R132H for analysis of glioma development and drug testing. <i>PLoS ONE</i> , 2020, 15, e0239325.	1.1	5
46	PIN3 duplication may be partially responsible for TP53 haploinsufficiency. <i>BMC Cancer</i> , 2014, 14, 669.	1.1	4
47	Molecular alterations in meningiomas: association with clinical data. , 2013, 32, 114-121.		4
48	EGFRvIII—a stable target for anti-EGFRvIII therapy. <i>Anticancer Research</i> , 2013, 33, 5343-8.	0.5	4
49	Application and Design of Switches Used in CAR. <i>Cells</i> , 2022, 11, 1910.	1.8	4
50	Glioblastoma specimens with TP53 mutations do not show EGFRvIII amplification. <i>Cancer Genetics</i> , 2011, 204, 282-283.	0.2	3
51	Role of Senescence in Tumorigenesis and Anticancer Therapy. <i>Journal of Oncology</i> , 2022, 2022, 1-23.	0.6	3
52	Different mutational characteristics of TSG in cell lines and surgical specimens. <i>Tumor Biology</i> , 2014, 35, 11311-11318.	0.8	2
53	Genetic heterogeneity of RPMI-8402, a T-acute lymphoblastic leukemia cell line. <i>Oncology Letters</i> , 2016, 11, 593-599.	0.8	2
54	Gliomas: association of histology and molecular genetic analysis of chromosomes 1p, 10q, and 19q. <i>Acta Neurobiologicae Experimentalis</i> , 2007, 67, 103-12.	0.4	1

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55	Regeneration difficulties in patients with FQAD can limit the use of iPSc-based cell therapy. Stem Cell Research and Therapy, 2022, 13, .	2.4	1