Jaroslaw Maciaczyk

List of Publications by Year
in descending order

48 papers	2,272 citations	331670 21 h-index	361022 35 g-index
48 all docs	48 docs citations	48 times ranked	4098 citing authors

#	Article	IF	Citations
1	X-Linked Tumor Suppressor Genes Act as Presumed Contributors in the Sex Chromosome-Autosome Crosstalk in Cancers. Cancer Investigation, 2022, 40, 103-110.	1.3	4
2	Endoscopic Lateral Approach for Dorsal Root Ganglion Burst Stimulation: Technical Note and Illustrative Case Series. Neuromodulation, 2022, , .	0.8	0
3	Coherent Structural and Functional Network Changes after Thalamic Lesions in Essential Tremor. Movement Disorders, 2022, 37, 1924-1929.	3.9	6
4	BCOR Internal Tandem Duplication Expression in Neural Stem Cells Promotes Growth, Invasion, and Expression of PRC2 Targets. International Journal of Molecular Sciences, 2021, 22, 3913.	4.1	0
5	The future of neuromodulation: smart neuromodulation. Expert Review of Medical Devices, 2021, 18, 307-317.	2.8	13
6	Molecular monitoring of glioblastomaâ€™s immunogenicity using a combination of Raman spectroscopy and chemometrics. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2021, 252, 119534.	3.9	10
7	A computational guided, functional validation of a novel therapeutic antibody proposes Notch signaling as a clinical relevant and druggable target in glioma. Scientific Reports, 2020, 10, 16218.	3.3	15
8	Can neuromodulation support the fight against the COVID19 pandemic? Transcutaneous non-invasive vagal nerve stimulation as a potential targeted treatment of fulminant acute respiratory distress syndrome. Medical Hypotheses, 2020, 143, 110093.	1.5	7
9	Should Deep Brain Stimulation Programs Be Halted During the COVID â€19 Pandemic? Balancing the Risk of COVID â€19 Infection Against the Survival Benefits of DBS. Neuromodulation, 2020, 23, 1222-1223.	0.8	0
10	Enzymatic Activity of CD73 Modulates Invasion of Gliomas via Epithelialâ€“Mesenchymal Transition-Like Reprogramming. Pharmaceuticals, 2020, 13, 378.	3.8	16
11	A comparative pharmaco-metabolomic study of glutaminase inhibitors in glioma stem-like cells confirms biological effectiveness but reveals differences in target-specificity. Cell Death Discovery, 2020, 6, 20.	4.7	58
12	Between Scylla and Charybdis: Navigating Chronic Pain Patients Through the COVID-19 and the Opioid Pandemic. Pain Physician, 2020, 23, S469-S472.	0.4	0
13	Inhibition of Wnt/beta-catenin signaling downregulates expression of aldehyde dehydrogenase isoform 3A1 (ALDH3A1) to reduce resistance against temozolomide in glioblastoma <i>in vitro</i>. Oncotarget, 2018, 9, 22703-22716.	1.8	50
14	Abstract 2496: Targeting brain tumor stem cells by interfering with choline metabolism: Evidence for an EMT-choline oncometabolic network. , 2017, , .		0
15	Alterations in cellular metabolome after pharmacological inhibition of <scp>N</scp>otch in glioblastoma cells. International Journal of Cancer, 2016, 138, 1246-1255.	5.1	32
16	DiSCoVERing Innovative Therapies for Rare Tumors: Combining Genetically Accurate Disease Models with <i>In Silico</i> Analysis to Identify Novel Therapeutic Targets. Clinical Cancer Research, 2016, 22, 3903-3914.	7.0	54
17	Stereotactic Surgery in Rats. Neuromethods, 2016, , 31-54.	0.3	1
18	Bevacizumab Plus Irinotecan Versus Temozolomide in Newly Diagnosed O⁶-Methylguanineâ€“DNA Methyltransferase Nonmethylated Glioblastoma: The Randomized GLARIUS Trial. Journal of Clinical Oncology, 2016, 34, 1611-1619.	1.6	151

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19	Clipping the Wings of Glioblastoma: Modulation of WNT as a Novel Therapeutic Strategy. Journal of Neuropathology and Experimental Neurology, 2016, 75, 388-396.	1.7	33
20	Abstract 2515: Pharmacological WNT-inhibition acts synergistically with chemo- and radiotherapy by overcoming treatment-resistance in glioma stem cells. Cancer Research, 2016, 76, 2515-2515.	0.9	3
21	Reciprocal regulation of the cholinic phenotype and epithelial-mesenchymal transition in glioblastoma cells. Oncotarget, 2016, 7, 73414-73431.	1.8	26
22	Abstract 2476: DiSCoVERing innovative therapies for rare tumors: Combining genetically accurate disease models with advanced in silico analysis to identify novel therapeutic targets. , 2016, , .		0
23	The effect of neurosphere culture conditions on the cellular metabolism of glioma cells. Folia Neuropathologica, 2015, 3, 219-225.	1.2	6
24	Pharmacologic Wnt Inhibition Reduces Proliferation, Survival, and Clonogenicity of Glioblastoma Cells. Journal of Neuropathology and Experimental Neurology, 2015, 74, 889-900.	1.7	54
25	ZEB1 Promotes Invasion in Human Fetal Neural Stem Cells and Hypoxic Glioma Neurospheres. Brain Pathology, 2015, 25, 724-732.	4.1	59
26	Characterization of a Setup to test the Impact of High-Amplitude Pressure Waves on Living Cells. Scientific Reports, 2014, 4, 3849.	3.3	10
27	Abstract 1038: ZEB1 plays a pivotal role in hypoxia-mediated increase ofin vitroinvasion of glioblastoma-derived cell cultures and represents a novel neural stem cell marker in early development. , 2014, , .		0
28	Embryonic stem cells in neurology â€“ current clinical transplantation trials in Parkinsonâ€™s (PD) and Huntingtonâ€™s (HD) disease. Arquivos De Neuro-Psiquiatria, 2014, 72, 978-979.	0.8	0
29	Clinical neurotransplantation protocol for Huntington's and Parkinson's disease. Restorative Neurology and Neuroscience, 2013, 31, 579-595.	0.7	10
30	Survival and Functional Restoration of Human Fetal Ventral Mesencephalon following Transplantation in a Rat Model of Parkinson's Disease. Cell Transplantation, 2013, 22, 1281-1293.	2.5	40
31	LIN28A facilitates the transformation of human neural stem cells and promotes glioblastoma tumorigenesis through a pro-invasive genetic program. Oncotarget, 2013, 4, 1050-1064.	1.8	63
32	Abstract 5044: MYC drives formation of primative neuro-ectodermal tumors in human neural stem cells derived from multiple brain regions.. , 2013, , .		0
33	Resistance to Hypoxia-Induced, BNIP3-Mediated Cell Death Contributes to an Increase in a CD133-Positive Cell Population in Human Glioblastomas In Vitro. Journal of Neuropathology and Experimental Neurology, 2012, 71, 1086-1099.	1.7	21
34	Activation of canonical WNT/Î²-catenin signaling enhances in vitro motility of glioblastoma cells by activation of ZEB1 and other activators of epithelial-to-mesenchymal transition. Cancer Letters, 2012, 325, 42-53.	7.2	191
35	Original article CD133/CD15 defines distinct cell subpopulations with differential in vitro clonogenic activity and stem cell-related gene expression profile in in vitro propagated glioblastoma multiforme-derived cell line with a PNET-like component. Folia Neuropathologica, 2012, 4, 357-368.	1.2	30
36	Microcoilâ€based MR phase imaging and manganese enhanced microscopy of glial tumor neurospheres with direct optical correlation. Magnetic Resonance in Medicine, 2012, 68, 86-97.	3.0	7

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37	BRAF Activation Induces Transformation and Then Senescence in Human Neural Stem Cells: A Pilocytic Astrocytoma Model. Clinical Cancer Research, 2011, 17, 3590-3599.	7.0	167
38	Abstract 3303: BRAF activation induces cellular transformation and senescence and down-regulates SOX2 in human neural stem cells: a model of pilocytic astrocytoma. , 2011, , .		0
39	Abstract 2903: The role of canonical WNT/Î²-catenin signaling in glial tumors. , 2011, , .		0
40	Abstract 3454: LIN28 is expressed in glioblastomas and promotes KRAS-mediated transformation of human neural stem cells. , 2011, , .		1
41	NOTCH Pathway Blockade Depletes CD133-Positive Glioblastoma Cells and Inhibits Growth of Tumor Neurospheres and Xenografts Â. Stem Cells, 2010, 28, 5-16.	3.2	553
42	Limited Ca2+ and PKA-pathway dependent neurogenic differentiation of human adult mesenchymal stem cells as compared to fetal neuronal stem cells. Experimental Cell Research, 2010, 316, 216-231.	2.6	37
43	Restricted Spontaneous In Vitro Differentiation and Region-Specific Migration of Long-Term Expanded Fetal Human Neural Precursor Cells After Transplantation Into the Adult Rat Brain. Stem Cells and Development, 2009, 18, 1043-1058.	2.1	26
44	Multiple intracranial melanoma metastases: case report and review of the literature. Journal of Neuro-Oncology, 2009, 93, 413-420.	2.9	16
45	<i>DNER</i>, an Epigenetically Modulated Gene, Regulates Glioblastoma-Derived Neurosphere Cell Differentiation and Tumor Propagation. Stem Cells, 2009, 27, 1473-1486.	3.2	84
46	Combined use of BDNF, ascorbic acid, low oxygen, and prolonged differentiation time generates tyrosine hydroxylase-expressing neurons after long-term in vitro expansion of human fetal midbrain precursor cells. Experimental Neurology, 2008, 213, 354-362.	4.1	33
47	Primary Cerebral Intraventricular Hydatid Cyst: A Case Report and Review of the Literature. Journal of Child Neurology, 2008, 23, 585-588.	1.4	31
48	Defining the actual sensitivity and specificity of the neurosphere assay in stem cell biology. Nature Methods, 2006, 3, 801-806.	19.0	354