Chaya Brodie

List of Publications by Year
in descending order

#	Article	IF	Citations
1	Specific Compositions of Cannabis sativa Compounds Have Cytotoxic Activity and Inhibit Motility and Colony Formation of Human Glioblastoma Cells In Vitro. Cancers, 2021, 13, 1720.	3.7	15
2	Expanding the MECP2 network using comparative genomics reveals potential therapeutic targets for Rett syndrome. ELife, 2021, 10, .	6.0	9
3	Frequency and Analysis of Unplanned Extubation in Coronavirus Disease 2019 Patients. , 2020, 2, e0291.		11
4	miR-504 modulates the stemness and mesenchymal transition of glioma stem cells and their interaction with microglia via delivery by extracellular vesicles. Cell Death and Disease, 2020, 11, 899.	6.3	31
5	Synthetic PreImplantation Factor (sPIF) induces posttranslational protein modification and reverses paralysis in EAE mice. Scientific Reports, 2019, 9, 12876.	3.3	6
6	sPIF promotes myoblast differentiation and utrophin expression while inhibiting fibrosis in Duchenne muscular dystrophy via the H19/miR-675/let-7 and miR-21 pathways. Cell Death and Disease, 2019, 10, 82.	6.3	32
7	Placenta-derived mesenchymal stromal cells and their exosomes exert therapeutic effects in Duchenne muscular dystrophy. Biomaterials, 2018, 174, 67-78.	11.4	112
8	Concise Review: Developing Best-Practice Models for the Therapeutic Use of Extracellular Vesicles. Stem Cells Translational Medicine, 2017, 6, 1730-1739.	3.3	247
9	Design principles for noninvasive, longitudinal and quantitative cell tracking with nanoparticle-based CT imaging. Nanomedicine: Nanotechnology, Biology, and Medicine, 2017, 13, 421-429.	3.3	56
10	Therapeutic Effect of Astroglia-like Mesenchymal Stem Cells Expressing Glutamate Transporter in a Genetic Rat Model of Depression. Theranostics, 2017, 7, 2690-2703.	10.0	45
11	The novel long non-coding RNA TALNEC2, regulates tumor cell growth and the stemness and radiation response of glioma stem cells. Oncotarget, 2017, 8, 31785-31801.	1.8	53
12	PIF* promotes brain re-myelination locally while regulating systemic inflammation- clinically relevant multiple sclerosis <i>M.smegmatis</i> model. Oncotarget, 2017, 8, 21834-21851.	1.8	17
13	Repurposing phenformin for the targeting of glioma stem cells and the treatment of glioblastoma. Oncotarget, 2016, 7, 56456-56470.	1.8	75
14	Mesenchymal stem cells enhance the oncolytic effect of Newcastle disease virus in glioma cells and glioma stem cells via the secretion of TRAIL. Stem Cell Research and Therapy, 2016, 7, 149.	5.5	44
15	PreImplantation factor (PIF) therapy provides comprehensive protection against radiation induced pathologies. Oncotarget, 2016, 7, 58975-58994.	1.8	17
16	Preferential expression of functional IL-17R in glioma stem cells: potential role in self-renewal. Oncotarget, 2016, 7, 6121-6135.	1.8	30
17	Insulin-coated gold nanoparticles as a new concept for personalized and adjustable glucose regulation. Nanoscale, 2015, 7, 20489-20496.	5.6	47
18	RasGRP3 regulates the migration of glioma cells via interaction with Arp3. Oncotarget, 2015, 6, 1850-1864.	1.8	14

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19	RTVP-1 promotes mesenchymal transformation of glioma via a STAT-3/IL-6-dependent positive feedback loop. Oncotarget, 2015, 6, 22680-22697.	1.8	29
20	RTVP-1 regulates glioma cell migration and invasion via interaction with N-WASP and hnRNPK. Oncotarget, 2015, 6, 19826-19840.	1.8	22
21	ET-33 * PLACENTA-DERIVED MESENCHYMAL STEM CELLS AND THEIR SECRETED EXOSOMES INHIBIT THE SELF-RENEWAL AND STEMNESS OF GLIOMA STEM CELLS IN VITRO AND IN VIVO. Neuro-Oncology, 2014, 16, v86-v87.	1.2	0
22	Related to testes-specific, vespid and pathogenesis protein-1 is regulated by methylation in glioblastoma. Oncology Letters, 2014, 7, 1209-1212.	1.8	9
23	miRNA Expression and Functions in Glioma and Glioma Stem Cells. , 2014, , 29-49.		1
24	Pre-miRNA expressing plasmid delivery for anti-cancer therapy. MedChemComm, 2014, 5, 459-462.	3.4	3
25	Mesenchymal Stem Cells Deliver Exogenous miRNAs to Neural Cells and Induce Their Differentiation and Glutamate Transporter Expression. Stem Cells and Development, 2014, 23, 2851-2861.	2.1	109
26	TRAIL conjugated to nanoparticles exhibits increased anti-tumor activities in glioma cells and glioma stem cells in vitro and in vivo. Neuro-Oncology, 2013, 15, 29-40.	1.2	60
27	MicroRNA-145 Is Downregulated in Glial Tumors and Regulates Glioma Cell Migration by Targeting Connective Tissue Growth Factor. PLoS ONE, 2013, 8, e54652.	2.5	94
28	Mesenchymal stem cells deliver synthetic microRNA mimics to glioma cells and glioma stem cells and inhibit their cell migration and self-renewal. Oncotarget, 2013, 4, 346-361.	1.8	199
29	MicroRNA-137 is downregulated in glioblastoma and inhibits the stemness of glioma stem cells by targeting RTVP-1. Oncotarget, 2013, 4, 665-676.	1.8	181
30	Role of mesenchymal stem cells in delivering Newcastle disease virus to glioma cells and glioma stem cells and enhancing the oncolytic effect of the virus by secreting TRAIL.. Journal of Clinical Oncology, 2013, 31, 3100-3100.	1.6	12
31	Proteasome inhibitors sensitize glioma cells and glioma stem cells to TRAIL-induced apoptosis by PKCÎµ-dependent downregulation of AKT and XIAP expressions. Cellular Signalling, 2011, 23, 1348-1357.	3.6	47
32	RTVP-1 expression is regulated by SRF downstream of protein kinase C and contributes to the effect of SRF on glioma cell migration. Cellular Signalling, 2011, 23, 1936-1943.	3.6	15
33	Cilengitide induces autophagy-mediated cell death in glioma cells. Neuro-Oncology, 2011, 13, 857-865.	1.2	42
34	Differential Role of PKC Isoforms in GnRH and Phorbol 12-Myristate 13-Acetate Activation of Extracellular Signal-Regulated Kinase and Jun N-Terminal Kinase. Endocrinology, 2010, 151, 4894-4907.	2.8	24
35	PKCÎ´ as a Target for Chemotherapeutic Drugs. , 2010, , 431-453.		1
36	Radiation sensitization of glioblastoma by cilengitide has unanticipated scheduleâ€dependency. International Journal of Cancer, 2009, 124, 2719-2727.	5.1	120

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37	The induction of autophagy by Î³â€radiation contributes to the radioresistance of glioma stem cells. International Journal of Cancer, 2009, 125, 717-722.	5.1	299
38	Selective cytotoxic effect of ZnO nanoparticles on glioma cells. Nano Research, 2009, 2, 882-890.	10.4	236
39	Multiple PKCÎ´ Tyrosine Residues Are Required for PKCÎ´-Dependent Activation of Involucrin Expressionâ€"a Key Role of PKCÎ´-Y311. Journal of Investigative Dermatology, 2008, 128, 833-845.	0.7	9
40	Phosphorylation of Protein Kinase CÎ´ on Distinct Tyrosine Residues Induces Sustained Activation of Erk1/2 via Down-regulation of MKP-1. Journal of Biological Chemistry, 2008, 283, 17731-17739.	3.4	26
41	The Localization of Protein Kinase CÎ´ in Different Subcellular Sites Affects Its Proapoptotic and Antiapoptotic Functions and the Activation of Distinct Downstream Signaling Pathways. Molecular Cancer Research, 2007, 5, 627-639.	3.4	68
42	Tyrosine 311 is phosphorylated by c-Abl and promotes the apoptotic effect of PKCÎ´ in glioma cells. Biochemical and Biophysical Research Communications, 2007, 352, 431-436.	2.1	30
43	Cloning and characterization of human RTVP-1b, a novel splice variant of RTVP-1 in glioma cells. Biochemical and Biophysical Research Communications, 2007, 362, 612-618.	2.1	12
44	PKCÎµ induces astrocytic differentiation of multipotential neural precursor cells. Glia, 2007, 55, 224-232.	4.9	24
45	The phosphorylation of tyrosine 332 is necessary for the caspase 3-dependent cleavage of PKCÎ´ and the regulation of cell apoptosis. Cellular Signalling, 2007, 19, 2165-2173.	3.6	33
46	Protein kinase CÎ± regulates insulin receptor signaling in skeletal muscle. Biochemical and Biophysical Research Communications, 2006, 345, 817-824.	2.1	15
47	Related to Testes-Specific, Vespid, and Pathogenesis Protein-1 (RTVP-1) Is Overexpressed in Gliomas and Regulates the Growth, Survival, and Invasion of Glioma Cells. Cancer Research, 2006, 66, 4139-4148.	0.9	53
48	An essential role of ERK signalling in TPA-induced reactivation of Kaposi's sarcoma-associated herpesvirus. Journal of General Virology, 2006, 87, 795-802.	2.9	84
49	Protein Kinase C-Îµ Regulates the Apoptosis and Survival of Glioma Cells. Cancer Research, 2005, 65, 7301-7309.	0.9	108
50	Roles of Tyrosine Phosphorylation and Cleavage of Protein Kinase CÎ´ in Its Protective Effect Against Tumor Necrosis Factor-related Apoptosis Inducing Ligand-induced Apoptosis. Journal of Biological Chemistry, 2005, 280, 23643-23652.	3.4	55
51	PKCÎ´ Associates with and Is Involved in the Phosphorylation of RasGRP3 in Response to Phorbol Esters. Molecular Pharmacology, 2004, 66, 76-84.	2.3	42
52	Role of Protein Kinase C Î´ in Reactivation of Kaposi's Sarcoma-Associated Herpesvirus. Journal of Virology, 2004, 78, 10187-10192.	3.4	41
53	Tyrosine Phosphorylation of Protein Kinase CÎ´ Is Essential for Its Apoptotic Effect in Response to Etoposide. Molecular and Cellular Biology, 2002, 22, 182-195.	2.3	183
54	Infection of Glioma Cells with Sindbis Virus Induces Selective Activation and Tyrosine Phosphorylation of Protein Kinase C Î´. Journal of Biological Chemistry, 2002, 277, 23693-23701.	3.4	54

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55	Roles of BCL-2 and Caspase 3 in the Adenosine A3. Journal of Molecular Neuroscience, 2001, 17, 285-292.	2.3	40
56	Differential regulation of neurotrophin expression by mitogens and neurotransmitters in mouse lymphocytes. Journal of Neuroimmunology, 2000, 103, 112-121.	2.3	74
57	Phosphorylation of Protein Kinase CÎ´ on Distinct Tyrosine Residues Regulates Specific Cellular Functions. Journal of Biological Chemistry, 2000, 275, 35491-35498.	3.4	105
58	Role of nerve growth factor in a mouse model of allergic airway inflammation and asthma. European Journal of Immunology, 1998, 28, 3240-3251.	2.9	231
59	Functional IL-4 receptors on mouse astrocytes: IL-4 inhibits astrocyte activation and induces NGF secretion. Journal of Neuroimmunology, 1998, 81, 20-30.	2.3	103
60	Differential role of specific PKC isoforms in the proliferation of glial cells and the expression of the astrocytic markers GFAP and glutamine synthetase. Molecular Brain Research, 1998, 56, 108-117.	2.3	46
61	Activation of the A2A adenosine receptor inhibits nitric oxide production in glial cells. FEBS Letters, 1998, 429, 139-142.	2.8	69
62	Protein Kinase C Î´ (PKCÎ´) Inhibits the Expression of Glutamine Synthetase in Glial Cells via the PKCÎ´ Regulatory Domain and Its Tyrosine Phosphorylation. Journal of Biological Chemistry, 1998, 273, 30713-30718.	3.4	36
63	Role of nerve growth factor in a mouse model of allergic airway inflammation and asthma. European Journal of Immunology, 1998, 28, 3240-3251.	2.9	1
64	Regulation of GDNF expression in cultured astrocytes by inflammatory stimuli. NeuroReport, 1997, 8, 3309-3312.	1.2	112
65	Astrocyte activation by Sindbis virus: Expression of GFAP, cytokines, and adhesion molecules. , 1997, 19, 275-285.		31
66	Differential effects of Th1 and Th2 derived cytokines on NGF synthesis by mouse astrocytes. FEBS Letters, 1996, 394, 117-120.	2.8	72
67	Nerve growth-factor and anti-CD40 provide opposite signals for the production of IgE in interleukin-4-treated lymphocytes. European Journal of Immunology, 1996, 26, 171-178.	2.9	42
68	Nerve growth factor signal transduction in human B lymphocytes is mediated by gp140trk. European Journal of Immunology, 1996, 26, 1985-1992.	2.9	60
69	Indication that Intracellular Fluorescence Polarization of T Lymphocytes is Cell Cycle Dependent.. Cell Structure and Function, 1996, 21, 271-276.	1.1	13
70	Platelet activating factor induces nerve growth factor production by rat astrocytes. Neuroscience Letters, 1995, 186, 5-8.	2.1	29
71	Staurosporine Induces Astrocytic Phenotypes and Differential Expression of Specific PKC Isoforms in C6 Glial Cells. Journal of Neurochemistry, 1995, 65, 1505-1514.	3.9	28
72	Functional PAF receptors in glia cells: Binding parameters and regulation of expression. International Journal of Developmental Neuroscience, 1994, 12, 631-640.	1.6	17

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73	Early Signals in Serum-Induced Increases in Ouabain-Sensitive Na+-K+Pump Activity and in Glucose Transport in Rat Skeletal Muscle Are Amiloride-Sensitive. Journal of Neurochemistry, 1993, 60, 2247-2253.	3.9	1
74	Regulation by Thyroid Hormones of Glucose Transport in Cultured Rat Myotubes. Journal of Neurochemistry, 1990, 55, 186-191.	3.9	22
75	Characterization of resting membrane potential and its electrogenic pump component in cultured chick myotubes. International Journal of Developmental Neuroscience, 1989, 7, 165-172.	1.6	5
76	Role of Na-K ATPase in regulation of resting membrane potential of cultured rat skeletal myotubes. Journal of Cellular Physiology, 1987, 130, 191-198.	4.1	44
77	Influence of various growth factors and conditions on development of resting membrane potential and its electrogenic pump component of cultured rat skeletal myotubes. International Journal of Developmental Neuroscience, 1986, 4, 327-331.	1.6	19
78	Some electrophysiological properties of cultured rat cerebral cortical neurons dissociated from fetuses at various gestational ages. International Journal of Developmental Neuroscience, 1986, 4, 135-141.	1.6	5