Chaya Brodie

List of Publications by Year
in descending order

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78 papers	4,406 citations	81900 39 h-index	106344 65 g-index
81 all docs	81 docs citations	81 times ranked	6531 citing authors

#	Article	IF	Citations
1	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
2	Concise Review: Developing Best-Practice Models for the Therapeutic Use of Extracellular Vesicles. Stem Cells Translational Medicine, 2017, 6, 1730-1739.	3.3	247
3	Selective cytotoxic effect of ZnO nanoparticles on glioma cells. Nano Research, 2009, 2, 882-890.	10.4	236
4	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
5	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
6	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
7	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
8	Radiation sensitization of glioblastoma by cilengitide has unanticipated scheduleâ€dependency. International Journal of Cancer, 2009, 124, 2719-2727.	5.1	120
9	Regulation of GDNF expression in cultured astrocytes by inflammatory stimuli. NeuroReport, 1997, 8, 3309-3312.	1.2	112
10	Placenta-derived mesenchymal stromal cells and their exosomes exert therapeutic effects in Duchenne muscular dystrophy. Biomaterials, 2018, 174, 67-78.	11.4	112
11	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
12	Protein Kinase C-Îµ Regulates the Apoptosis and Survival of Glioma Cells. Cancer Research, 2005, 65, 7301-7309.	0.9	108
13	Phosphorylation of Protein Kinase CÎ´ on Distinct Tyrosine Residues Regulates Specific Cellular Functions. Journal of Biological Chemistry, 2000, 275, 35491-35498.	3.4	105
14	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
15	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
16	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
17	Repurposing phenformin for the targeting of glioma stem cells and the treatment of glioblastoma. Oncotarget, 2016, 7, 56456-56470.	1.8	75
18	Differential regulation of neurotrophin expression by mitogens and neurotransmitters in mouse lymphocytes. Journal of Neuroimmunology, 2000, 103, 112-121.	2.3	74

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19	Differential effects of Th1 and Th2 derived cytokines on NGF synthesis by mouse astrocytes. FEBS Letters, 1996, 394, 117-120.	2.8	72
20	Activation of the A2A adenosine receptor inhibits nitric oxide production in glial cells. FEBS Letters, 1998, 429, 139-142.	2.8	69
21	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
22	Nerve growth factor signal transduction in human B lymphocytes is mediated by gp140trk. European Journal of Immunology, 1996, 26, 1985-1992.	2.9	60
23	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
24	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
25	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
26	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
27	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
28	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
29	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
30	Insulin-coated gold nanoparticles as a new concept for personalized and adjustable glucose regulation. Nanoscale, 2015, 7, 20489-20496.	5.6	47
31	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
32	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
33	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
34	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
35	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
36	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

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37	Cilengitide induces autophagy-mediated cell death in glioma cells. Neuro-Oncology, 2011, 13, 857-865.	1.2	42
38	Role of Protein Kinase C Î´ in Reactivation of Kaposi's Sarcoma-Associated Herpesvirus. Journal of Virology, 2004, 78, 10187-10192.	3.4	41
39	Roles of BCL-2 and Caspase 3 in the Adenosine A3. Journal of Molecular Neuroscience, 2001, 17, 285-292.	2.3	40
40	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
41	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
42	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
43	Astrocyte activation by Sindbis virus: Expression of GFAP, cytokines, and adhesion molecules. , 1997, 19, 275-285.		31
44	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
45	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
46	Preferential expression of functional IL-17R in glioma stem cells: potential role in self-renewal. Oncotarget, 2016, 7, 6121-6135.	1.8	30
47	Platelet activating factor induces nerve growth factor production by rat astrocytes. Neuroscience Letters, 1995, 186, 5-8.	2.1	29
48	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
49	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
50	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
51	PKCÎµ induces astrocytic differentiation of multipotential neural precursor cells. Glia, 2007, 55, 224-232.	4.9	24
52	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
53	Regulation by Thyroid Hormones of Glucose Transport in Cultured Rat Myotubes. Journal of Neurochemistry, 1990, 55, 186-191.	3.9	22
54	RTVP-1 regulates glioma cell migration and invasion via interaction with N-WASP and hnRNPK. Oncotarget, 2015, 6, 19826-19840.	1.8	22

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55	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
56	Functional PAF receptors in glia cells: Binding parameters and regulation of expression. International Journal of Developmental Neuroscience, 1994, 12, 631-640.	1.6	17
57	PreImplantation factor (PIF) therapy provides comprehensive protection against radiation induced pathologies. Oncotarget, 2016, 7, 58975-58994.	1.8	17
58	PIF* promotes brain re-myelination locally while regulating systemic inflammation- clinically relevant multiple sclerosis M.smegmatis model. Oncotarget, 2017, 8, 21834-21851.	1.8	17
59	Protein kinase CÎ± regulates insulin receptor signaling in skeletal muscle. Biochemical and Biophysical Research Communications, 2006, 345, 817-824.	2.1	15
60	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
61	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
62	RasGRP3 regulates the migration of glioma cells via interaction with Arp3. Oncotarget, 2015, 6, 1850-1864.	1.8	14
63	Indication that Intracellular Fluorescence Polarization of T Lymphocytes is Cell Cycle Dependent.. Cell Structure and Function, 1996, 21, 271-276.	1.1	13
64	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
65	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
66	Frequency and Analysis of Unplanned Extubation in Coronavirus Disease 2019 Patients. , 2020, 2, e0291.		11
67	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
68	Related to testes-specific, vespid and pathogenesis protein-1 is regulated by methylation in glioblastoma. Oncology Letters, 2014, 7, 1209-1212.	1.8	9
69	Expanding the MECP2 network using comparative genomics reveals potential therapeutic targets for Rett syndrome. ELife, 2021, 10, .	6.0	9
70	Synthetic PreImplantation Factor (sPIF) induces posttranslational protein modification and reverses paralysis in EAE mice. Scientific Reports, 2019, 9, 12876.	3.3	6
71	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
72	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

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73	Pre-miRNA expressing plasmid delivery for anti-cancer therapy. MedChemComm, 2014, 5, 459-462.	3.4	3
74	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
75	miRNA Expression and Functions in Glioma and Glioma Stem Cells. , 2014, , 29-49.		1
76	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
77	PKCÎ´ as a Target for Chemotherapeutic Drugs. , 2010, , 431-453.		1
78	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