

# Chaya Brodie

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6009047/publications.pdf>

Version: 2024-02-01

78  
papers

4,406  
citations

81743

39  
h-index

106150

65  
g-index

81  
all docs

81  
docs citations

81  
times ranked

6531  
citing authors

#	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. <i>Cancers</i> , 2021, 13, 1720.	1.7	15
2	Expanding the MECP2 network using comparative genomics reveals potential therapeutic targets for Rett syndrome. <i>ELife</i> , 2021, 10, .	2.8	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. <i>Cell Death and Disease</i> , 2020, 11, 899.	2.7	31
5	Synthetic Preimplantation Factor (sPIF) induces posttranslational protein modification and reverses paralysis in EAE mice. <i>Scientific Reports</i> , 2019, 9, 12876.	1.6	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. <i>Cell Death and Disease</i> , 2019, 10, 82.	2.7	32
7	Placenta-derived mesenchymal stromal cells and their exosomes exert therapeutic effects in Duchenne muscular dystrophy. <i>Biomaterials</i> , 2018, 174, 67-78.	5.7	112
8	Concise Review: Developing Best-Practice Models for the Therapeutic Use of Extracellular Vesicles. <i>Stem Cells Translational Medicine</i> , 2017, 6, 1730-1739.	1.6	247
9	Design principles for noninvasive, longitudinal and quantitative cell tracking with nanoparticle-based CT imaging. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2017, 13, 421-429.	1.7	56
10	Therapeutic Effect of Astroglia-like Mesenchymal Stem Cells Expressing Glutamate Transporter in a Genetic Rat Model of Depression. <i>Theranostics</i> , 2017, 7, 2690-2703.	4.6	45
11	The novel long non-coding RNA TALNEC2, regulates tumor cell growth and the stemness and radiation response of glioma stem cells. <i>Oncotarget</i> , 2017, 8, 31785-31801.	0.8	53
12	PIF* promotes brain re-myelination locally while regulating systemic inflammation- clinically relevant multiple sclerosis <i>&lt;i&gt;M.smegmatis&lt;/i&gt;</i> model. <i>Oncotarget</i> , 2017, 8, 21834-21851.	0.8	17
13	Repurposing phenformin for the targeting of glioma stem cells and the treatment of glioblastoma. <i>Oncotarget</i> , 2016, 7, 56456-56470.	0.8	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. <i>Stem Cell Research and Therapy</i> , 2016, 7, 149.	2.4	44
15	Preimplantation factor (PIF) therapy provides comprehensive protection against radiation induced pathologies. <i>Oncotarget</i> , 2016, 7, 58975-58994.	0.8	17
16	Preferential expression of functional IL-17R in glioma stem cells: potential role in self-renewal. <i>Oncotarget</i> , 2016, 7, 6121-6135.	0.8	30
17	Insulin-coated gold nanoparticles as a new concept for personalized and adjustable glucose regulation. <i>Nanoscale</i> , 2015, 7, 20489-20496.	2.8	47
18	RasGRP3 regulates the migration of glioma cells via interaction with Arp3. <i>Oncotarget</i> , 2015, 6, 1850-1864.	0.8	14

#	ARTICLE	IF	CITATIONS
19	RTVP-1 promotes mesenchymal transformation of glioma via a STAT-3/IL-6-dependent positive feedback loop. <i>Oncotarget</i> , 2015, 6, 22680-22697.	0.8	29
20	RTVP-1 regulates glioma cell migration and invasion via interaction with N-WASP and hnRNPK. <i>Oncotarget</i> , 2015, 6, 19826-19840.	0.8	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. <i>Neuro-Oncology</i> , 2014, 16, v86-v87.	0.6	0
22	Related to testes-specific, vespid and pathogenesis protein-1 is regulated by methylation in glioblastoma. <i>Oncology Letters</i> , 2014, 7, 1209-1212.	0.8	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. <i>MedChemComm</i> , 2014, 5, 459-462.	3.5	3
25	Mesenchymal Stem Cells Deliver Exogenous miRNAs to Neural Cells and Induce Their Differentiation and Glutamate Transporter Expression. <i>Stem Cells and Development</i> , 2014, 23, 2851-2861.	1.1	109
26	TRAIL conjugated to nanoparticles exhibits increased anti-tumor activities in glioma cells and glioma stem cells in vitro and in vivo. <i>Neuro-Oncology</i> , 2013, 15, 29-40.	0.6	60
27	MicroRNA-145 Is Downregulated in Glial Tumors and Regulates Glioma Cell Migration by Targeting Connective Tissue Growth Factor. <i>PLoS ONE</i> , 2013, 8, e54652.	1.1	94
28	Mesenchymal stem cells deliver synthetic microRNA mimics to glioma cells and glioma stem cells and inhibit their cell migration and self-renewal. <i>Oncotarget</i> , 2013, 4, 346-361.	0.8	199
29	MicroRNA-137 is downregulated in glioblastoma and inhibits the stemness of glioma stem cells by targeting RTVP-1. <i>Oncotarget</i> , 2013, 4, 665-676.	0.8	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.. <i>Journal of Clinical Oncology</i> , 2013, 31, 3100-3100.	0.8	12
31	Proteasome inhibitors sensitize glioma cells and glioma stem cells to TRAIL-induced apoptosis by PKC $\mu$ -dependent downregulation of AKT and XIAP expressions. <i>Cellular Signalling</i> , 2011, 23, 1348-1357.	1.7	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. <i>Cellular Signalling</i> , 2011, 23, 1936-1943.	1.7	15
33	Cilengitide induces autophagy-mediated cell death in glioma cells. <i>Neuro-Oncology</i> , 2011, 13, 857-865.	0.6	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. <i>Endocrinology</i> , 2010, 151, 4894-4907.	1.4	24
35	PKC $\zeta$ as a Target for Chemotherapeutic Drugs. , 2010, , 431-453.		1
36	Radiation sensitization of glioblastoma by cilengitide has unanticipated schedule $\alpha$ dependency. <i>International Journal of Cancer</i> , 2009, 124, 2719-2727.	2.3	120

#	ARTICLE	IF	CITATIONS
37	The induction of autophagy by $^{137}\text{Cs}$ radiation contributes to the radioresistance of glioma stem cells. <i>International Journal of Cancer</i> , 2009, 125, 717-722.	2.3	299
38	Selective cytotoxic effect of ZnO nanoparticles on glioma cells. <i>Nano Research</i> , 2009, 2, 882-890.	5.8	236
39	Multiple PKC $\delta$ Tyrosine Residues Are Required for PKC $\delta$ -Dependent Activation of Involucrin Expression—a Key Role of PKC $\delta$ -Y311. <i>Journal of Investigative Dermatology</i> , 2008, 128, 833-845.	0.3	9
40	Phosphorylation of Protein Kinase C $\delta$ on Distinct Tyrosine Residues Induces Sustained Activation of Erk1/2 via Down-regulation of MKP-1. <i>Journal of Biological Chemistry</i> , 2008, 283, 17731-17739.	1.6	26
41	The Localization of Protein Kinase C $\delta$ in Different Subcellular Sites Affects Its Proapoptotic and Antiapoptotic Functions and the Activation of Distinct Downstream Signaling Pathways. <i>Molecular Cancer Research</i> , 2007, 5, 627-639.	1.5	68
42	Tyrosine 311 is phosphorylated by c-Abl and promotes the apoptotic effect of PKC $\delta$ in glioma cells. <i>Biochemical and Biophysical Research Communications</i> , 2007, 352, 431-436.	1.0	30
43	Cloning and characterization of human RTVP-1b, a novel splice variant of RTVP-1 in glioma cells. <i>Biochemical and Biophysical Research Communications</i> , 2007, 362, 612-618.	1.0	12
44	PKC $\mu$ induces astrocytic differentiation of multipotential neural precursor cells. <i>Glia</i> , 2007, 55, 224-232.	2.5	24
45	The phosphorylation of tyrosine 332 is necessary for the caspase 3-dependent cleavage of PKC $\delta$ and the regulation of cell apoptosis. <i>Cellular Signalling</i> , 2007, 19, 2165-2173.	1.7	33
46	Protein kinase C $\delta$ regulates insulin receptor signaling in skeletal muscle. <i>Biochemical and Biophysical Research Communications</i> , 2006, 345, 817-824.	1.0	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. <i>Cancer Research</i> , 2006, 66, 4139-4148.	0.4	53
48	An essential role of ERK signalling in TPA-induced reactivation of Kaposi's sarcoma-associated herpesvirus. <i>Journal of General Virology</i> , 2006, 87, 795-802.	1.3	84
49	Protein Kinase C- $\mu$ Regulates the Apoptosis and Survival of Glioma Cells. <i>Cancer Research</i> , 2005, 65, 7301-7309.	0.4	108
50	Roles of Tyrosine Phosphorylation and Cleavage of Protein Kinase C $\delta$ in Its Protective Effect Against Tumor Necrosis Factor-related Apoptosis Inducing Ligand-induced Apoptosis. <i>Journal of Biological Chemistry</i> , 2005, 280, 23643-23652.	1.6	55
51	PKC $\delta$ Associates with and Is Involved in the Phosphorylation of RasGRP3 in Response to Phorbol Esters. <i>Molecular Pharmacology</i> , 2004, 66, 76-84.	1.0	42
52	Role of Protein Kinase C $\delta$ in Reactivation of Kaposi's Sarcoma-Associated Herpesvirus. <i>Journal of Virology</i> , 2004, 78, 10187-10192.	1.5	41
53	Tyrosine Phosphorylation of Protein Kinase C $\delta$ Is Essential for Its Apoptotic Effect in Response to Etoposide. <i>Molecular and Cellular Biology</i> , 2002, 22, 182-195.	1.1	183
54	Infection of Glioma Cells with Sindbis Virus Induces Selective Activation and Tyrosine Phosphorylation of Protein Kinase C $\delta$ . <i>Journal of Biological Chemistry</i> , 2002, 277, 23693-23701.	1.6	54

#	ARTICLE	IF	CITATIONS
55	Roles of BCL-2 and Caspase 3 in the Adenosine A3. <i>Journal of Molecular Neuroscience</i> , 2001, 17, 285-292.	1.1	40
56	Differential regulation of neurotrophin expression by mitogens and neurotransmitters in mouse lymphocytes. <i>Journal of Neuroimmunology</i> , 2000, 103, 112-121.	1.1	74
57	Phosphorylation of Protein Kinase C $\gamma$ on Distinct Tyrosine Residues Regulates Specific Cellular Functions. <i>Journal of Biological Chemistry</i> , 2000, 275, 35491-35498.	1.6	105
58	Role of nerve growth factor in a mouse model of allergic airway inflammation and asthma. <i>European Journal of Immunology</i> , 1998, 28, 3240-3251.	1.6	231
59	Functional IL-4 receptors on mouse astrocytes: IL-4 inhibits astrocyte activation and induces NGF secretion. <i>Journal of Neuroimmunology</i> , 1998, 81, 20-30.	1.1	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. <i>Molecular Brain Research</i> , 1998, 56, 108-117.	2.5	46
61	Activation of the A2A adenosine receptor inhibits nitric oxide production in glial cells. <i>FEBS Letters</i> , 1998, 429, 139-142.	1.3	69
62	Protein Kinase C $\gamma$ (PKC $\gamma$ ) Inhibits the Expression of Glutamine Synthetase in Glial Cells via the PKC $\gamma$ Regulatory Domain and Its Tyrosine Phosphorylation. <i>Journal of Biological Chemistry</i> , 1998, 273, 30713-30718.	1.6	36
63	Role of nerve growth factor in a mouse model of allergic airway inflammation and asthma. , 1998, 28, 3240.		1
64	Regulation of GDNF expression in cultured astrocytes by inflammatory stimuli. <i>NeuroReport</i> , 1997, 8, 3309-3312.	0.6	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. <i>FEBS Letters</i> , 1996, 394, 117-120.	1.3	72
67	Nerve growth-factor and anti-CD40 provide opposite signals for the production of IgE in interleukin-4-treated lymphocytes. <i>European Journal of Immunology</i> , 1996, 26, 171-178.	1.6	42
68	Nerve growth factor signal transduction in human B lymphocytes is mediated by gp140trk. <i>European Journal of Immunology</i> , 1996, 26, 1985-1992.	1.6	60
69	Indication that Intracellular Fluorescence Polarization of T Lymphocytes is Cell Cycle Dependent.. <i>Cell Structure and Function</i> , 1996, 21, 271-276.	0.5	13
70	Platelet activating factor induces nerve growth factor production by rat astrocytes. <i>Neuroscience Letters</i> , 1995, 186, 5-8.	1.0	29
71	Staurosporine Induces Astrocytic Phenotypes and Differential Expression of Specific PKC Isoforms in C6 Glial Cells. <i>Journal of Neurochemistry</i> , 1995, 65, 1505-1514.	2.1	28
72	Functional PAF receptors in glia cells: Binding parameters and regulation of expression. <i>International Journal of Developmental Neuroscience</i> , 1994, 12, 631-640.	0.7	17

#	ARTICLE	IF	CITATIONS
73	Early Signals in Serum-Induced Increases in Ouabain-Sensitive Na <sup>+</sup> -K <sup>+</sup> -Pump Activity and in Glucose Transport in Rat Skeletal Muscle Are Amiloride-Sensitive. <i>Journal of Neurochemistry</i> , 1993, 60, 2247-2253.	2.1	1
74	Regulation by Thyroid Hormones of Glucose Transport in Cultured Rat Myotubes. <i>Journal of Neurochemistry</i> , 1990, 55, 186-191.	2.1	22
75	Characterization of resting membrane potential and its electrogenic pump component in cultured chick myotubes. <i>International Journal of Developmental Neuroscience</i> , 1989, 7, 165-172.	0.7	5
76	Role of Na-K ATPase in regulation of resting membrane potential of cultured rat skeletal myotubes. <i>Journal of Cellular Physiology</i> , 1987, 130, 191-198.	2.0	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. <i>International Journal of Developmental Neuroscience</i> , 1986, 4, 327-331.	0.7	19
78	Some electrophysiological properties of cultured rat cerebral cortical neurons dissociated from fetuses at various gestational ages. <i>International Journal of Developmental Neuroscience</i> , 1986, 4, 135-141.	0.7	5