

# Nephi Stella

## List of Publications by Year in descending order

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88  
papers

11,281  
citations

66234

42  
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51492

86  
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129  
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129  
docs citations

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times ranked

9780  
citing authors

#	ARTICLE	IF	CITATIONS
1	ABHD6 Controls Amphetamine-Stimulated Hyperlocomotion: Involvement of CB <sub>1</sub> Receptors. <i>Cannabis and Cannabinoid Research</i> , 2022, 7, 188-198.	1.5	6
2	Control of exploration, motor coordination and amphetamine sensitization by cannabinoid CB <sub>1</sub> receptors expressed in medium spiny neurons. <i>European Journal of Neuroscience</i> , 2021, 54, 4934-4952.	1.2	5
3	A brain-penetrant microtubule-targeting agent that disrupts hallmarks of glioma tumorigenesis. <i>Neuro-Oncology Advances</i> , 2021, 3, vdaa165.	0.4	10
4	Benzothiazolinone Derivatives as Potent Allosteric Monoacylglycerol Lipase Inhibitors That Functionally Mimic Sulfenylation of Regulatory Cysteines. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 1261-1280.	2.9	9
5	Sex-dependent impaired locomotion and motor coordination in the HdhQ200/200 mouse model of Huntington's Disease. <i>Neurobiology of Disease</i> , 2019, 132, 104607.	2.1	7
6	GPR124 regulates microtubule assembly, mitotic progression, and glioblastoma cell proliferation. <i>Glia</i> , 2019, 67, 1558-1570.	2.5	15
7	Voluntary oral consumption of $\delta^9$ -tetrahydrocannabinol by adolescent rats impairs reward-predictive cue behaviors in adulthood. <i>Neuropsychopharmacology</i> , 2019, 44, 1406-1414.	2.8	46
8	ABHD6: Its Place in Endocannabinoid Signaling and Beyond. <i>Trends in Pharmacological Sciences</i> , 2019, 40, 267-277.	4.0	39
9	Identification of $\delta^1$ , $\delta^2$ -Hydrolase Domain Containing Protein 6 as a Diacylglycerol Lipase in Neuro-2a Cells. <i>Frontiers in Molecular Neuroscience</i> , 2019, 12, 286.	1.4	19
10	Sex-dependent behavioral impairments in the HdhQ350/+ mouse line. <i>Behavioural Brain Research</i> , 2018, 337, 34-45.	1.2	10
11	Cannabis use during pregnancy: Pharmacokinetics and effects on child development. , 2018, 182, 133-151.		180
12	Unintended specificity of an engineered ligand-binding protein facilitated by unpredicted plasticity of the protein fold. <i>Protein Engineering, Design and Selection</i> , 2018, 31, 375-387.	1.0	6
13	Modified carbazoles destabilize microtubules and kill glioblastoma multiform cells. <i>European Journal of Medicinal Chemistry</i> , 2018, 159, 74-89.	2.6	19
14	The cannabinoid-1 receptor is abundantly expressed in striatal striosomes and striosome-dendron bouquets of the substantia nigra. <i>PLoS ONE</i> , 2018, 13, e0191436.	1.1	62
15	Label-Free Dynamic Mass Redistribution Reveals Low-Density, Prosurvival $\alpha$ -Adrenergic Receptors in Human SW480 Colon Carcinoma Cells. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2017, 361, 219-228.	1.3	4
16	Cannabidiol attenuates seizures and social deficits in a mouse model of Dravet syndrome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 11229-11234.	3.3	283
17	Quantitative Analyses of Synergistic Responses between Cannabidiol and DNA-Damaging Agents on the Proliferation and Viability of Glioblastoma and Neural Progenitor Cells in Culture. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2017, 360, 215-224.	1.3	42
18	Novel indole-based compounds that differentiate alkylindole-sensitive receptors from cannabinoid receptors and microtubules: Characterization of their activity on glioma cell migration. <i>Pharmacological Research</i> , 2017, 115, 233-241.	3.1	13

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19	ST-11: A New Brain-Penetrant Microtubule-Destabilizing Agent with Therapeutic Potential for Glioblastoma Multiforme. <i>Molecular Cancer Therapeutics</i> , 2016, 15, 2018-2029.	1.9	22
20	Dynamic mass redistribution reveals diverging importance of PDZ-ligands for G protein-coupled receptor pharmacodynamics. <i>Pharmacological Research</i> , 2016, 105, 13-21.	3.1	7
21	Muscarinic M 1 receptor and cannabinoid CB 1 receptor do not modulate paraoxonâ€induced seizures. <i>Pharmacology Research and Perspectives</i> , 2015, 3, e00100.	1.1	9
22	Alkylindole-sensitive receptors modulate microglial cell migration and proliferation. <i>Glia</i> , 2015, 63, 1797-1808.	2.5	14
23	A novel near-infrared fluorescence imaging probe that preferentially binds to cannabinoid receptors CB2R over CB1R. <i>Biomaterials</i> , 2015, 57, 169-178.	5.7	27
24	Endocannabinoid signalling and the deteriorating brain. <i>Nature Reviews Neuroscience</i> , 2015, 16, 30-42.	4.9	312
25	Targeting endocannabinoid signaling in tumorâ€associated macrophages as treatment for glioblastoma multiforme. <i>Environmental Sciences Europe</i> , 2014, 3, 39-51.	2.6	3
26	Potential upstream regulators of cannabinoid receptor 1 signaling in prostate cancer: A Bayesian network analysis of data from a tissue microarray. <i>Prostate</i> , 2014, 74, 1107-1117.	1.2	8
27	Cannabis use by individuals with multiple sclerosis: effects on specific immune parameters. <i>Inflammopharmacology</i> , 2014, 22, 295-303.	1.9	25
28	G protein-coupled receptors as oncogenic signals in glioma: Emerging therapeutic avenues. <i>Neuroscience</i> , 2014, 278, 222-236.	1.1	34
29	Genetic rescue of CB1 receptors on medium spiny neurons prevents loss of excitatory striatal synapses but not motor impairment in HD mice. <i>Neurobiology of Disease</i> , 2014, 71, 140-150.	2.1	46
30	ABHD6 Blockade Exerts Antiepileptic Activity in PTZ-Induced Seizures and in Spontaneous Seizures in R6/2 Mice. <i>Neuron</i> , 2014, 83, 361-371.	3.8	103
31	Modulation of Pilocarpine-Induced Seizures by Cannabinoid Receptor 1. <i>PLoS ONE</i> , 2014, 9, e95922.	1.1	39
32	Downregulation of cannabinoid receptor 1 from neuropeptide <scp>Y</scp> interneurons in the basal ganglia of patients with Huntington's disease and mouse models. <i>European Journal of Neuroscience</i> , 2013, 37, 429-440.	1.2	46
33	Differential migratory properties of monocytes isolated from human subjects naÃve and non-naÃve to Cannabis. <i>Inflammopharmacology</i> , 2013, 21, 253-259.	1.9	15
34	Two Novel Mutations in<i>ABHD12</i>: Expansion of the Mutation Spectrum in PHARC and Assessment of Their Functional Effects. <i>Human Mutation</i> , 2013, 34, 1672-1678.	1.1	39
35	Chronic THC intake modifies fundamental cerebellar functions. <i>Journal of Clinical Investigation</i> , 2013, 123, 3208-3210.	3.9	11
36	GPR124 coupling and function in astrocytomas. <i>FASEB Journal</i> , 2013, 27, 1096.4.	0.2	0

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37	Cannabinoid Receptor 2 Signaling in Peripheral Immune Cells Modulates Disease Onset and Severity in Mouse Models of Huntington's Disease. <i>Journal of Neuroscience</i> , 2012, 32, 18259-18268.	1.7	115
38	Inflammation to Rebuild a Brain. <i>Science</i> , 2012, 338, 1303-1304.	6.0	11
39	Gravin Is a Transitory Effector of Polo-like Kinase 1 during Cell Division. <i>Molecular Cell</i> , 2012, 48, 547-559.	4.5	36
40	Mutant huntingtin impairs immune cell migration in Huntington disease. <i>Journal of Clinical Investigation</i> , 2012, 122, 4737-4747.	3.9	132
41	Anatomy of Prostaglandin Signals. <i>Science</i> , 2011, 334, 768-769.	6.0	6
42	NIR-mbc94, a Fluorescent Ligand that Binds to Endogenous CB2 Receptors and Is Amenable to High-Throughput Screening. <i>Chemistry and Biology</i> , 2011, 18, 563-568.	6.2	36
43	Dual Inhibition of $\hat{I}\pm/\hat{I}^2$ -Hydrolase Domain 6 and Fatty Acid Amide Hydrolase Increases Endocannabinoid Levels in Neurons. <i>Journal of Biological Chemistry</i> , 2011, 286, 28723-28728.	1.6	39
44	Cannabinoid and cannabinoid-like receptors in microglia, astrocytes, and astrocytomas. <i>Glia</i> , 2010, 58, 1017-1030.	2.5	442
45	Chronic microsensors for longitudinal, subsecond dopamine detection in behaving animals. <i>Nature Methods</i> , 2010, 7, 126-129.	9.0	316
46	The serine hydrolase ABHD6 controls the accumulation and efficacy of 2-AG at cannabinoid receptors. <i>Nature Neuroscience</i> , 2010, 13, 951-957.	7.1	395
47	Endocannabinoid Signaling Mediates Psychomotor Activation by Adenosine $A_{2A}$ Antagonists. <i>Journal of Neuroscience</i> , 2010, 30, 2160-2164.	1.7	74
48	The Expression Level of CB1 and CB2 Receptors Determines Their Efficacy at Inducing Apoptosis in Astrocytomas. <i>PLoS ONE</i> , 2010, 5, e8702.	1.1	75
49	Genetic Manipulation of Palmitoylethanolamide Production and Inactivation in <i>Saccharomyces cerevisiae</i> . <i>PLoS ONE</i> , 2009, 4, e5942.	1.1	11
50	Differential changes in GPR55 during microglial cell activation. <i>FEBS Letters</i> , 2009, 583, 2071-2076.	1.3	103
51	Microglial cell migration stimulated by ATP and C5a involve distinct molecular mechanisms: Quantification of migration by a novel near-infrared method. <i>Glia</i> , 2009, 57, 875-883.	2.5	52
52	Synthesis and characterization of a peripherally restricted CB1 cannabinoid antagonist, URB447, that reduces feeding and body-weight gain in mice. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2009, 19, 639-643.	1.0	114
53	Measuring Endocannabinoid Hydrolysis: Refining our Tools and Understanding. <i>AAPS Journal</i> , 2009, 11, 307-311.	2.2	7
54	Endocannabinoid signaling in microglial cells. <i>Neuropharmacology</i> , 2009, 56, 244-253.	2.0	236

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55	Binding of NIR-conPK and NIR-6T to Astrocytomas and Microglial Cells: Evidence for a Protein Related to TSPO. PLoS ONE, 2009, 4, e8271.	1.1	9
56	An optimized GC-MS method detects nanomolar amounts of anandamide in mouse brain. Analytical Biochemistry, 2008, 373, 220-228.	1.1	46
57	Microglia produce and hydrolyze palmitoylethanolamide. Neuropharmacology, 2008, 54, 16-22.	2.0	84
58	MBC94, a Conjugable Ligand for Cannabinoid CB <sub>2</sub> Receptor Imaging. Bioconjugate Chemistry, 2008, 19, 988-992.	1.8	42
59	Identification of a Novel Endocannabinoid-Hydrolyzing Enzyme Expressed by Microglial Cells. Journal of Neuroscience, 2007, 27, 2883-2889.	1.7	162
60	2-AG + 2 New Players = Forecast for Therapeutic Advances. Chemistry and Biology, 2007, 14, 1309-1311.	6.2	8
61	Targeting Astrocytomas and Invading Immune Cells with Cannabinoids: A Promising Therapeutic Avenue. Molecular Neurobiology, 2007, 36, 36-44.	1.9	5
62	A Peripheral Benzodiazepine Receptor Targeted Agent for In Vitro Imaging and Screening. Bioconjugate Chemistry, 2006, 17, 735-740.	1.8	36
63	Cannabinoid receptors and endocannabinoids: Evidence for new players. AAPS Journal, 2006, 8, E298-E306.	2.2	208
64	The Endocannabinoid System Promotes Astroglial Differentiation by Acting on Neural Progenitor Cells. Journal of Neuroscience, 2006, 26, 1551-1561.	1.7	225
65	Experimental autoimmune encephalomyelitis disrupts endocannabinoid-mediated neuroprotection. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 6362-6367.	3.3	121
66	Cannabinoid receptors and endocannabinoids: Evidence for new players. , 2006, 8, E298.		127
67	Cannabis Sativa: Getting closer to separating the medicinal properties from the drug of abuse. Journal of Neuroimmunology, 2005, 166, 1-2.	1.1	2
68	Identification and Functional Characterization of Brainstem Cannabinoid CB <sub>2</sub> Receptors. Science, 2005, 310, 329-332.	6.0	1,357
69	Cannabinol delays symptom onset in SOD1 (G93A) transgenic mice without affecting survival. Amyotrophic Lateral Sclerosis and Other Motor Neuron Disorders, 2005, 6, 182-184.	2.3	86
70	The endocannabinoid system drives neural progenitor proliferation. FASEB Journal, 2005, 19, 1704-1706.	0.2	291
71	Cannabinoid Signaling in Glial Cells in Health and Disease. Current Neuropharmacology, 2004, 2, 115-124.	1.4	6
72	ATP Induces a Rapid and Pronounced Increase in 2-Arachidonoylglycerol Production by Astrocytes, a Response Limited by Monoacylglycerol Lipase. Journal of Neuroscience, 2004, 24, 8068-8074.	1.7	108

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73	P2X7 receptors control 2-arachidonoylglycerol production by microglial cells. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 3214-3219.	3.3	174
74	Endocannabinoids accumulate in spinal cord of SOD1 G93A transgenic mice. Journal of Neurochemistry, 2004, 89, 1555-1557.	2.1	93
75	Cannabinoids and neuroinflammation. British Journal of Pharmacology, 2004, 141, 775-785.	2.7	281
76	Cannabinoid signaling in glial cells. Glia, 2004, 48, 267-277.	2.5	207
77	Arachidonylcyclopropylamide increases microglial cell migration through cannabinoid CB2 and abnormal-cannabidiol-sensitive receptors. European Journal of Pharmacology, 2003, 474, 195-198.	1.7	95
78	Endothelin-1 increases 2-arachidonoyl glycerol (2-AG) production in astrocytes. Glia, 2003, 44, 85-90.	2.5	79
79	Nonpsychotropic Cannabinoid Receptors Regulate Microglial Cell Migration. Journal of Neuroscience, 2003, 23, 1398-1405.	1.7	605
80	Palmitoylethanolamide Increases after Focal Cerebral Ischemia and Potentiates Microglial Cell Motility. Journal of Neuroscience, 2003, 23, 7767-7775.	1.7	232
81	Astrocytes in Culture Produce Anandamide and Other Acylethanolamides. Journal of Biological Chemistry, 2002, 277, 20869-20876.	1.6	162
82	Receptor-dependent formation of endogenous cannabinoids in cortical neurons. European Journal of Pharmacology, 2001, 425, 189-196.	1.7	204
83	Endogenous Cannabinoid Signaling. Neurobiology of Disease, 1998, 5, 462-473.	2.1	155
84	Evidence Supporting the Existence of an Activity-Dependent Astrocyte-Neuron Lactate Shuttle. Developmental Neuroscience, 1998, 20, 291-299.	1.0	610
85	Mechanism Involved in Initiation and Propagation of Receptor-Induced Intercellular Calcium Signaling in Cultured Rat Astrocytes. Journal of Neuroscience, 1997, 17, 1981-1992.	1.7	229
86	Interleukin-1 Enhances the ATP-Evoked Release of Arachidonic Acid from Mouse Astrocytes. Journal of Neuroscience, 1997, 17, 2939-2946.	1.7	84
87	A second endogenous cannabinoid that modulates long-term potentiation. Nature, 1997, 388, 773-778.	13.7	1,374
88	Vasoactive Intestinal Peptide (VIP) and Pituitary Adenylate Cyclase-activating Polypeptide (PACAP) Potentiate the Glutamate-evoked Release of Arachidonic Acid from Mouse Cortical Neurons. Journal of Biological Chemistry, 1996, 271, 23705-23710.	1.6	28