

CITATION REPORT

List of articles citing

Sildenafil (Viagra) ameliorates clinical symptoms and neuropathology in a mouse model of multiple sclerosis

DOI: 10.1007/s00401-010-0795-6

Acta Neuropathologica, 2011, 121, 499-508.

Source: <https://exaly.com/paper-pdf/51309868/citation-report.pdf>

Version: 2024-04-25

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
57	Potential for phosphodiesterase inhibitors in the management of autoimmune diseases. <i>Drug Development Research</i> , 2011 , 72, 772-778	5.1	1
56	Sildenafil improves epicenter vascular perfusion but not hindlimb functional recovery after contusive spinal cord injury in mice. <i>Journal of Neurotrauma</i> , 2012 , 29, 528-38	5.4	16
55	Regulation of injury-induced neurogenesis by nitric oxide. <i>Stem Cells International</i> , 2012 , 2012, 895659	5	19
54	Neuronal angiogenic effect of sildenafil citrate. <i>Human Andrology</i> , 2012 , 2, 75-77	1	1
53	PDE5 inhibitor treatment options for urologic and non-urologic indications: 2012 update. <i>Current Pharmaceutical Design</i> , 2012 , 18, 5590-606	3.3	14
52	Vinpocetine inhibits oligodendroglial precursor cell differentiation. <i>Cellular Physiology and Biochemistry</i> , 2012 , 30, 711-22	3.9	6
51	Sildenafil (Viagra [®]) down regulates cytokines and prevents demyelination in a cuprizone-induced MS mouse model. <i>Cytokine</i> , 2012 , 60, 540-51	4	48
50	Pilot study of salivary butyrylcholinesterase, phosphodiesterase, thiols and ceruloplasmin in auditory neuropathy. <i>Asian Pacific Journal of Tropical Disease</i> , 2012 , 2, S471-S474		
49	Progressive Multiple Sclerosis. 2013 ,		
48	Metallothioneins I/II are involved in the neuroprotective effect of sildenafil in focal brain injury. <i>Neurochemistry International</i> , 2013 , 62, 70-8	4.4	13
47	Inhibition of phosphodiesterase-5 rescues age-related impairment of synaptic plasticity and memory. <i>Behavioural Brain Research</i> , 2013 , 240, 11-20	3.4	48
46	Sildenafil (Viagra) protective effects on neuroinflammation: the role of iNOS/NO system in an inflammatory demyelination model. <i>Mediators of Inflammation</i> , 2013 , 2013, 321460	4.3	46
45	Arginine and immune function. 2013 , 523-543		2
44	Controlling immune response and demyelination using highly potent bifunctional peptide inhibitors in the suppression of experimental autoimmune encephalomyelitis. <i>Clinical and Experimental Immunology</i> , 2013 , 172, 23-36	6.2	8
43	Modulation of Adult Neurogenesis by the Nitric Oxide System. 2013 ,		2
42	An B integrin-binding peptide ameliorates symptoms of chronic progressive experimental autoimmune encephalomyelitis by alleviating neuroinflammatory responses in mice. <i>Journal of NeuroImmune Pharmacology</i> , 2014 , 9, 399-412	6.9	24
41	Role of iNOS-NO-cGMP signaling in modulation of inflammatory and myelination processes. <i>Brain Research Bulletin</i> , 2014 , 104, 60-73	3.9	34

40	Phosphodiesterase 5 inhibition at disease onset prevents experimental autoimmune encephalomyelitis progression through immunoregulatory and neuroprotective actions. <i>Experimental Neurology</i> , 2014 , 251, 58-71	5.7	39
39	The role of phosphodiesterase-5 inhibitors in prostatic inflammation: a review. <i>Journal of Inflammation</i> , 2015 , 12, 54	6.7	23
38	Phosphodiesterase-5 Inhibitors: Action on the Signaling Pathways of Neuroinflammation, Neurodegeneration, and Cognition. <i>Mediators of Inflammation</i> , 2015 , 2015, 940207	4.3	55
37	Involvement of AMPK, IKK β and eNOS in the sildenafil anti-inflammatory mechanism in a demyelination model. <i>Brain Research</i> , 2015 , 1627, 119-33	3.7	48
36	Sildenafil Decreases BACE1 and Cathepsin B Levels and Reduces APP Amyloidogenic Processing in the SAMP8 Mouse. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2015 , 70, 675-85	6.4	26
35	Toll-Like Receptor 2 Mediates In Vivo Pro- and Anti-inflammatory Effects of Mycobacterium Tuberculosis and Modulates Autoimmune Encephalomyelitis. <i>Frontiers in Immunology</i> , 2016 , 7, 191	8.4	13
34	In vivo administration of extracellular cGMP normalizes TNF- α and membrane expression of AMPA receptors in hippocampus and spatial reference memory but not IL-1 β /NMDA receptors in membrane and working memory in hyperammonemic rats. <i>Brain, Behavior, and Immunity</i> , 2016 , 57, 360-370	16.6	25
33	Sildenafil (Viagra ®) prevents and restores LPS-induced inflammation in astrocytes. <i>Neuroscience Letters</i> , 2016 , 630, 59-65	3.3	14
32	Auraptene induces oligodendrocyte lineage precursor cells in a cuprizone-induced animal model of demyelination. <i>Brain Research</i> , 2016 , 1639, 28-37	3.7	6
31	Phosphodiesterase-5 inhibition promotes remyelination by MCP-1/CCR-2 and MMP-9 regulation in a cuprizone-induced demyelination model. <i>Experimental Neurology</i> , 2016 , 275 Pt 1, 143-53	5.7	17
30	NF- κ B Upregulates Type 5 Phosphodiesterase in N9 Microglial Cells: Inhibition by Sildenafil and Yonkenafil. <i>Molecular Neurobiology</i> , 2016 , 53, 2647-58	6.2	12
29	Non-Sexual Implications of Phosphodiesterase Type 5 Inhibitors. <i>Sexual Medicine Reviews</i> , 2017 , 5, 170-198	9.0	11
28	Sildenafil, a Phosphodiesterase Type 5 Inhibitor, Downregulates Osteopontin in Human Peripheral Blood Mononuclear Cells. <i>Archivum Immunologiae Et Therapiae Experimentalis</i> , 2017 , 65, 347-353	4	3
27	Neuroprotective potential of high-dose biotin. <i>Medical Hypotheses</i> , 2017 , 109, 145-149	3.8	20
26	The Role of NO/cGMP Signaling on Neuroinflammation: A New Therapeutic Opportunity. 2017 ,		3
25	Pharmacological Modulation of Functional Phenotypes of Microglia in Neurodegenerative Diseases. <i>Frontiers in Aging Neuroscience</i> , 2017 , 9, 139	5.3	81
24	Sildenafil Can Affect Innate and Adaptive Immune System in Both Experimental Animals and Patients. <i>Journal of Immunology Research</i> , 2017 , 2017, 4541958	4.5	25
23	Sildenafil citrate on experimental periodontitis in rats: Microtomographic and histological analyses. <i>Oral Diseases</i> , 2018 , 24, 1073-1082	3.5	3

22	Sildenafil protective effects on high glucose-induced neurotoxicity in PC12 cells: the role of oxidative stress, apoptosis, and inflammation pathways in an in vitro cellular model for diabetic neuropathy. <i>Neurological Research</i> , 2018 , 40, 624-636	2.7	13
21	Progressive Multiple Sclerosis. 2018 ,		
20	Mechanisms Involved in the Remyelinating Effect of Sildenafil. <i>Journal of NeuroImmune Pharmacology</i> , 2018 , 13, 6-23	6.9	7
19	Sildenafil ameliorates EAE by decreasing apoptosis in the spinal cord of C57BL/6 mice. <i>Journal of Neuroimmunology</i> , 2018 , 321, 125-137	3.5	17
18	Renoprotective effect of local sildenafil administration in renal ischaemia-reperfusion injury: A randomised controlled canine study. <i>Arab Journal of Urology Arab Association of Urology</i> , 2019 , 17, 150-159	1.7	8
17	Peripheral inflammation induces neuroinflammation that alters neurotransmission and cognitive and motor function in hepatic encephalopathy: Underlying mechanisms and therapeutic implications. <i>Acta Physiologica</i> , 2019 , 226, e13270	5.6	29
16	Sildenafil Inhibits Myelin Expression and Myelination of Oligodendroglial Precursor Cells. <i>ASN Neuro</i> , 2019 , 11, 1759091419832444	5.3	5
15	Pharmacological Targeting of Microglial Activation: New Therapeutic Approach. <i>Frontiers in Cellular Neuroscience</i> , 2019 , 13, 514	6.1	56
14	Differentiation of human neuroblastoma cell line IMR-32 by sildenafil and its newly discovered analogue IS00384. <i>Cellular Signalling</i> , 2020 , 65, 109425	4.9	5
13	Blocking glycine receptors reduces neuroinflammation and restores neurotransmission in cerebellum through ADAM17-TNFR1-NF- κ B pathway. <i>Journal of Neuroinflammation</i> , 2020 , 17, 269	10.1	4
12	The Potent PDE10A Inhibitor MP-10 (PF-2545920) Suppresses Microglial Activation in LPS-Induced Neuroinflammation and MPTP-Induced Parkinson's Disease Mouse Models. <i>Journal of NeuroImmune Pharmacology</i> , 2021 , 16, 470-482	6.9	4
11	Sildenafil beyond erectile dysfunction and pulmonary arterial hypertension: Thinking about new indications. <i>Fundamental and Clinical Pharmacology</i> , 2021 , 35, 235-259	3.1	7
10	Effect of Mitochondrial Antioxidant (Mito-TEMPO) on Burn-Induced Cardiac Dysfunction. <i>Journal of the American College of Surgeons</i> , 2021 , 232, 642-655	4.4	4
9	Sildenafil Alleviates Murine Experimental Autoimmune Encephalomyelitis by Triggering Autophagy in the Spinal Cord. <i>Frontiers in Immunology</i> , 2021 , 12, 671511	8.4	0
8	Effect of sildenafil on neuroinflammation and synaptic plasticity pathways in experimental autoimmune encephalomyelitis. <i>International Immunopharmacology</i> , 2020 , 85, 106581	5.8	3
7	Symptomatic Treatment for Progressive Multiple Sclerosis. 2013 , 147-186		
6	Symptomatic Treatment for Progressive Multiple Sclerosis. 2018 , 155-205		
5	Mechanisms Involved in Microglial-Interceded Alzheimer's Disease and Nanocarrier-Based Treatment Approaches. <i>Journal of Personalized Medicine</i> , 2021 , 11,	3.6	2

- 4 The Role of Sildenafil in Treating Brain Injuries in Adults and Neonates. *Frontiers in Cellular Neuroscience*, **2022**, 16, 6.1 2
- 3 Emerging Therapeutic Approaches for Neurodegenerative Diseases. **2022**, 161-198
- 2 Myelin repair in Alzheimer's disease: a review of biological pathways and potential therapeutics. **2022**, 11, 1
- 1 Sildenafil reduces bisphosphonate-induced jaw osteonecrosis in rats. 0