Farida Sohrabji

List of Publications by Year
in descending order

95 papers	6,127 citations	94433 37 h-index	71685 76 g-index
97 all docs	97 docs citations	97 times ranked	6151 citing authors

#	Article	IF	Citations
1	Functional Assessment of Stroke-Induced Regulation of miR-20a-3p and Its Role as a Neuroprotectant. Translational Stroke Research, 2022, 13, 432-448.	4.2	11
2	Impact of intestinal disorders on central and peripheral nervous system diseases. Neurobiology of Disease, 2022, 165, 105627.	4.4	17
3	Sex Differences in the Long-Term Consequences of Stroke. Current Topics in Behavioral Neurosciences, 2022, , 1.	1.7	0
4	Activation of G protein-coupled estrogen receptor fine-tunes age-related decreased vascular activities in the aortae of female and male rats. Steroids, 2022, 183, 108997.	1.8	2
5	June Literature Synopsis. Stroke, 2022, 53, .	2.0	0
6	Sex differences in the diathetic effects of shift work schedules on circulating cytokine levels and pathological outcomes of ischemic stroke during middle age. Neurobiology of Sleep and Circadian Rhythms, 2022, 13, 100079.	2.8	3
7	Sex differences in stroke outcome correspond to rapid and severe changes in gut permeability in adult Sprague-Dawley rats. Biology of Sex Differences, 2021, 12, 14.	4.1	31
8	New directions in behavioral neuroscience: Sometimes old is new. Neuroscience and Biobehavioral Reviews, 2021, 125, 108-109.	6.1	0
9	Prenatal alcohol-induced sex differences in immune, metabolic and neurobehavioral outcomes in adult rats. Brain, Behavior, and Immunity, 2021, 98, 86-100.	4.1	21
10	New Mechanistic Insights, Novel Treatment Paradigms, and Clinical Progress in Cerebrovascular Diseases. Frontiers in Aging Neuroscience, 2021, 13, 623751.	3.4	17
11	The promises and pitfalls of sex difference research. Frontiers in Neuroendocrinology, 2020, 56, 100817.	5.2	50
12	Reproductive Senescence and Ischemic Stroke Remodel the Gut Microbiome and Modulate the Effects of Estrogen Treatment in Female Rats. Translational Stroke Research, 2020, 11, 812-830.	4.2	36
13	Mir363-3p Treatment Attenuates Long-Term Cognitive Deficits Precipitated by an Ischemic Stroke in Middle-Aged Female Rats. Frontiers in Aging Neuroscience, 2020, 12, 586362.	3.4	13
14	Sex differences in stroke co-morbidities. Experimental Neurology, 2020, 332, 113384.	4.1	38
15	Gonadal hormones and stroke risk: PCOS as a case study. Frontiers in Neuroendocrinology, 2020, 58, 100853.	5.2	14
16	Abstract TMP33: Repair of Ischemic Intestinal Epithelial Stem Cells: Potential Therapy to Improve Stroke Outcomes. Stroke, 2020, 51, .	2.0	0
17	Age and sex differences in post-ischemic outcome and therapy. Neurochemistry International, 2019, 127, 104472.	3.8	1
18	Morphine increases macrophages at the lesion site following spinal cord injury: Protective effects of minocycline. Brain, Behavior, and Immunity, 2019, 79, 125-138.	4.1	28

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19	Sex differences in miRNA as therapies for ischemic stroke. Neurochemistry International, 2019, 127, 56-63.	3.8	20
20	Sex hormones and stroke: Beyond estrogens. Hormones and Behavior, 2019, 111, 87-95.	2.1	30
21	Mir363-3p attenuates post-stroke depressive-like behaviors in middle-aged female rats. Brain, Behavior, and Immunity, 2019, 78, 31-40.	4.1	25
22	Insulin-like Growth Factor (IGF)-1 treatment stabilizes the microvascular cytoskeleton under ischemic conditions. Experimental Neurology, 2019, 311, 162-172.	4.1	28
23	Sex differences in the brain: Implications for behavioral and biomedical research. Neuroscience and Biobehavioral Reviews, 2018, 85, 126-145.	6.1	170
24	Why estrogens matter for behavior and brain health. Neuroscience and Biobehavioral Reviews, 2017, 76, 363-379.	6.1	123
25	Astrocyteâ€specific insulinâ€like growth factorâ€1 gene transfer in aging female rats improves stroke outcomes. Glia, 2017, 65, 1043-1058.	4.9	45
26	Fetal Alcohol Exposure Alters Blood Flow and Neurological Responses to Transient Cerebral Ischemia in Adult Mice. Alcoholism: Clinical and Experimental Research, 2017, 41, 117-127.	2.4	25
27	Stroke triggers nigrostriatal plasticity and increases alcohol consumption in rats. Scientific Reports, 2017, 7, 2501.	3.3	20
28	Sex differences in stroke: Review of current knowledge and evidence. Vascular Medicine, 2017, 22, 135-145.	1.5	108
29	Mir363-3p improves ischemic stroke outcomes in female but not male rats. Neurochemistry International, 2017, 107, 168-181.	3.8	37
30	Prospects of modeling poststroke epileptogenesis. Journal of Neuroscience Research, 2017, 95, 1000-1016.	2.9	38
31	Considering sex as a biological variable in preclinical research. FASEB Journal, 2017, 31, 29-34.	0.5	285
32	Sex differences in stroke therapies. Journal of Neuroscience Research, 2017, 95, 681-691.	2.9	64
33	Sex Differences in Neurological Diseases. , 2016, , 297-323.		4
34	Sex and the Lab: An Alcoholâ€Focused Commentary on the <scp>NIH</scp> Initiative to Balance Sex in Cell and Animal Studies. Alcoholism: Clinical and Experimental Research, 2016, 40, 1182-1191.	2.4	28
35	The histone deacetylase inhibitor, sodium butyrate, exhibits neuroprotective effects for ischemic stroke in middle-aged female rats. Journal of Neuroinflammation, 2016, 13, 300.	7.2	104
36	Sex Differences in the Impact of Shift Work Schedules on Pathological Outcomes in an Animal Model of Ischemic Stroke. Endocrinology, 2016, 157, 2836-2843.	2.8	21

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37	Insulin-Like Growth Factor (IGF)-I Modulates Endothelial Blood-Brain Barrier Function in Ischemic Middle-Aged Female Rats. Endocrinology, 2016, 157, 61-69.	2.8	38
38	Astrocytic response to cerebral ischemia is influenced by sex differences and impaired by aging. Neurobiology of Disease, 2016, 85, 245-253.	4.4	71
39	The Impact of Aging on Ischemic Stroke. , 2016, , 161-196.		0
40	Histone methylation patterns in astrocytes are influenced by age following ischemia. Epigenetics, 2015, 10, 142-152.	2.7	57
41	Cerebrovascular Stroke. , 2015, , 125-141.		2
42	Estrogen-IGF-1 interactions in neuroprotection: Ischemic stroke as a case study. Frontiers in Neuroendocrinology, 2015, 36, 1-14.	5.2	61
43	Circulating miRNA profiles provide a biomarker for severity of stroke outcomes associated with age and sex in a rat model. Clinical Science, 2014, 127, 77-89.	4.3	90
44	Blood Brain Barrier and Neuroinflammation Are Critical Targets of IGF-1-Mediated Neuroprotection in Stroke for Middle-Aged Female Rats. PLoS ONE, 2014, 9, e91427.	2.5	82
45	Age-related changes in brain support cells: Implications for stroke severity. Neurochemistry International, 2013, 63, 291-301.	3.8	58
46	Revisiting the timing hypothesis: Biomarkers that define the therapeutic window of estrogen for stroke. Hormones and Behavior, 2013, 63, 222-230.	2.1	19
47	Editorial. Hormones and Behavior, 2013, 63, 191-192.	2.1	0
48	Stroke Neuroprotection: Oestrogen and <scp>Insulinâ€Like Growth Factor</scp>â€1 Interactions and the Role of Microglia. Journal of Neuroendocrinology, 2013, 25, 1173-1181.	2.6	43
49	Vitamin D Deficiency Exacerbates Experimental Stroke Injury and Dysregulates Ischemia-Induced Inflammation in Adult Rats. Endocrinology, 2012, 153, 2420-2435.	2.8	119
50	Age-related severity of focal ischemia in female rats is associated with impaired astrocyte function. Neurobiology of Aging, 2012, 33, 1123.e1-1123.e16.	3.1	29
51	An Antagomir to MicroRNA Let7f Promotes Neuroprotection in an Ischemic Stroke Model. PLoS ONE, 2012, 7, e32662.	2.5	212
52	Vascular and metabolic dysfunction in Alzheimer's disease: a review. Experimental Biology and Medicine, 2011, 236, 772-782.	2.4	93
53	A high cholesterol diet elevates hippocampal cytokine expression in an age and estrogen-dependent manner in female rats. Journal of Neuroimmunology, 2010, 223, 31-38.	2.3	11
54	The Neurotoxic Effects of Estrogen on Ischemic Stroke in Older Female Rats Is Associated with Age-Dependent Loss of Insulin-Like Growth Factor-1. Journal of Neuroscience, 2010, 30, 6852-6861.	3.6	117

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55	Reproductive age modulates the impact of focal ischemia on the forebrain as well as the effects of estrogen treatment in female rats. Neurobiology of Aging, 2010, 31, 1618-1628.	3.1	122
56	Reproductive age-related changes in the blood brain barrier: Expression of IgG and tight junction proteins. Microvascular Research, 2009, 78, 413-424.	2.5	71
57	Astrocytes from acyclic female rats exhibit lowered capacity for neuronal differentiation. Aging Cell, 2008, 7, 836-849.	6.7	8
58	Effects of estrogen receptor agonists on regulation of the inflammatory response in astrocytes from young adult and middle-aged female rats. Journal of Neuroimmunology, 2008, 195, 47-59.	2.3	97
59	Premenopausal Oophorectomy and the Risk for Dementia. Women's Health, 2008, 4, 127-131.	1.5	5
60	Estrogen Receptor-Î± Overexpression Suppresses 17Î²-Estradiol-Mediated Vascular Endothelial Growth Factor Expression and Activation of Survival Kinases. Endocrinology, 2008, 149, 3881-3889.	2.8	17
61	Adverse effects of incorporating ketoprofen into established rodent studies. Journal of the American Association for Laboratory Animal Science, 2008, 47, 20-4.	1.2	17
62	Ethanol Regulates Angiogenic Cytokines During Neural Development: Evidence From an in Vitro Model of Mitogenâ€Withdrawalâ€"Induced Cerebral Cortical Neuroepithelial Differentiation. Alcoholism: Clinical and Experimental Research, 2007, 31, 324-335.	2.4	29
63	Guarding the Bloodâ€"Brain Barrier: A Role for Estrogen in the Etiology of Neurodegenerative Disease. Gene Expression, 2006, 13, 311-319.	1.2	30
64	Age-Related Changes in Neuroprotection: Is Estrogen Pro-inflammatory for the Reproductive Senescent Brain?. Endocrine, 2006, 29, 191-198.	2.2	26
65	Estrogenâ€"BDNF interactions: Implications for neurodegenerative diseases. Frontiers in Neuroendocrinology, 2006, 27, 404-414.	5.2	238
66	Temporal expression of IL-1Î² protein and mRNA in the brain after systemic LPS injection is affected by age and estrogen. Journal of Neuroimmunology, 2006, 174, 82-91.	2.3	37
67	Estrogen: A Neuroprotective or Proinflammatory Hormone? Emerging Evidence from Reproductive Aging Models. Annals of the New York Academy of Sciences, 2005, 1052, 75-90.	3.8	36
68	The neurotrophin receptor p75NTR mediates early anti-inflammatory effects of estrogen in the forebrain of young adult rats. BMC Neuroscience, 2005, 6, 58.	1.9	20
69	Estrogen's effects on central and circulating immune cells vary with reproductive age. Neurobiology of Aging, 2005, 26, 1365-1374.	3.1	45
70	17Î²-Estradiol Differentially Regulates Blood-Brain Barrier Permeability in Young and Aging Female Rats. Endocrinology, 2004, 145, 5471-5475.	2.8	144
71	Differential effects of estrogen in the injured forebrain of young adult and reproductive senescent animals. Neurobiology of Aging, 2003, 24, 733-743.	3.1	79
72	Estrogen Enhances Retrograde Transport of Brain-Derived Neurotrophic Factor in the Rodent Forebrain. Endocrinology, 2003, 144, 5022-5029.	2.8	35

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73	Developmental and hormonal regulation of NR2A mRNA in forebrain regions controlling avian vocal learning. Journal of Neurobiology, 2002, 51, 149-159.	3.6	29
74	Neurodegeneration in women. Alcohol Research, 2002, 26, 316-8.	1.0	2
75	NGF Stimulation Increases JNK2 Phosphorylation and Reduces Caspase-3 Activity in the Olfactory Bulb of Estrogen-Replaced Animals. Endocrinology, 2001, 142, 2401-2404.	2.8	19
76	NGF Stimulation Increases JNK2 Phosphorylation and Reduces Caspase-3 Activity in the Olfactory Bulb of Estrogen-Replaced Animals. Endocrinology, 2001, 142, 2401-2401.	2.8	12
77	Local and cortical effects of olfactory bulb lesions on trophic support and cholinergic function and their modulation by estrogen. Journal of Neurobiology, 2000, 45, 61-74.	3.6	34
78	Region- and peptide-specific regulation of the neurotrophins by estrogen. Molecular Brain Research, 2000, 85, 77-84.	2.3	102
79	Fas/Apo [Apoptosis]-1 and Associated Proteins in the Differentiating Cerebral Cortex: Induction of Caspase-Dependent Cell Death and Activation of NF-ÎºB. Journal of Neuroscience, 1999, 19, 1754-1770.	3.6	138
80	Alcohol exposure during the first two trimesters equivalent alters granule cell number and neurotrophin expression in the developing rat olfactory bulb. , 1999, 41, 414-423.		67
81	Expression of Brain-Derived Neurotrophic Factor and Its Cognate Receptor, TrkB, in the Rat Suprachiasmatic Nucleus. Experimental Neurology, 1998, 151, 184-193.	4.1	46
82	Hormone replacement: therapeutic strategies in the treatment of Alzheimerâ€™s disease and ageing-related cognitive disorders. Expert Opinion on Therapeutic Patents, 1997, 7, 611-629.	5.0	5
83	Chapter 2. Gonadal Steroid Receptors: Possible Roles in the Etiology and Therapy of Cognitive and Neurological Disorders. Annual Reports in Medicinal Chemistry, 1996, 31, 11-20.	0.9	8
84	Nerve growth factor (NGF) regulation of estrogen receptors in explant cultures of the developing forebrain. , 1996, 31, 77-87.		54
85	Identification of a putative estrogen response element in the gene encoding brain-derived neurotrophic factor.. Proceedings of the National Academy of Sciences of the United States of America, 1995, 92, 11110-11114.	7.1	501
86	Reciprocal regulation of estrogen and NGF receptors by their ligands in PC12 cells. Journal of Neurobiology, 1994, 25, 974-988.	3.6	143
87	Interactions of Estrogen with the Neurotrophins and Their Receptors during Neural Development. Hormones and Behavior, 1994, 28, 367-375.	2.1	104
88	Estrogen Differentially Regulates Estrogen and Nerve Growth Factor Receptor mRNAs in Adult Sensory Neurons. Obstetrical and Gynecological Survey, 1994, 49, 495-497.	0.4	1
89	Characterization of neurons born and incorporated into a vocal control nucleus during avian song learning. Brain Research, 1993, 620, 335-338.	2.2	34
90	Presumptive Estrogen Target Neurons Express mRNAs for both the Neurotrophins and Neurotrophin Receptors: A Basis for Potential Developmental Interactions of Estrogen with the Neurotrophins. Molecular and Cellular Neurosciences, 1993, 4, 510-525.	2.2	93

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91	Neuronal colocalization of mRNAs for neurotrophins and their receptors in the developing central nervous system suggests a potential for autocrine interactions.. Proceedings of the National Academy of Sciences of the United States of America, 1993, 90, 6439-6443.	7.1	242
92	Estrogen receptors colocalize with low-affinity nerve growth factor receptors in cholinergic neurons of the basal forebrain.. Proceedings of the National Academy of Sciences of the United States of America, 1992, 89, 4668-4672.	7.1	429
93	Selective impairment of song learning following lesions of a forebrain nucleus in the juvenile zebra finch. Behavioral and Neural Biology, 1990, 53, 51-63.	2.2	397
94	Projections of androgen-accumulating neurons in a nucleus controlling avian song. Brain Research, 1989, 488, 253-259.	2.2	52
95	August Literature Synopsis. Stroke, 0, , .	2.0	0