Fan-Gang Meng

List of Publications by Year
in descending order

43 papers	1,089 citations	430754 18 h-index	434063 31 g-index
45 all docs	45 docs citations	45 times ranked	1482 citing authors

#	Article	IF	Citations
1	Subthalamic nucleus-deep brain stimulation improves autonomic dysfunctions in Parkinsonâ€™s disease. BMC Neurology, 2022, 22, 124.	0.8	2
2	Basal Ganglia Pathways Associated With Therapeutic Pallidal Deep Brain Stimulation for Tourette Syndrome. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2021, 6, 961-972.	1.1	12
3	Relationship between electrode position of deep brain stimulation and motor symptoms of Parkinsonâ€™s disease. BMC Neurology, 2021, 21, 122.	0.8	21
4	Clinical Application of a Neurosurgical Robot in Intracranial Ommaya Reservoir Implantation. Frontiers in Neurorobotics, 2021, 15, 638633.	1.6	8
5	Hippocampus chronic deep brain stimulation induces reversible transcript changes in a macaque model of mesial temporal lobe epilepsy. Chinese Medical Journal, 2021, 134, 1845-1854.	0.9	2
6	The Clinical Application of Robot-Assisted Ventriculoperitoneal Shunting in the Treatment of Hydrocephalus. Frontiers in Neuroscience, 2021, 15, 685142.	1.4	4
7	A Bulk Retrospective Study of Robot-Assisted Stereotactic Biopsies of Intracranial Lesions Guided by Videometric Tracker. Frontiers in Neurology, 2021, 12, 682733.	1.1	6
8	Integrated analysis of exosomal lncRNA and mRNA expression profiles reveals the involvement of lncâ€MKRN2â€42:1 in the pathogenesis of Parkinson's disease. CNS Neuroscience and Therapeutics, 2020, 26, 527-537.	1.9	54
9	Pallidal versus subthalamic nucleus deep brain stimulation for levodopaâ€induced dyskinesia. Annals of Clinical and Translational Neurology, 2020, 7, 59-68.	1.7	36
10	Deep brain stimulation and other surgical modalities for the management of essential tremor. Expert Review of Medical Devices, 2020, 17, 817-833.	1.4	6
11	Multidisciplinary Telemedicine Care for Tourette Syndrome: Minireview. Frontiers in Neurology, 2020, 11, 573576.	1.1	6
12	Electromyography Biomarkers for Quantifying the Intraoperative Efficacy of Deep Brain Stimulation in Parkinson's Patients With Resting Tremor. Frontiers in Neurology, 2020, 11, 142.	1.1	10
13	The lncRNA H19 binding to letâ€7b promotes hippocampal glial cell activation and epileptic seizures by targeting Stat3 in a rat model of temporal lobe epilepsy. Cell Proliferation, 2020, 53, e12856.	2.4	33
14	Integrated transcriptome expression profiling reveals a novel lncRNA associated with L-DOPA-induced dyskinesia in a rat model of Parkinsonâ€™s disease. Aging, 2020, 12, 718-739.	1.4	7
15	Image-based analysis and long-term clinical outcomes of deep brain stimulation for Tourette syndrome: a multisite study. Journal of Neurology, Neurosurgery and Psychiatry, 2019, 90, 1078-1090.	0.9	81
16	Gene Expression Profiling of Two Epilepsy Models Reveals the ECM/Integrin signaling Pathway is Involved in Epiletogenesis. Neuroscience, 2019, 396, 187-199.	1.1	18
17	High Frequency Bilateral Globus Pallidus Interna Deep Brain Stimulation Can Improve Both Chorea and Dysarthria in Chorea-acanthocytosis. Parkinsonism and Related Disorders, 2019, 62, 248-250.	1.1	4
18	Metabolic covariance networks combining graph theory measuring aberrant topological patterns in mesial temporal lobe epilepsy. CNS Neuroscience and Therapeutics, 2019, 25, 396-408.	1.9	19

#	Article	IF	Citations
19	The Metabolic Activity of Caudate and Prefrontal Cortex Negatively Correlates with the Severity of Idiopathic Parkinsonâ€™s Disease. , 2019, 10, 847.		19
20	Efficacy and Safety of Deep Brain Stimulation in Tourette Syndrome. JAMA Neurology, 2018, 75, 353.	4.5	186
21	LncRNA H19 contributes to hippocampal glial cell activation via JAK/STAT signaling in a rat model of temporal lobe epilepsy. Journal of Neuroinflammation, 2018, 15, 103.	3.1	93
22	Subthalamic nucleus deep brain stimulation protects neurons by activating autophagy via PP2A inactivation in a rat model of Parkinson's disease. Experimental Neurology, 2018, 306, 232-242.	2.0	19
23	Long non-coding RNA H19 contributes to apoptosis of hippocampal neurons by inhibiting let-7b in a rat model of temporal lobe epilepsy. Cell Death and Disease, 2018, 9, 617.	2.7	75
24	Abnormal hippocampal functional network and related memory impairment in pilocarpineâ€treated rats. Epilepsia, 2018, 59, 1785-1795.	2.6	17
25	Focal cervical dystonia presents in the setting of acute cerebellar hemorrhage. Journal of the Neurological Sciences, 2017, 375, 307-308.	0.3	4
26	Whole-transcriptome screening reveals the regulatory targets and functions of long non-coding RNA H19 in epileptic rats. Biochemical and Biophysical Research Communications, 2017, 489, 262-269.	1.0	19
27	Variable frequency stimulation of subthalamic nucleus in Parkinson's disease: Rationale and hypothesis. Parkinsonism and Related Disorders, 2017, 39, 27-30.	1.1	25
28	Risk of post-traumatic epilepsy after severe head injury in patients with at least one seizure. Neuropsychiatric Disease and Treatment, 2017, Volume 13, 2301-2306.	1.0	15
29	Ictal heart rate changes and the effects of vagus nerve stimulation for patients with refractory epilepsy. Neuropsychiatric Disease and Treatment, 2017, Volume 13, 2351-2356.	1.0	7
30	Internal Pallidum and Subthalamic Nucleus Deep Brain Stimulation for Oromandibular Dystonia. Chinese Medical Journal, 2016, 129, 1619-1620.	0.9	4
31	The International Deep Brain Stimulation Registry and Database for Gilles de la Tourette Syndrome: How Does It Work?. Frontiers in Neuroscience, 2016, 10, 170.	1.4	55
32	Comparison of heart rate changes with ictal tachycardia seizures in adults and children. Child's Nervous System, 2016, 32, 689-695.	0.6	7
33	High-frequency stimulation of the hippocampus protects against seizure activity and hippocampal neuronal apoptosis induced by kainic acid administration in macaques. Neuroscience, 2014, 256, 370-378.	1.1	28
34	Long-term Outcome of Globus Pallidus Internus Deep Brain Stimulation in Patients With Tourette Syndrome. Mayo Clinic Proceedings, 2014, 89, 1506-1514.	1.4	45
35	Electrical stimulation of hippocampus for the treatment of refractory temporal lobe epilepsy. Brain Research Bulletin, 2014, 109, 13-21.	1.4	39
36	Heart rate changes in partial seizures: analysis of influencing factors among refractory patients. BMC Neurology, 2014, 14, 135.	0.8	21

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37	Delayed complications after Gamma Knife surgery for intractable epilepsy. Journal of Clinical Neuroscience, 2014, 21, 1525-1528.	0.8	9
38	Using electroacupuncture at acupoints to predict the efficacy of hippocampal high-frequency electrical stimulation in pharmacoresistant temporal lobe epilepsy patients. Medical Hypotheses, 2013, 80, 244-246.	0.8	9
39	Neuroprotective effects of electrical stimulation of the anterior nucleus of the thalamus for hippocampus neurons in intractable epilepsy. Medical Hypotheses, 2013, 80, 517-519.	0.8	5
40	A Macaque Model of Mesial Temporal Lobe Epilepsy Induced by Unilateral Intrahippocampal Injection of Kainic Acid. PLoS ONE, 2013, 8, e72336.	1.1	37
41	Deep brain stimulation of the subthalamic nucleus for essential tremor. Chinese Medical Journal, 2013, 126, 395-6.	0.9	0
42	Essential tremor: treatment with deep brain stimulation of the ventral intermediate nucleus of the thalamus. Chinese Medical Journal, 2013, 126, 1192-3.	0.9	1
43	Virtual reality imaging technique in percutaneous radiofrequency rhizotomy for intractable trigeminal neuralgia. Journal of Clinical Neuroscience, 2009, 16, 449-451.	0.8	21