

Thyagarajan Subramanian

List of Publications by Year in descending order

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Version: 2024-02-01

46
papers

1,408
citations

430442

18
h-index

360668

35
g-index

46
all docs

46
docs citations

46
times ranked

1688
citing authors

#	ARTICLE	IF	CITATIONS
1	A Randomized Clinical Trial of High-Dosage Coenzyme Q10 in Early Parkinson Disease. <i>JAMA Neurology</i> , 2014, 71, 543.	4.5	312
2	Complications of Gamma Knife Surgery for Parkinson Disease. <i>Archives of Neurology</i> , 2001, 58, 1995.	4.9	132
3	Intrastratial Implantation of Human Retinal Pigment Epithelial Cells Attached to Microcarriers in Advanced Parkinson Disease. <i>Archives of Neurology</i> , 2005, 62, 1833.	4.9	126
4	A water extract of <i>Mucuna pruriens</i> provides long-term amelioration of parkinsonism with reduced risk for dyskinesias. <i>Parkinsonism and Related Disorders</i> , 2010, 16, 458-465.	1.1	78
5	Striatal Xenotransplantation of Human Retinal Pigment Epithelial Cells Attached to Microcarriers in Hemiparkinsonian Rats Ameliorates Behavioral Deficits without Provoking a Host Immune Response. <i>Cell Transplantation</i> , 2002, 11, 207-214.	1.2	63
6	Intrathecal Baclofen Management of Poststroke Spastic Hypertonia: Implications for Function and Quality of Life. <i>Archives of Physical Medicine and Rehabilitation</i> , 2006, 87, 1509-1515.	0.5	58
7	MRI evaluation of asymmetry of nigrostriatal damage in the early stage of early-onset Parkinson's disease. <i>Parkinsonism and Related Disorders</i> , 2015, 21, 590-596.	1.1	56
8	Implantation of Spheramine $\tilde{A}\tilde{f}\tilde{A}\tilde{C}$ in advanced Parkinson's disease (PD). <i>Frontiers in Bioscience - Landmark</i> , 2004, 9, 592.	3.0	53
9	Cell Transplantation for the Treatment of Parkinson's Disease. <i>Seminars in Neurology</i> , 2001, 21, 103-116.	0.5	43
10	The Antiparkinsonian and Antidyskinetic Mechanisms of <i>Mucuna pruriens</i> in the MPTP-Treated Nonhuman Primate. <i>Evidence-based Complementary and Alternative Medicine</i> , 2012, 2012, 1-10.	0.5	40
11	The interhemispheric connections of the striatum: Implications for Parkinson's disease and drug-induced dyskinesias. <i>Brain Research Bulletin</i> , 2012, 87, 1-9.	1.4	37
12	Effect of Stereotaxic Intrastratial Cografts of Autologous Adrenal Medulla and Peripheral Nerve in Parkinson's Disease: Two-Year Follow-up Study. <i>Experimental Neurology</i> , 1997, 147, 510-517.	2.0	32
13	The Future of GDNF in Parkinson's Disease. <i>Frontiers in Aging Neuroscience</i> , 2020, 12, 593572.	1.7	30
14	The effects of chronic levodopa treatments on the neuronal firing properties of the subthalamic nucleus and substantia nigra reticulata in hemiparkinsonian rhesus monkeys. <i>Experimental Neurology</i> , 2011, 228, 53-58.	2.0	29
15	The immunological challenges of cell transplantation for the treatment of Parkinson's disease. <i>Brain Research Bulletin</i> , 2012, 88, 320-331.	1.4	25
16	An Update on Medical and Surgical Treatments of Parkinson's Disease. , 2021, 12, 1021.		25
17	Uptake of telehealth in Parkinson's disease clinical care and research during the COVID-19 pandemic. <i>Parkinsonism and Related Disorders</i> , 2021, 86, 97-100.	1.1	23
18	MRI guidance improves accuracy of stereotaxic targeting for cell transplantation in parkinsonian monkeys. <i>Experimental Neurology</i> , 2005, 193, 172-180.	2.0	22

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19	Anesthetic protocol: propofol use in Rhesus macaques (<i>Macaca mulatta</i>) during magnetic resonance imaging with stereotactic head frame application. <i>Brain Research Protocols</i> , 2001, 7, 87-93.	1.7	21
20	The effect of levetiracetam on levodopa induced dyskinesia in patients with Parkinson's disease. <i>Parkinsonism and Related Disorders</i> , 2005, 11, 333-334.	1.1	19
21	Dyskinesias do not develop after chronic intermittent levodopa therapy in clinically hemiparkinsonian rhesus monkeys. <i>Parkinsonism and Related Disorders</i> , 2011, 17, 34-39.	1.1	19
22	Electrophysiological localization of the substantia nigra in the parkinsonian nonhuman primate. <i>Journal of Neurosurgery</i> , 2000, 93, 704-710.	0.9	18
23	Pathophysiological basis of drug-induced dyskinesias in Parkinson's disease. <i>Brain Research Reviews</i> , 2005, 50, 156-168.	9.1	18
24	The effect of striatal dopaminergic grafts on the neuronal activity in the substantia nigra pars reticulata and subthalamic nucleus in hemiparkinsonian rats. <i>Brain</i> , 2011, 134, 3276-3289.	3.7	18
25	Polysomnographic Features of Sleep Disturbances and REM Sleep Behavior Disorder in the Unilateral 6-OHDA Lesioned Hemiparkinsonian Rat. <i>Parkinson's Disease</i> , 2014, 2014, 1-8.	0.6	12
26	Effects of botulinum toxin-B (BTX-B) injections for hemifacial spasm. <i>Parkinsonism and Related Disorders</i> , 2004, 10, 455-456.	1.1	11
27	Detection of MPTP-Induced Substantia Nigra Hyperechogenicity in Rhesus Monkeys by Transcranial Ultrasound. <i>Ultrasound in Medicine and Biology</i> , 2010, 36, 604-609.	0.7	11
28	Manual rat sleep classification in principal component space. <i>Neuroscience Letters</i> , 2010, 469, 97-101.	1.0	10
29	Capgras Syndrome in a Patient with Parkinson's Disease after Bilateral Subthalamic Nucleus Deep Brain Stimulation: A Case Report. <i>Case Reports in Neurology</i> , 2015, 7, 127-133.	0.3	10
30	Transcranial enhanced Ultrasound Imaging of induced substantia nigra in brain using adaptive Third Order Volterra Filter: In-vivo results. , 2017, , .		9
31	Method of construction of a MRI-based tabular database of 3D stereotaxic co-ordinates for individual structures in the basal ganglia of <i>Macaca mulatta</i> . <i>Journal of Neuroscience Methods</i> , 2005, 149, 154-163.	1.3	8
32	Acute levodopa dosing around-the-clock ameliorates REM sleep without atonia in hemiparkinsonian rats. <i>Npj Parkinson's Disease</i> , 2019, 5, 27.	2.5	6
33	Transfer entropy between cortical and basal ganglia electrophysiology. , 2012, , .		5
34	Regularization methods for solving third-order volterra filter with improved convergence speed: In-vivo application. , 2018, , .		5
35	In-vivo transcranial ultrasound imaging of induced Substantia Nigra hyperechogenicity using adaptive sparse Third Order Volterra Filter. , 2017, , .		4
36	Type 2 Diabetes Presenting With Persistent Chorea. <i>JAMA Neurology</i> , 2019, 76, 366.	4.5	4

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37	The cross-hemispheric nigrostriatal pathway prevents the expression of levodopa-induced dyskinesias. <i>Neurobiology of Disease</i> , 2021, 159, 105491.	2.1	4
38	A 46-year-old woman with rigidity and frequent falls.. <i>Cleveland Clinic Journal of Medicine</i> , 2005, 72, 57-63.	0.6	3
39	Quadrature RF coil for in Vivo brain MRI of a macaque monkey in a stereotaxic head frame. <i>Concepts in Magnetic Resonance Part B</i> , 2012, 41B, 22-27.	0.3	2
40	Adaptive ℓ_0 -norm sparse third order volterra filter for transcranial ultrasound image enhancement: In-vivo results. , 2017, , .		2
41	Improved Real-Time Capability for Nonlinear Seperable Harmonic Filtering of Ultrasound Images Using a Damped Regularization Method With In-Vivo Results. , 2018, 2018, 891-894.		2
42	Three-dimensional reconstruction of transcranial ultrasound images obtained through the temporal bone window using a helmet-mounted mechanical beam-steering device. , 2011, 2011, 413-6.		1
43	Multiscale autoregressive identification of neuro-electrophysiological systems. , 2011, 2011, 7071-4.		1
44	Transplantation of human retinal pigment epithelial cells in the nucleus accumbens of cocaine self-administering rats provides protection from seeking. <i>Brain Research Bulletin</i> , 2016, 123, 53-60.	1.4	1
45	A Small Light at the end of a long tunnel: Long-term magnetic resonance imaging of stem cells in neonatal ischemic injury. <i>Annals of Neurology</i> , 2011, 69, 232-233.	2.8	0
46	Multiscale Autoregressive Identification of Neuroelectrophysiological Systems. <i>Computational and Mathematical Methods in Medicine</i> , 2012, 2012, 1-5.	0.7	0