Alim Louis Benabid

List of Publications by Year
in descending order

37 papers	4,931 citations	257450 24 h-index	345221 36 g-index

39 all docs	39 docs citations	39 times ranked	4707 citing authors

#	Article	IF	Citations
1	An adaptive closed-loop ECoG decoder for long-term and stable bimanual control of an exoskeleton by a tetraplegic. Journal of Neural Engineering, 2022, 19, 026021.	3.5	13
2	An exoskeleton controlled by an epidural wireless brainâ€“machine interface in a tetraplegic patient: a proof-of-concept demonstration. Lancet Neurology, The, 2019, 18, 1112-1122.	10.2	212
3	Neuroprotective Surgical Strategies in Parkinsonâ€™s Disease: Role of Preclinical Data. International Journal of Molecular Sciences, 2017, 18, 2190.	4.1	17
4	Endoventricular Deep Brain Stimulation of the Third Ventricle. Neurosurgery, 2016, 79, 806-815.	1.1	32
5	Letters. ATLA Alternatives To Laboratory Animals, 2015, 43, 205-206.	1.0	8
6	Dear Editor. ATLA Alternatives To Laboratory Animals, 2015, 43, 427-428.	1.0	5
7	WIMAGINE: Wireless 64-Channel ECoG Recording Implant for Long Term Clinical Applications. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2015, 23, 10-21.	4.9	142
8	Deep Brain Stimulation for Obsessive-Compulsive Disorder: Subthalamic Nucleus Target. World Neurosurgery, 2013, 80, S31.e1-S31.e8.	1.3	92
9	New targets for DBS. Parkinsonism and Related Disorders, 2012, 18, S21-S23.	2.2	53
10	Deep brain stimulation. Progress in Brain Research, 2011, 194, 71-82.	1.4	13
11	Subthalamic Deep Brain Stimulation for Parkinson's Disease. , 2011, , 944-962.		2
12	IterativeN-way partial least squares for a binary self-paced brainâ€“computer interface in freely moving animals. Journal of Neural Engineering, 2011, 8, 046012.	3.5	17
13	Sleep induced by stimulation in the human pedunculopontine nucleus area. Annals of Neurology, 2010, 67, 546-549.	5.3	93
14	Deep brain stimulation of the subthalamic nucleus for the treatment of Parkinson's disease. Lancet Neurology, The, 2009, 8, 67-81.	10.2	1,105
15	Targeting the caudal intralaminar nuclei for functional neurosurgery of movement disorders. Brain Research Bulletin, 2009, 78, 109-112.	3.0	15
16	Functional neurosurgery for movement disorders: a historical perspective. Progress in Brain Research, 2009, 175, 379-391.	1.4	71
17	Correlation between the Anatomical and Functional Human Subthalamic Nucleus. Stereotactic and Functional Neurosurgery, 2007, 85, 88-93.	1.5	19
18	What the future holds for deep brain stimulation. Expert Review of Medical Devices, 2007, 4, 895-903.	2.8	99

#	Article	IF	Citations
19	Deep-brain stimulation in Parkinson's disease: long-term efficacy and safety â€“ What happened this year?. Current Opinion in Neurology, 2005, 18, 623-630.	3.6	75
20	A Probabilistic Functional Atlas of the VIM Nucleus Constructed from Pre-, Intra- and Postoperative Electrophysiological and Neuroimaging Data Acquired during the Surgical Treatment of Parkinsonâ€™s Disease Patients. Stereotactic and Functional Neurosurgery, 2005, 83, 190-196.	1.5	39
21	A Probabilistic Functional Atlas ofthe Human Subthalamic Nucleus. Neuroinformatics, 2004, 2, 381-398.	2.8	34
22	Deep brain stimulation for Parkinsonâ€™s disease. Current Opinion in Neurobiology, 2003, 13, 696-706.	4.2	703
23	An Algorithm for Rapid Calculation of a Probabilistic Functional Atlas of Subcortical Structures from Electrophysiological Data Collected during Functional Neurosurgery Procedures. NeuroImage, 2003, 18, 143-155.	4.2	59
24	Chapter 42 Deep brain stimulation in Parkinson's disease: technique and prospective, facts and comments. Handbook of Clinical Neurophysiology, 2003, , 697-713.	0.0	0
25	Apport thÃ©rapeutique et physiopathologique de la stimulation des structures cÃ©rÃ©brales profondes dans la maladie de Parkinson. Bulletin De L'Academie Nationale De Medecine, 2003, 187, 305-322.	0.0	1
26	From hypothalamic hamartoma to cortex: what can be learnt from depth recordings and stimulation?. Epileptic Disorders, 2003, 5, 205-17.	1.3	83
27	Response to levodopa in parkinsonian patients with bilateral subthalamic nucleus stimulation. Brain, 2002, 125, 2408-2417.	7.6	73
28	Antiepileptic Effect of High-frequency Stimulation of the Subthalamic Nucleus (Corpus Luysi) in a Case of Medically Intractable Epilepsy Caused by Focal Dysplasia: A 30-month Follow-up: Technical Case Report. Neurosurgery, 2002, 50, 1385-1392.	1.1	140
29	Superior colliculus firing changes after lesion or electrical stimulation of the subthalamic nucleus in the rat. Brain Research, 2002, 943, 93-100.	2.2	20
30	Imaging of subthalamic nucleus and ventralis intermedius of the thalamus. Movement Disorders, 2002, 17, S123-S129.	3.9	84
31	Deep brain stimulation of the corpus luysi (subthalamic nucleus) and other targets in Parkinson's disease. Extension to new indications such as dystonia and epilepsy. Journal of Neurology, 2001, 248, 37-47.	3.6	172
32	Effect of Bilateral Subthalamic Nucleus Stimulation and Dopatherapy on Oral Control in Parkinsonâ€™s Disease. European Neurology, 1999, 42, 136-140.	1.4	31
33	Chronic Electrical Stimulation of the Ventralis Intermedius Nucleus of the Thalamus and of Other Nuclei as a Treatment for ParkinsonÊ¼s Disease. Techniques in Neurosurgery, 1999, 5, 5-30.	0.3	54
34	Subthalamic Nucleus Lesion in Rats Prevents Dopaminergic Nigral Neuron Degeneration After Striatal 6-OHDA Injection: Behavioural and Immunohistochemical Studies. European Journal of Neuroscience, 1996, 8, 1408-1414.	2.6	222
35	Chronic electrical stimulation of the ventralis intermedius nucleus of the thalamus as a treatment of movement disorders. Journal of Neurosurgery, 1996, 84, 203-214.	1.6	991
36	Intracranial functional MR angiography in humans. Magnetic Resonance Materials in Physics, Biology, and Medicine, 1994, 2, 343-345.	2.0	2

#	Article	IF	Citations
37	Functional MRI of the human brain. NeuroReport, 1994, 5, 813-816.	1.2	138