

# Arjune Sen

## List of Publications by Year in descending order

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Version: 2024-02-01

66  
papers

2,515  
citations

279798

23  
h-index

214800

47  
g-index

72  
all docs

72  
docs citations

72  
times ranked

3169  
citing authors

#	ARTICLE	IF	CITATIONS
1	100,000 Genomes Pilot on Rare-Disease Diagnosis in Health Care – Preliminary Report. <i>New England Journal of Medicine</i> , 2021, 385, 1868-1880.	27.0	352
2	Genetic predictors of the maximum doses patients receive during clinical use of the anti-epileptic drugs carbamazepine and phenytoin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 5507-5512.	7.1	321
3	Characteristics of surround inhibition in cat area 17. <i>Experimental Brain Research</i> , 1997, 116, 216-228.	1.5	195
4	Cognition and dementia in older patients with epilepsy. <i>Brain</i> , 2018, 141, 1592-1608.	7.6	177
5	Epilepsy in older people. <i>Lancet, The</i> , 2020, 395, 735-748.	13.7	170
6	Nova2 Interacts with a Cis-Acting Polymorphism to Influence the Proportions of Drug-Responsive Splice Variants of SCN1A. <i>American Journal of Human Genetics</i> , 2007, 80, 876-883.	6.2	104
7	Distinct HLA associations of LGI1 and CASPR2-antibody diseases. <i>Brain</i> , 2018, 141, 2263-2271.	7.6	100
8	Distinctive binding properties of human monoclonal LGI1 autoantibodies determine pathogenic mechanisms. <i>Brain</i> , 2020, 143, 1731-1745.	7.6	74
9	Pathological Tau Tangles Localize to Focal Cortical Dysplasia in Older Patients. <i>Epilepsia</i> , 2007, 48, 1447-1454.	5.1	60
10	Amyloid- $\beta$ : a potential link between epilepsy and cognitive decline. <i>Nature Reviews Neurology</i> , 2021, 17, 469-485.	10.1	60
11	Increased NKCC1 expression in refractory human epilepsy. <i>Epilepsy Research</i> , 2007, 74, 220-227.	1.6	59
12	Comparing neurostimulation technologies in refractory focal-onset epilepsy. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2016, 87, 1174-1182.	1.9	55
13	Modulation of Brain Hyperexcitability: Potential New Therapeutic Approaches in Alzheimer's Disease. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9318.	4.1	54
14	Galvanic Skin Response (GSR)/Electrodermal/Skin Conductance Biofeedback on Epilepsy: A Systematic Review and Meta-Analysis. <i>Frontiers in Neurology</i> , 2019, 10, 377.	2.4	44
15	Stertorous breathing is a reliably identified sign that helps in the differentiation of epileptic from psychogenic non-epileptic convulsions: An audit. <i>Epilepsy Research</i> , 2007, 77, 62-64.	1.6	43
16	Hippocampal MRS and subfield volumetry at 7T detects dysfunction not specific to seizure focus. <i>Scientific Reports</i> , 2017, 7, 16138.	3.3	39
17	Evaluating risk to people with epilepsy during the COVID-19 pandemic: Preliminary findings from the COV-E study. <i>Epilepsy and Behavior</i> , 2021, 115, 107658.	1.7	37
18	A point mutation in the ion conduction pore of AMPA receptor GRIA3 causes dramatically perturbed sleep patterns as well as intellectual disability. <i>Human Molecular Genetics</i> , 2017, 26, 3869-3882.	2.9	35

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19	Clinical features which predict neuronal surface autoantibodies in new-onset focal epilepsy: implications for immunotherapies. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2021, 92, 291-294.	1.9	34
20	Why won't it stop? The dynamics of benzodiazepine resistance in status epilepticus. <i>Nature Reviews Neurology</i> , 2022, 18, 428-441.	10.1	31
21	Deregulation of cdk5 in Hippocampal Sclerosis. <i>Journal of Neuropathology and Experimental Neurology</i> , 2006, 65, 55-66.	1.7	29
22	Current practice and recommendations in UK epilepsy monitoring units. Report of a national survey and workshop. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2017, 50, 92-98.	2.0	29
23	Binding deficits in visual short-term memory in patients with temporal lobe lobectomy. <i>Hippocampus</i> , 2019, 29, 63-67.	1.9	26
24	What is status epilepticus and what do we know about its epidemiology?. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2020, 75, 131-136.	2.0	26
25	Pathognomonic seizures in limbic encephalitis associated with anti-LGI1 antibodies. <i>Lancet, The</i> , 2014, 383, 2018.	13.7	25
26	Apathy in small vessel cerebrovascular disease is associated with deficits in effort-based decision making. <i>Brain</i> , 2021, 144, 1247-1262.	7.6	25
27	The psychosocial impact of epilepsy on marriage: A narrative review. <i>Epilepsy and Behavior</i> , 2016, 63, 34-41.	1.7	22
28	A pragmatic approach to intravenous anaesthetics and electroencephalographic endpoints for the treatment of refractory and super-refractory status epilepticus in critical care. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2020, 75, 153-164.	2.0	22
29	Development and validation of a predictive model of drug-resistant genetic generalized epilepsy. <i>Neurology</i> , 2020, 95, e2150-e2160.	1.1	22
30	Hippocampal epileptogenesis in autoimmune encephalitis. <i>Annals of Clinical and Translational Neurology</i> , 2019, 6, 2261-2269.	3.7	20
31	An Investigation of Levetiracetam in Alzheimer's Disease (ILiAD): a double-blind, placebo-controlled, randomised crossover proof of concept study. <i>Trials</i> , 2021, 22, 508.	1.6	20
32	YouTube as a potential learning tool to help distinguish tonic-clonic seizures from nonepileptic attacks. <i>Epilepsy and Behavior</i> , 2014, 37, 221-226.	1.7	17
33	New-onset super refractory status epilepticus: A case-series. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2020, 75, 174-184.	2.0	17
34	The Psychosocial Burden of Cooley's Anemia in Affected Children and Their Parents. <i>Annals of the New York Academy of Sciences</i> , 1998, 850, 512-513.	3.8	15
35	Hippocampal Malformations Do Not Necessarily Evolve into Hippocampal Sclerosis. <i>Epilepsia</i> , 2005, 46, 939-943.	5.1	14
36	Increased immunoreactivity of cdk5 activators in hippocampal sclerosis. <i>NeuroReport</i> , 2007, 18, 511-516.	1.2	12

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37	Pyridoxine supplementation for levetiracetam-related neuropsychiatric adverse events: A systematic review. <i>Epilepsy and Behavior</i> , 2020, 103, 106861.	1.7	12
38	An Investigation of the Expression of G1-Phase Cell Cycle Proteins in Focal Cortical Dysplasia Type IIB. <i>Journal of Neuropathology and Experimental Neurology</i> , 2007, 66, 1045-1055.	1.7	11
39	The Potential Role of Cyclin-Dependent Kinase 5 in Focal Cortical Dysplasia. <i>Developmental Neuroscience</i> , 2008, 30, 96-104.	2.0	10
40	Perampanel for the treatment of epilepsy; Longitudinal actuarial analysis and dose responses based on monthly outcomes. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2019, 69, 125-132.	2.0	10
41	A clinical-grade gene therapy vector for pharmacoresistant epilepsy successfully overexpresses NPY in a human neuronal cell line. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2018, 55, 25-29.	2.0	8
42	Impact of the COVID-19 pandemic on people with epilepsy: Findings from the Brazilian arm of the COVE study. <i>Epilepsy and Behavior</i> , 2021, 123, 108261.	1.7	8
43	The transition to status epilepticus: how the brain meets the demands of perpetual seizure activity. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2020, 75, 137-144.	2.0	7
44	Difficulty in walking 10 years after gastric surgery. <i>European Journal of Gastroenterology and Hepatology</i> , 2011, 23, 952-953.	1.6	6
45	New regulations to cut valproate-exposed pregnancies. <i>Lancet, The</i> , 2018, 392, 458-460.	13.7	6
46	The phenotype of bilateral hippocampal sclerosis and its management in "cereal life" clinical settings. <i>Epilepsia</i> , 2018, 59, 1410-1420.	5.1	6
47	An evaluation of the psychosocial impact of epilepsy on marriage in the United Kingdom. <i>Epilepsy and Behavior</i> , 2019, 94, 204-208.	1.7	6
48	Epilepsy and psychogenic non-epileptic seizures in forcibly displaced people: A scoping review. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2021, 92, 128-148.	2.0	6
49	Pathological brain ageing in epilepsy and dementia: two sides of the same coin?. <i>Brain</i> , 2021, 144, 9-11.	7.6	5
50	Distinguishing psychogenic nonepileptic, mixed, and epileptic seizures using systemic measures and reported experiences. <i>Epilepsy and Behavior</i> , 2021, 116, 107684.	1.7	4
51	High glucose concentrations mask cellular phenotypes in a stem cell model of tuberous sclerosis complex. <i>Epilepsy and Behavior</i> , 2019, 101, 106581.	1.7	3
52	A survey of the European Reference Network EpiCARE on clinical practice for selected rare epilepsies. <i>Epilepsia Open</i> , 2021, 6, 160-170.	2.4	3
53	An evaluation of the effectiveness of perampanel in people with epilepsy who have previously undergone resective surgery and/or implantation of a vagal nerve stimulator. <i>Epilepsy and Behavior</i> , 2021, 116, 107738.	1.7	3
54	Genomic analysis of "microphenotypes" in epilepsy. <i>American Journal of Medical Genetics, Part A</i> , 2022, 188, 138-146.	1.2	3

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55	Morvan just a syndrome?!. Lancet, The, 2017, 389, 1368.	13.7	2
56	Reply: Late onset epilepsy and Alzheimer's disease: exploring the dual pathogenic role of amyloid- $\beta$ . Brain, 2018, 141, e61-e61.	7.6	2
57	Very late-onset mitochondrial cytopathy featuring epilepsia partialis continua and bilateral deafness: A case report. Seizure: the Journal of the British Epilepsy Association, 2020, 76, 153-155.	2.0	2
58	Safety of transcranial direct current stimulation in healthy participants. Epilepsy and Behavior Reports, 2021, 15, 100414.	1.0	2
59	Optimising epilepsy care throughout the Afghan refugee crisis. Lancet, The, 2021, 398, 1563.	13.7	2
60	Vagus nerve stimulation therapy in people with drug-resistant epilepsy (CORE-VNS): rationale and design of a real-world post-market comprehensive outcomes registry. BMJ Neurology Open, 2021, 3, e000218.	1.6	2
61	Executive summary and recommendations. Epilepsy and Behavior, 2020, 103, 106650.	1.7	1
62	Concise guide to the currently available drug options in epilepsy. The Prescriber, 2012, 23, 16-31.	0.3	0
63	Development of EpiRisk: An online clinical tool for estimating the risk of major congenital malformations in pregnant women treated for epilepsy. Epilepsia Open, 2018, 3, 281-285.	2.4	0
64	A neurological letter from Zimbabwe. Practical Neurology, 2018, 18, 255-257.	1.1	0
65	Status epilepticus special edition. Seizure: the Journal of the British Epilepsy Association, 2020, 75, 129-130.	2.0	0
66	The impact of COVID-19 on epilepsy care: Perspectives from UK healthcare workers. Epilepsy and Behavior Reports, 2021, 16, 100487.	1.0	0