Derek H Oakley

List of Publications by Year
in descending order

35	3,506	567281 15	434195 31
papers	citations	h-index	g-index

38	38	38	6394
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Reference Maps of Human ES and iPS Cell Variation Enable High-Throughput Characterization of Pluripotent Cell Lines. Cell, 2011, 144, 439-452.	28.9	899
2	A functionally characterized test set of human induced pluripotent stem cells. Nature Biotechnology, 2011, 29, 279-286.	17.5	446
3	Pathways Disrupted in Human ALS Motor Neurons Identified through Genetic Correction of Mutant SOD1. Cell Stem Cell, 2014, 14, 781-795.	11.1	392
4	Tau molecular diversity contributes to clinical heterogeneity in Alzheimerâ€™s disease. Nature Medicine, 2020, 26, 1256-1263.	30.7	262
5	Directly visualized glioblastoma-derived extracellular vesicles transfer RNA to microglia/macrophages in the brain. Neuro-Oncology, 2016, 18, 58-69.	1.2	245
6	Accelerated High-Yield Generation of Limb-Innervating Motor Neurons from Human Stem Cells. Journal of Neuroscience, 2013, 33, 574-586.	3.6	230
7	Synaptic Tau Seeding Precedes Tau Pathology in Human Alzheimer's Disease Brain. Frontiers in Neuroscience, 2018, 12, 267.	2.8	198
8	The role of microglia in processing and spreading of bioactive tau seeds in Alzheimerâ€™s disease. Journal of Neuroinflammation, 2018, 15, 269.	7.2	180
9	Pathological correlations of [Fâ€18]â€AVâ€1451 imaging in nonâ€alzheimer tauopathies. Annals of Neurology, 2017, 81, 117-128.	5.3	174
10	SOD1Suppression with Adeno-Associated Virus and MicroRNA in Familial ALS. New England Journal of Medicine, 2020, 383, 151-158.	27.0	151
11	Somatic genomic changes in single Alzheimerâ€™s disease neurons. Nature, 2022, 604, 714-722.	27.8	92
12	Protein Prenylation Constitutes an Endogenous Brake on Axonal Growth. Cell Reports, 2016, 16, 545-558.	6.4	45
13	Novel Compound Heterozygous Mutations Expand the Recognized Phenotypes of FARS2-Linked Disease. Journal of Child Neurology, 2016, 31, 1127-1137.	1.4	36
14	Stem Cells in the Nervous System. American Journal of Physical Medicine and Rehabilitation, 2014, 93, S132-S144.	1.4	28
15	A 44â€yearâ€old man with eye, kidney, and brain dysfunction. Annals of Neurology, 2016, 79, 507-519.	5.3	24
16	Targeting Tau Mitigates Mitochondrial Fragmentation and Oxidative Stress in Amyotrophic Lateral Sclerosis. Molecular Neurobiology, 2022, 59, 683-702.	4.0	18
17	Novel genetic variants in MAPT and alterations in tau phosphorylation in amyotrophic lateral sclerosis postâ€mortem motor cortex and cerebrospinal fluid. Brain Pathology, 2022, 32, e13035.	4.1	15
18	Spinal cord Î±-synuclein deposition associated with myoclonus in patients with MSA-C. Neurology, 2019, 93, 302-309.	1.1	11

#	Article	IF	Citations
19	TheÂAlzheimer Disease-Causing Presenilin-1 L435F Mutation Causes Increased Production of Soluble Aî²43 Species in Patient-Derived iPSC-Neurons, Closely Mimicking Matched Patient Brain Tissue. Journal of Neuropathology and Experimental Neurology, 2020, 79, 592-604.	1.7	10
20	Continuous Monitoring of Tau-Induced Neurotoxicity in Patient-Derived iPSC-Neurons. Journal of Neuroscience, 2021, 41, 4335-4348.	3.6	10
21	Kinetics of tau aggregation reveals patient-specific tau characteristics among Alzheimerâ€™s cases. Brain Communications, 2021, 3, fcab096.	3.3	7
22	Pathways Disrupted in Human ALS Motor Neurons Identified through Genetic Correction of Mutant SOD1. Cell Stem Cell, 2014, 14, 873.	11.1	6
23	Case 5-2022: A 65-Year-Old Woman with Rapidly Progressive Weakness in the Right Arm and Recurrent Falls. New England Journal of Medicine, 2022, 386, 674-687.	27.0	4
24	Mapping the Spatial Distribution of Fibrillar Polymorphs in Human Brain Tissue. Frontiers in Neuroscience, 2022, 16, .	2.8	4
25	Wide Range of Clinical Outcomes in Patients with Gliomatosis Cerebri Growth Pattern: A Clinical, Radiographic, and Histopathologic Study. Oncologist, 2019, 24, 402-413.	3.7	3
26	Intracranial Foreign Body Granuloma Mimicking Brain Tumor Recurrence: A Case Series. Oncologist, 2021, 26, e893-e897.	3.7	3
27	Case 41-2020: A 62-Year-Old Man with Memory Loss and Odd Behavior. New England Journal of Medicine, 2020, 383, 2666-2675.	27.0	2
28	A 20-Year-Old Man With Back Pain and Lower Extremity Weakness. JAMA Neurology, 2015, 72, 363.	9.0	1
29	Case 32-2016. New England Journal of Medicine, 2016, 375, 1567-1579.	27.0	1
30	Case 13-2017. New England Journal of Medicine, 2017, 376, 1668-1678.	27.0	1
31	ACTR-57. TEXTILOMA-AN UNUSUAL MIMIC OF BRAIN TUMOR RECURRENCE: AÂCASE SERIES. Neuro-Oncology, 2016, 18, vi14-vi15.	1.2	0
32	Case 23-2019: A 52-Year-Old Man with Fever, Cough, and Hypoxemia. New England Journal of Medicine, 2019, 381, 359-369.	27.0	0
33	Employing an in vitro biosensor assay to investigate tau seeding kinetics within cases of sporadic Alzheimer disease and in a model of tauopathy. Alzheimer's and Dementia, 2020, 16, e047169.	0.8	0
34	Potential of Stem Cell-Derived Motor Neurons for Modeling Amyotrophic Lateral Sclerosis (ALS). Research and Perspectives in Neurosciences, 2013, , 75-91.	0.4	0
35	In situ structural biology of pathological protein deposits in Alzheimer's disease. Biophysical Journal, 2022, 121, 153a.	0.5	0