

# Mustafa Sahin

## List of Publications by Citations

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341  
papers

16,507  
citations

61  
h-index

122  
g-index

426  
ext. papers

20,643  
ext. citations

6.8  
avg, IF

6.58  
L-index

#	Paper	IF	Citations
341	Promoting axon regeneration in the adult CNS by modulation of the PTEN/mTOR pathway. <i>Science</i> , <b>2008</b> , 322, 963-6	33.3	1121
340	Tuberous sclerosis complex diagnostic criteria update: recommendations of the 2012 International Tuberous Sclerosis Complex Consensus Conference. <i>Pediatric Neurology</i> , <b>2013</b> , 49, 243-54	2.9	916
339	Autistic-like behaviour and cerebellar dysfunction in Purkinje cell Tsc1 mutant mice. <i>Nature</i> , <b>2012</b> , 488, 647-51	50.4	574
338	Tuberous sclerosis complex surveillance and management: recommendations of the 2012 International Tuberous Sclerosis Complex Consensus Conference. <i>Pediatric Neurology</i> , <b>2013</b> , 49, 255-65	2.9	553
337	ATM signals to TSC2 in the cytoplasm to regulate mTORC1 in response to ROS. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2010</b> , 107, 4153-8	11.5	532
336	EphA receptors regulate growth cone dynamics through the novel guanine nucleotide exchange factor ephexin. <i>Cell</i> , <b>2001</b> , 105, 233-44	56.2	450
335	Guidelines for the use and interpretation of assays for monitoring autophagy (4th edition). <i>Autophagy</i> , <b>2021</b> , 17, 1-382	10.2	440
334	The neurology of mTOR. <i>Neuron</i> , <b>2014</b> , 84, 275-91	13.9	418
333	Response of a neuronal model of tuberous sclerosis to mammalian target of rapamycin (mTOR) inhibitors: effects on mTORC1 and Akt signaling lead to improved survival and function. <i>Journal of Neuroscience</i> , <b>2008</b> , 28, 5422-32	6.6	395
332	Loss of the tuberous sclerosis complex tumor suppressors triggers the unfolded protein response to regulate insulin signaling and apoptosis. <i>Molecular Cell</i> , <b>2008</b> , 29, 541-51	17.6	352
331	A mouse model of tuberous sclerosis: neuronal loss of Tsc1 causes dysplastic and ectopic neurons, reduced myelination, seizure activity, and limited survival. <i>Journal of Neuroscience</i> , <b>2007</b> , 27, 5546-58	6.6	347
330	Somatic mutations in cerebral cortical malformations. <i>New England Journal of Medicine</i> , <b>2014</b> , 371, 733-43	39.2	265
329	Cdk5 regulates EphA4-mediated dendritic spine retraction through an ephexin1-dependent mechanism. <i>Nature Neuroscience</i> , <b>2007</b> , 10, 67-76	25.5	256
328	S6K1 regulates GSK3 under conditions of mTOR-dependent feedback inhibition of Akt. <i>Molecular Cell</i> , <b>2006</b> , 24, 185-97	17.6	240
327	The Circadian Protein BMAL1 Regulates Translation in Response to S6K1-Mediated Phosphorylation. <i>Cell</i> , <b>2015</b> , 161, 1138-1151	56.2	210
326	Tuberous sclerosis complex and epilepsy: recent developments and future challenges. <i>Epilepsia</i> , <b>2007</b> , 48, 617-30	6.4	205
325	Tuberous sclerosis complex proteins control axon formation. <i>Genes and Development</i> , <b>2008</b> , 22, 2485-95	12.6	201

324	Eph-dependent tyrosine phosphorylation of ephexin1 modulates growth cone collapse. <i>Neuron</i> , <b>2005</b> , 46, 191-204	13.9	199
323	Vav family GEFs link activated Ephs to endocytosis and axon guidance. <i>Neuron</i> , <b>2005</b> , 46, 205-17	13.9	199
322	Tsc2-Rheb signaling regulates EphA-mediated axon guidance. <i>Nature Neuroscience</i> , <b>2010</b> , 13, 163-72	25.5	193
321	A tuberous sclerosis complex signalling node at the peroxisome regulates mTORC1 and autophagy in response to ROS. <i>Nature Cell Biology</i> , <b>2013</b> , 15, 1186-96	23.4	182
320	EphB-mediated degradation of the RhoA GEF Ephexin5 relieves a developmental brake on excitatory synapse formation. <i>Cell</i> , <b>2010</b> , 143, 442-55	56.2	177
319	Tuberous sclerosis associated neuropsychiatric disorders (TAND) and the TAND Checklist. <i>Pediatric Neurology</i> , <b>2015</b> , 52, 25-35	2.9	170
318	Febrile infection-related epilepsy syndrome (FIRES): pathogenesis, treatment, and outcome: a multicenter study on 77 children. <i>Epilepsia</i> , <b>2011</b> , 52, 1956-65	6.4	168
317	Meta-analysis and multidisciplinary consensus statement: exome sequencing is a first-tier clinical diagnostic test for individuals with neurodevelopmental disorders. <i>Genetics in Medicine</i> , <b>2019</b> , 21, 2413-2421	8.1	164
316	Genes, circuits, and precision therapies for autism and related neurodevelopmental disorders. <i>Science</i> , <b>2015</b> , 350,	33.3	155
315	Interaction of survival of motor neuron (SMN) and HuD proteins with mRNA cpg15 rescues motor neuron axonal deficits. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2011</b> , 108, 10337-42	11.5	154
314	Outcome of severe refractory status epilepticus in children. <i>Epilepsia</i> , <b>2001</b> , 42, 1461-7	6.4	153
313	Mosaic and Intronic Mutations in TSC1/TSC2 Explain the Majority of TSC Patients with No Mutation Identified by Conventional Testing. <i>PLoS Genetics</i> , <b>2015</b> , 11, e1005637	6	142
312	Tuberous sclerosis complex activity is required to control neuronal stress responses in an mTOR-dependent manner. <i>Journal of Neuroscience</i> , <b>2009</b> , 29, 5926-37	6.6	132
311	Characterization of autism in young children with tuberous sclerosis complex. <i>Journal of Child Neurology</i> , <b>2008</b> , 23, 520-5	2.5	130
310	Regulable neural progenitor-specific Tsc1 loss yields giant cells with organellar dysfunction in a model of tuberous sclerosis complex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2011</b> , 108, E1070-9	11.5	129
309	Human CHN1 mutations hyperactivate alpha2-chimaerin and cause Duane's retraction syndrome. <i>Science</i> , <b>2008</b> , 321, 839-43	33.3	126
308	Brain functional networks in syndromic and non-syndromic autism: a graph theoretical study of EEG connectivity. <i>BMC Medicine</i> , <b>2013</b> , 11, 54	11.4	116
307	SPARK: A US Cohort of 50,000 Families to Accelerate Autism Research. <i>Neuron</i> , <b>2018</b> , 97, 488-493	13.9	112

306	Copy number variation plays an important role in clinical epilepsy. <i>Annals of Neurology</i> , <b>2014</b> , 75, 943-58	9.4	110
305	Autism and the synapse: emerging mechanisms and mechanism-based therapies. <i>Current Opinion in Neurology</i> , <b>2015</b> , 28, 91-102	7.1	105
304	SMN regulates axonal local translation via miR-183/mTOR pathway. <i>Human Molecular Genetics</i> , <b>2014</b> , 23, 6318-31	5.6	102
303	Evaluation of SMN protein, transcript, and copy number in the biomarkers for spinal muscular atrophy (BforSMA) clinical study. <i>PLoS ONE</i> , <b>2012</b> , 7, e33572	3.7	102
302	Tuberous sclerosis complex. <i>Pediatric Clinics of North America</i> , <b>2015</b> , 62, 633-48	3.6	101
301	Congenital disorders of autophagy: an emerging novel class of inborn errors of neuro-metabolism. <i>Brain</i> , <b>2016</b> , 139, 317-37	11.2	101
300	Regulation of EphA 4 kinase activity is required for a subset of axon guidance decisions suggesting a key role for receptor clustering in Eph function. <i>Neuron</i> , <b>2005</b> , 47, 515-28	13.9	100
299	Abnormal mTOR Activation in Autism. <i>Annual Review of Neuroscience</i> , <b>2018</b> , 41, 1-23	17	97
298	Endothelial cell-fatty acid binding protein 4 promotes angiogenesis: role of stem cell factor/c-kit pathway. <i>Angiogenesis</i> , <b>2012</b> , 15, 457-68	10.6	97
297	Influence of seizures on early development in tuberous sclerosis complex. <i>Epilepsy and Behavior</i> , <b>2017</b> , 70, 245-252	3.2	95
296	Homozygous PLCB1 deletion associated with malignant migrating partial seizures in infancy. <i>Epilepsia</i> , <b>2012</b> , 53, e146-50	6.4	93
295	Impaired Mitochondrial Dynamics and Mitophagy in Neuronal Models of Tuberous Sclerosis Complex. <i>Cell Reports</i> , <b>2016</b> , 17, 1053-1070	10.6	90
294	Loss of white matter microstructural integrity is associated with adverse neurological outcome in tuberous sclerosis complex. <i>Academic Radiology</i> , <b>2012</b> , 19, 17-25	4.3	90
293	Location of nicotinic and muscarinic cholinergic and mu-opiate receptors in rat cerebral neocortex: evidence from thalamic and cortical lesions. <i>Brain Research</i> , <b>1992</b> , 579, 135-47	3.7	90
292	Gestational immune activation and Tsc2 haploinsufficiency cooperate to disrupt fetal survival and may perturb social behavior in adult mice. <i>Molecular Psychiatry</i> , <b>2012</b> , 17, 62-70	15.1	85
291	Exome sequencing of 457 autism families recruited online provides evidence for autism risk genes. <i>Npj Genomic Medicine</i> , <b>2019</b> , 4, 19	6.2	84
290	MicroRNA profiling reveals two distinct p53-related human pluripotent stem cell states. <i>Cell Stem Cell</i> , <b>2010</b> , 7, 671-81	18	84
289	Cerebellar associative sensory learning defects in five mouse autism models. <i>ELife</i> , <b>2015</b> , 4, e06085	8.9	82

288	Clinical Electroencephalographic Biomarker for Impending Epilepsy in Asymptomatic Tuberous Sclerosis Complex Infants. <i>Pediatric Neurology</i> , <b>2016</b> , 54, 29-34	2.9	77
287	Neuronal Tsc1/2 complex controls autophagy through AMPK-dependent regulation of ULK1. <i>Human Molecular Genetics</i> , <b>2014</b> , 23, 3865-74	5.6	73
286	Characterizing brain tissue by assessment of the distribution of anisotropic microstructural environments in diffusion-compartment imaging (DIAMOND). <i>Magnetic Resonance in Medicine</i> , <b>2016</b> , 76, 963-77	4.4	72
285	TSC1/TSC2 signaling in the CNS. <i>FEBS Letters</i> , <b>2011</b> , 585, 973-80	3.8	72
284	Clinical presentation and diagnosis of tuberous sclerosis complex in infancy. <i>Journal of Child Neurology</i> , <b>2008</b> , 23, 268-73	2.5	72
283	Replicable in vivo physiological and behavioral phenotypes of the null mutant mouse model of autism. <i>Molecular Autism</i> , <b>2017</b> , 8, 26	6.5	70
282	Prolonged treatment for acute symptomatic refractory status epilepticus: outcome in children. <i>Neurology</i> , <b>2003</b> , 61, 398-401	6.5	64
281	Presentation and Diagnosis of Tuberous Sclerosis Complex in Infants. <i>Pediatrics</i> , <b>2017</b> , 140,	7.4	63
280	Everolimus for treatment of tuberous sclerosis complex-associated neuropsychiatric disorders. <i>Annals of Clinical and Translational Neurology</i> , <b>2017</b> , 4, 877-887	5.3	59
279	Symptom profiles of autism spectrum disorder in tuberous sclerosis complex. <i>Neurology</i> , <b>2016</b> , 87, 766-772	5.5	58
278	Mechanisms of neurocognitive dysfunction and therapeutic considerations in tuberous sclerosis complex. <i>Current Opinion in Neurology</i> , <b>2011</b> , 24, 106-13	7.1	58
277	Molecular identification of the Lugaro cell in the cat cerebellar cortex. <i>Journal of Comparative Neurology</i> , <b>1990</b> , 301, 575-84	3.4	58
276	Purkinje cells derived from TSC patients display hypoexcitability and synaptic deficits associated with reduced FMRP levels and reversed by rapamycin. <i>Molecular Psychiatry</i> , <b>2018</b> , 23, 2167-2183	15.1	56
275	Candidate proteins, metabolites and transcripts in the Biomarkers for Spinal Muscular Atrophy (BforSMA) clinical study. <i>PLoS ONE</i> , <b>2012</b> , 7, e35462	3.7	56
274	Impaired language pathways in tuberous sclerosis complex patients with autism spectrum disorders. <i>Cerebral Cortex</i> , <b>2013</b> , 23, 1526-32	5.1	55
273	Neuronal CTGF/CCN2 negatively regulates myelination in a mouse model of tuberous sclerosis complex. <i>Journal of Experimental Medicine</i> , <b>2017</b> , 214, 681-697	16.6	52
272	A mouse model of DEPDC5-related epilepsy: Neuronal loss of Depdc5 causes dysplastic and ectopic neurons, increased mTOR signaling, and seizure susceptibility. <i>Neurobiology of Disease</i> , <b>2018</b> , 111, 91-107	7.5	52
271	Targeted treatment trials for tuberous sclerosis and autism: no longer a dream. <i>Current Opinion in Neurobiology</i> , <b>2012</b> , 22, 895-901	7.6	52

270	Neonatal subependymal giant cell astrocytoma: new case and review of literature. <i>Pediatric Neurology</i> , <b>2007</b> , 36, 128-31	2.9	52
269	Protein tyrosine phosphatases expressed in the developing rat brain. <i>Journal of Neuroscience</i> , <b>1993</b> , 13, 4968-78	6.6	52
268	Early developmental trajectories associated with ASD in infants with tuberous sclerosis complex. <i>Neurology</i> , <b>2014</b> , 83, 160-8	6.5	51
267	SMN deficiency reduces cellular ability to form stress granules, sensitizing cells to stress. <i>Cellular and Molecular Neurobiology</i> , <b>2011</b> , 31, 541-50	4.6	51
266	Diffusion features of white matter in tuberous sclerosis with tractography. <i>Pediatric Neurology</i> , <b>2010</b> , 42, 101-6	2.9	50
265	RASA1 functions in EPHB4 signaling pathway to suppress endothelial mTORC1 activity. <i>Journal of Clinical Investigation</i> , <b>2014</b> , 124, 2774-84	15.9	50
264	Aberrant Proteostasis of BMAL1 Underlies Circadian Abnormalities in a Paradigmatic mTOR-opathy. <i>Cell Reports</i> , <b>2017</b> , 20, 868-880	10.6	48
263	NMDA mediated contextual conditioning changes miRNA expression. <i>PLoS ONE</i> , <b>2011</b> , 6, e24682	3.7	48
262	Enhanced prime editing systems by manipulating cellular determinants of editing outcomes. <i>Cell</i> , <b>2021</b> , 184, 5635-5652.e29	56.2	48
261	A framework for the investigation of rare genetic disorders in neuropsychiatry. <i>Nature Medicine</i> , <b>2019</b> , 25, 1477-1487	50.5	46
260	Mechanism-based treatment in tuberous sclerosis complex. <i>Pediatric Neurology</i> , <b>2014</b> , 50, 290-6	2.9	44
259	Disorders of Microtubule Function in Neurons: Imaging Correlates. <i>American Journal of Neuroradiology</i> , <b>2016</b> , 37, 528-35	4.4	43
258	Genetic Etiologies, Diagnosis, and Treatment of Tuberous Sclerosis Complex. <i>Annual Review of Genomics and Human Genetics</i> , <b>2019</b> , 20, 217-240	9.7	42
257	Placebo-controlled crossover assessment of mecamsermin for the treatment of Rett syndrome. <i>Annals of Clinical and Translational Neurology</i> , <b>2018</b> , 5, 323-332	5.3	42
256	The neuroprotective drug riluzole acts via small conductance Ca <sup>2+</sup> -activated K <sup>+</sup> channels to ameliorate defects in spinal muscular atrophy models. <i>Journal of Neuroscience</i> , <b>2013</b> , 33, 6557-62	6.6	42
255	The Impact of COVID-19 on Individuals With Intellectual and Developmental Disabilities: Clinical and Scientific Priorities. <i>American Journal of Psychiatry</i> , <b>2020</b> , 177, 1091-1093	11.9	41
254	Sensitive Periods for Cerebellar-Mediated Autistic-like Behaviors. <i>Cell Reports</i> , <b>2018</b> , 25, 357-367.e4	10.6	41
253	Seven protein tyrosine phosphatases are differentially expressed in the developing rat brain. <i>Journal of Comparative Neurology</i> , <b>1995</b> , 351, 617-31	3.4	40

252	Engineering microdeletions and microduplications by targeting segmental duplications with CRISPR. <i>Nature Neuroscience</i> , <b>2016</b> , 19, 517-22	25.5	39
251	Graded loss of tuberin in an allelic series of brain models of TSC correlates with survival, and biochemical, histological and behavioral features. <i>Human Molecular Genetics</i> , <b>2012</b> , 21, 4286-300	5.6	37
250	Prenatal rapamycin results in early and late behavioral abnormalities in wildtype C57BL/6 mice. <i>Behavior Genetics</i> , <b>2013</b> , 43, 51-9	3.2	34
249	Retinoic acid isomers protect hippocampal neurons from amyloid-beta induced neurodegeneration. <i>Neurotoxicity Research</i> , <b>2005</b> , 7, 243-50	4.3	34
248	Advances and Future Directions for Tuberous Sclerosis Complex Research: Recommendations From the 2015 Strategic Planning Conference. <i>Pediatric Neurology</i> , <b>2016</b> , 60, 1-12	2.9	34
247	Tuberous Sclerosis: A New Frontier in Targeted Treatment of Autism. <i>Neurotherapeutics</i> , <b>2015</b> , 12, 572-83	4	33
246	Updated International Tuberous Sclerosis Complex Diagnostic Criteria and Surveillance and Management Recommendations. <i>Pediatric Neurology</i> , <b>2021</b> , 123, 50-66	2.9	33
245	Revisional Surgery After Failed Laparoscopic Sleeve Gastrectomy: Retrospective Analysis of Causes, Results, and Technical Considerations. <i>Obesity Surgery</i> , <b>2017</b> , 27, 2855-2860	3.7	32
244	p62/SQSTM1 Cooperates with Hyperactive mTORC1 to Regulate Glutathione Production, Maintain Mitochondrial Integrity, and Promote Tumorigenesis. <i>Cancer Research</i> , <b>2017</b> , 77, 3255-3267	10.1	32
243	Visual and semi-automatic non-invasive detection of interictal fast ripples: A potential biomarker of epilepsy in children with tuberous sclerosis complex. <i>Clinical Neurophysiology</i> , <b>2018</b> , 129, 1458-1466	4.3	32
242	Cardiac rhabdomyomas in tuberous sclerosis complex show apoptosis regulation and mTOR pathway abnormalities. <i>Pediatric and Developmental Pathology</i> , <b>2009</b> , 12, 89-95	2.2	32
241	Sonographically guided percutaneous treatment of hepatic hydatid cysts: long-term results. <i>Journal of Clinical Ultrasound</i> , <b>2000</b> , 28, 469-78	1	32
240	A mathematical framework for the registration and analysis of multi-fascicle models for population studies of the brain microstructure. <i>IEEE Transactions on Medical Imaging</i> , <b>2014</b> , 33, 504-17	11.7	31
239	Somatic GNAQ Mutation is Enriched in Brain Endothelial Cells in Sturge-Weber Syndrome. <i>Pediatric Neurology</i> , <b>2017</b> , 67, 59-63	2.9	31
238	Direct current stimulation induces mGluR5-dependent neocortical plasticity. <i>Annals of Neurology</i> , <b>2016</b> , 80, 233-46	9.4	31
237	Translational use of event-related potentials to assess circuit integrity in ASD. <i>Nature Reviews Neurology</i> , <b>2017</b> , 13, 160-170	15	30
236	Cell-type-specific miR-431 dysregulation in a motor neuron model of spinal muscular atrophy. <i>Human Molecular Genetics</i> , <b>2016</b> , 25, 2168-2181	5.6	30
235	Biallelic Mutations in Lead to Abnormalities Associated with Cortical Tubers in Human iPSC-Derived Neurons. <i>Journal of Neuroscience</i> , <b>2019</b> , 39, 9294-9305	6.6	30



234	Deletion of chromosome 1p36 is associated with periventricular nodular heterotopia. <i>American Journal of Medical Genetics, Part A</i> , <b>2006</b> , 140, 1692-5	2.5	29
233	SMA-MAP: a plasma protein panel for spinal muscular atrophy. <i>PLoS ONE</i> , <b>2013</b> , 8, e60113	3.7	29
232	Clinical and genetic characterization of AP4B1-associated SPG47. <i>American Journal of Medical Genetics, Part A</i> , <b>2018</b> , 176, 311-318	2.5	29
231	Febrile infection-related epilepsy syndrome (FIRES): does duration of anesthesia affect outcome?. <i>Epilepsia</i> , <b>2011</b> , 52 Suppl 8, 28-30	6.4	28
230	The Stress-Induced Atf3-Gelsolin Cascade Underlies Dendritic Spine Deficits in Neuronal Models of Tuberous Sclerosis Complex. <i>Journal of Neuroscience</i> , <b>2015</b> , 35, 10762-72	6.6	27
229	Scalp EEG spikes predict impending epilepsy in TSC infants: A longitudinal observational study. <i>Epilepsia</i> , <b>2019</b> , 60, 2428-2436	6.4	27
228	Diffusion tensor imaging and related techniques in tuberous sclerosis complex: review and future directions. <i>Future Neurology</i> , <b>2013</b> , 8, 583-597	1.5	27
227	Cerebellar Development and Autism Spectrum Disorder in Tuberous Sclerosis Complex. <i>Journal of Child Neurology</i> , <b>2015</b> , 30, 1954-62	2.5	26
226	Sturge-Weber Syndrome: Brain Magnetic Resonance Imaging and Neuropathology Findings. <i>Pediatric Neurology</i> , <b>2016</b> , 58, 25-30	2.9	26
225	Altered Structural Brain Networks in Tuberous Sclerosis Complex. <i>Cerebral Cortex</i> , <b>2016</b> , 26, 2046-58	5.1	26
224	Recurrence quantification analysis of resting state EEG signals in autism spectrum disorder - a systematic methodological exploration of technical and demographic confounders in the search for biomarkers. <i>BMC Medicine</i> , <b>2018</b> , 16, 101	11.4	26
223	Early autism symptoms in infants with tuberous sclerosis complex. <i>Autism Research</i> , <b>2017</b> , 10, 1981-1990	5.1	25
222	Murine Glut-1 transporter haploinsufficiency: postnatal deceleration of brain weight and reactive astrocytosis. <i>Neurobiology of Disease</i> , <b>2009</b> , 36, 60-9	7.5	25
221	Large-scale targeted sequencing identifies risk genes for neurodevelopmental disorders. <i>Nature Communications</i> , <b>2020</b> , 11, 4932	17.4	25
220	Neurobehavioral phenotype of autism spectrum disorder associated with germline heterozygous mutations in PTEN. <i>Translational Psychiatry</i> , <b>2019</b> , 9, 253	8.6	24
219	EphA7 signaling guides cortical dendritic development and spine maturation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2014</b> , 111, 4994-9	11.5	24
218	Adaptor protein complex 4 deficiency: a paradigm of childhood-onset hereditary spastic paraplegia caused by defective protein trafficking. <i>Human Molecular Genetics</i> , <b>2020</b> , 29, 320-334	5.6	24
217	Clinical significance of ADAMTS1, ADAMTS5, ADAMTS9 aggrecanases and IL-17A, IL-23, IL-33 cytokines in polycystic ovary syndrome. <i>Journal of Endocrinological Investigation</i> , <b>2016</b> , 39, 1269-1275	5.2	24



216	Autism spectrum disorder and epileptic encephalopathy: common causes, many questions. <i>Journal of Neurodevelopmental Disorders</i> , <b>2017</b> , 9, 23	4.6	22
215	Low-level mosaicism in tuberous sclerosis complex: prevalence, clinical features, and risk of disease transmission. <i>Genetics in Medicine</i> , <b>2019</b> , 21, 2639-2643	8.1	21
214	Corpus Callosum White Matter Diffusivity Reflects Cumulative Neurological Comorbidity in Tuberous Sclerosis Complex. <i>Cerebral Cortex</i> , <b>2018</b> , 28, 3665-3672	5.1	21
213	A magnetic resonance imaging study of cerebellar volume in tuberous sclerosis complex. <i>Pediatric Neurology</i> , <b>2013</b> , 48, 105-10	2.9	21
212	Epileptogenesis in neurocutaneous disorders with focus in Sturge Weber syndrome. <i>F1000Research</i> , <b>2016</b> , 5,	3.6	21
211	Increased Survival and Partly Preserved Cognition in a Patient With ACO2-Related Disease Secondary to a Novel Variant. <i>Journal of Child Neurology</i> , <b>2017</b> , 32, 840-845	2.5	20
210	Tubers are neither static nor discrete: Evidence from serial diffusion tensor imaging. <i>Neurology</i> , <b>2015</b> , 85, 1536-45	6.5	20
209	Increased electroencephalography connectivity precedes epileptic spasm onset in infants with tuberous sclerosis complex. <i>Epilepsia</i> , <b>2019</b> , 60, 1721-1732	6.4	20
208	Comparative Effectiveness of Laparoscopic Sleeve Gastrectomy on Morbidly Obese, Super-Obese, and Super-Super Obese Patients for the Treatment of Morbid Obesity. <i>Obesity Surgery</i> , <b>2018</b> , 28, 1484-1491	3.7	20
207	Chronic mTORC1 inhibition rescues behavioral and biochemical deficits resulting from neuronal Depdc5 loss in mice. <i>Human Molecular Genetics</i> , <b>2019</b> , 28, 2952-2964	5.6	19
206	Utility of the Autism Observation Scale for Infants in Early Identification of Autism in Tuberous Sclerosis Complex. <i>Pediatric Neurology</i> , <b>2017</b> , 75, 80-86	2.9	19
205	Translational research: Rett syndrome and tuberous sclerosis complex. <i>Current Opinion in Pediatrics</i> , <b>2011</b> , 23, 633-9	3.2	19
204	Kzf1 - a novel KRAB zinc finger protein encoding gene expressed during rat spermatogenesis. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , <b>1998</b> , 1398, 321-9		19
203	Thyroid cancer in hyperthyroidism: incidence rates and value of ultrasound-guided fine-needle aspiration biopsy in this patient group. <i>Journal of Endocrinological Investigation</i> , <b>2005</b> , 28, 815-8	5.2	19
202	Epilepsy and Neurodevelopmental Comorbidities in Tuberous Sclerosis Complex: A Natural History Study. <i>Pediatric Neurology</i> , <b>2020</b> , 106, 10-16	2.9	18
201	The effects of nasolacrimal canal blockage on topical medications for glaucoma. <i>Acta Ophthalmologica</i> , <b>1996</b> , 74, 411-3		18
200	The effects of dimethyl sulfoxide on liver damage caused by ischemia-reperfusion. <i>Transplantation Proceedings</i> , <b>2004</b> , 36, 2590-2	1.1	18
199	Prolonged treatment of refractory status epilepticus in a child. <i>Journal of Child Neurology</i> , <b>2001</b> , 16, 147-50	5.9	18

198	Does large-bowel enema reduce septic complications in acute pancreatitis?. <i>American Journal of Surgery</i> , <b>1998</b> , 176, 331-4	2.7	18
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36	Effects of artichoke leaf extract on hepatic ischemia-reperfusion injury.. <i>Revista Da Associação Médica Brasileira</i> , <b>2021</b> ,	1.4	1
35	Comment on: "Managing Diabetic Foot Ulcers: Pharmacotherapy for Wound Healing".. <i>Drugs</i> , <b>2022</b> , 82, 485	12.1	1
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