Mustafa Sahin

List of Publications by Year in Descending Order

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	The research landscape of tuberous sclerosis complex-associated neuropsychiatric disorders (TAND)-a comprehensive scoping review.. *Journal of Neurodevelopmental Disorders*, **2022**, 14, 13	4.6	0
340	Single-cell dissection of the human brain vasculature.. *Nature*, **2022**,	50.4	8
339	AP-4-mediated axonal transport controls endocannabinoid production in neurons.. *Nature Communications*, **2022**, 13, 1058	17.4	3
338	Comment on: "Managing Diabetic Foot Ulcers: Pharmacotherapy for Wound Healing".. *Drugs*, **2022**, 82, 485	12.1	1
337	Empowering Families Through Technology: A Mobile-Health Project to Reduce the TAND Identification and Treatment Gap (TANDem).. *Frontiers in Psychiatry*, **2022**, 13, 834628	5	1
336	Validation of a computational phenotype for finding patients eligible for genetic testing for pathogenic PTEN variants across three centers.. *Journal of Neurodevelopmental Disorders*, **2022**, 14, 24	4.6	0
335	Improving clinical trial readiness to accelerate development of new therapeutics for Rett syndrome.. *Orphanet Journal of Rare Diseases*, **2022**, 17, 108	4.2	0
334	Artichoke for biochemistry, histology, and gene expression in obstructive jaundice.. *Revista Da Associação Médica Brasileira*, **2022**, 68, 647-652	1.4	
333	The non-essential TSC complex component TBC1D7 restricts tissue mTORC1 signaling and brain and neuron growth.. *Cell Reports*, **2022**, 39, 110824	10.6	
332	Blended Phenotype of Silver-Russell Syndrome and SPG50 Caused by Maternal Isodisomy of Chromosome 7. *Neurology: Genetics*, **2021**, 7, e544	3.8	3
331	Parent-reported measure of repetitive behavior in Phelan-McDermid syndrome. *Journal of Neurodevelopmental Disorders*, **2021**, 13, 53	4.6	0
330	A recurrent SHANK3 frameshift variant in Autism Spectrum Disorder. *Npj Genomic Medicine*, **2021**, 6, 91	6.2	1
329	A tissue-bioengineering strategy for modeling rare human kidney diseases in vivo. *Nature Communications*, **2021**, 12, 6496	17.4	2
328	Profile of Autism Spectrum Disorder in Tuberous Sclerosis Complex: Results from a Longitudinal, Prospective, Multisite Study. *Annals of Neurology*, **2021**, 90, 874-886	9.4	2
327	Multivariate data analysis identifies natural clusters of Tuberous Sclerosis Complex Associated Neuropsychiatric Disorders (TAND). *Orphanet Journal of Rare Diseases*, **2021**, 16, 447	4.2	2
326	Enhanced prime editing systems by manipulating cellular determinants of editing outcomes. *Cell*, **2021**, 184, 5635-5652.e29	56.2	48
325	Phenotypic characterization of Cdkl5-knockdown neurons establishes elongated cilia as a functional assay for CDKL5 Deficiency Disorder. *Neuroscience Research*, **2021**,	2.9	2

324	Endothelial p.R183Q Increases ANGPT2 (Angiopoietin-2) and Drives Formation of Enlarged Blood Vessels. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2021**, ATVBAHA121316651	9.4	0
323	Pain during sexual activity and ejaculation following hernia repair: A retrospective comparison of transabdominal preperitoneal versus Lichtenstein repair. *Andrologia*, **2021**, 53, e13947	2.4	4
322	Germline Pathogenic Variants Identified by Targeted Next-Generation Sequencing of Susceptibility Genes in Pheochromocytoma and Paraganglioma. *Journal of Kidney Cancer and VHL*, **2021**, 8, 19-24	1.4	0
321	A randomized double-blind controlled trial of everolimus in individuals with mutations: Study design and statistical considerations. *Contemporary Clinical Trials Communications*, **2021**, 21, 100733	1.8	1
320	Clinical characteristics and outcomes of COVID-19 in patients with type 2 diabetes in Turkey: A nationwide study (TurCoviDia). *Journal of Diabetes*, **2021**, 13, 585-595	3.8	7
319	Shifted phase of EEG cross-frequency coupling in individuals with Phelan-McDermid syndrome. *Molecular Autism*, **2021**, 12, 29	6.5	1
318	Unexpectedly lower mortality rates in COVID-19 patients with and without type 2 diabetes in Istanbul. *Diabetes Research and Clinical Practice*, **2021**, 174, 108753	7.4	6
317	16p11.2 deletion is associated with hyperactivation of human iPSC-derived dopaminergic neuron networks and is rescued by RHOA inhibition in vitro. *Nature Communications*, **2021**, 12, 2897	17.4	5
316	Generation and characterization of human induced pluripotent stem cells (iPSCs) from three male and three female patients with CDKL5 Deficiency Disorder (CDD). *Stem Cell Research*, **2021**, 53, 102276	1.6	1
315	Generation and characterization of six human induced pluripotent stem cell lines (iPSC) from three families with AP4M1-associated hereditary spastic paraplegia (SPG50). *Stem Cell Research*, **2021**, 53, 102335	1.6	
314	Factors influencing the acute pentylenetetrazole-induced seizure paradigm and a literature review. *Annals of Clinical and Translational Neurology*, **2021**, 8, 1388-1397	5.3	2
313	Clinical outcomes of non-diabetic COVID-19 patients with different blood glucose levels: a nationwide Turkish study (TurCoGlycemia). *Endocrine*, **2021**, 73, 261-269	4	1
312	The Mid-Term Effects of Transit Bipartition with Sleeve Gastrectomy on Glycemic Control, Weight Loss, and Nutritional Status in Patients with Type 2 Diabetes Mellitus: a Retrospective Analysis of a 3-Year Follow-up. *Obesity Surgery*, **2021**, 31, 4724-4733	3.7	0
311	Balancing serendipity and reproducibility: Pluripotent stem cells as experimental systems for intellectual and developmental disorders. *Stem Cell Reports*, **2021**, 16, 1446-1457	8	7
310	Disease Severity and Motor Impairment Correlate With Health-Related Quality of Life in AP-4-Associated Hereditary Spastic Paraplegia. *Neurology: Genetics*, **2021**, 7, e605	3.8	0
309	Subependymal giant cell astrocytomas are characterized by mTORC1 hyperactivation, a very low somatic mutation rate, and a unique gene expression profile. *Modern Pathology*, **2021**, 34, 264-279	9.8	1
308	Response Regarding: The Effects of Platelet-Rich Plasma to Decrease the Risk of Seroma Formation After Mastectomy and Axillary Dissection. *Journal of Surgical Research*, **2021**, 259, 575	2.5	
307	The Short-Term Effects of Transit Bipartition with Sleeve Gastrectomy and Distal-Roux-en-Y Gastric Bypass on Glycemic Control, Weight Loss, and Nutritional Status in Morbidly Obese and Type 2 Diabetes Mellitus Patients. *Obesity Surgery*, **2021**, 31, 2062-2071	3.7	4

306	Cross-level analysis of molecular and neurobehavioral function in a prospective series of patients with germline heterozygous PTEN mutations with and without autism. *Molecular Autism*, **2021**, 12, 5	6.5	2
305	Tuber Locations Associated with Infantile Spasms Map to a Common Brain Network. *Annals of Neurology*, **2021**, 89, 726-739	9.4	8
304	Brief Report: Role of Parent-Reported Executive Functioning and Anxiety in Insistence on Sameness in Individuals with Germline PTEN Mutations. *Journal of Autism and Developmental Disorders*, **2021**, 1	4.6	2
303	Psychiatric Characteristics Across Individuals With Mutations. *Frontiers in Psychiatry*, **2021**, 12, 672070	5	0
302	Lower COVID-19 Mortality in Patients with Type 2 Diabetes Mellitus Taking Dipeptidyl Peptidase-4 Inhibitors: Results from a Turkish Nationwide Study. *Diabetes Therapy*, **2021**, 12, 2857-2870	3.6	3
301	No association of anti-osteoporosis drugs with COVID-19-related outcomes in women: a nationwide cohort study. *Osteoporosis International*, **2021**, 1	5.3	1
300	A novel mutation in a patient with familial renal hypouricemia type 2. *Nefrologia*, **2021**,	1.5	
299	Toward better characterization of restricted and repetitive behaviors in individuals with germline heterozygous PTEN mutations. *American Journal of Medical Genetics, Part A*, **2021**, 185, 3401-3410	2.5	0
298	Strong evidence for genotype-phenotype correlations in Phelan-McDermid syndrome: Results from the developmental Synaptopathies consortium. *Human Molecular Genetics*, **2021**,	5.6	2
297	Systematic Analysis of Brain MRI Findings in Adaptor Protein Complex 4-Associated Hereditary Spastic Paraplegia. *Neurology*, **2021**, 97, e1942-e1954	6.5	1
296	High-throughput imaging of ATG9A distribution as a diagnostic functional assay for adaptor protein complex 4-associated hereditary spastic paraplegia. *Brain Communications*, **2021**, 3, fcab221	4.5	1
295	Updated International Tuberous Sclerosis Complex Diagnostic Criteria and Surveillance and Management Recommendations. *Pediatric Neurology*, **2021**, 123, 50-66	2.9	33
294	Epilepsy Is Heterogeneous in Early-Life Tuberous Sclerosis Complex. *Pediatric Neurology*, **2021**, 123, 1-9	2.9	1
293	Guidelines for the use and interpretation of assays for monitoring autophagy (4th edition). *Autophagy*, **2021**, 17, 1-382	10.2	440
292	Effects of artichoke leaf extract on hepatic ischemia-reperfusion injury.. *Revista Da Associa*□*o M*□*dica Brasileira*, **2021**,	1.4	1
291	Developing and evaluating treatments for the challenges of autism and related neurodevelopmental disabilities. *Journal of Neurodevelopmental Disorders*, **2021**, 13, 56	4.6	0
290	Timing of laparoscopic cholecystectomy in acute cholecystitis. *Nigerian Journal of Clinical Practice*, **2021**, 24, 156-160	1	1
289	Tuberous sclerosis: a review of the past, present, and future. *Turkish Journal of Medical Sciences*, **2020**, 50, 1665-1676	2.7	10

288	Tau: A Novel Entry Point for mTOR-Based Treatments in Autism Spectrum Disorder?. *Neuron*, **2020**, 106, 359-361	13.9	6
287	Related molecular mechanisms of COVID-19, hypertension, and diabetes. *American Journal of Physiology - Endocrinology and Metabolism*, **2020**, 318, E881	6	1
286	Psychometric Study of the Social Responsiveness Scale in Phelan-McDermid Syndrome. *Autism Research*, **2020**, 13, 1383-1396	5.1	4
285	LEARNING TO DETECT BRAIN LESIONS FROM NOISY ANNOTATIONS **2020**, 2020, 1910-1914	1.5	3
284	Pilot Study of Neurodevelopmental Impact of Early Epilepsy Surgery in Tuberous Sclerosis Complex. *Pediatric Neurology*, **2020**, 109, 39-46	2.9	15
283	The acromegaly registry of ten different centers in Turkey. *Growth Hormone and IGF Research*, **2020** , 53-54, 101322	2	2
282	Epilepsy and Neurodevelopmental Comorbidities in Tuberous Sclerosis Complex: A Natural History Study. *Pediatric Neurology*, **2020**, 106, 10-16	2.9	18
281	A novel approach to conducting clinical trials in the community setting: utilizing patient-driven platforms and social media to drive web-based patient recruitment. *BMC Medical Research Methodology*, **2020**, 20, 58	4.7	10
280	Neurocutaneous disorders **2020**, 1-26		0
279	Recent advances in human stem cell-based modeling of Tuberous Sclerosis Complex. *Molecular Autism*, **2020**, 11, 16	6.5	11
278	Lobectomy may not be suitable for patients with follicular neoplasm cytology. *Turkish Journal of Medical Sciences*, **2020**, 50, 8-11	2.7	0
277	Posterior Neocortex-Specific Regulation of Neuronal Migration by CEP85L Identifies Maternal Centriole-Dependent Activation of CDK5. *Neuron*, **2020**, 106, 246-255.e6	13.9	8
276	Beliefs in vaccine as causes of autism among SPARK cohort caregivers. *Vaccine*, **2020**, 38, 1794-1803	4.1	8
275	Diffusion Tensor Imaging Abnormalities in the Uncinate Fasciculus and Inferior Longitudinal Fasciculus in Phelan-McDermid Syndrome. *Pediatric Neurology*, **2020**, 106, 24-31	2.9	4
274	Frequency of thyroid nodules and thyroid cancer in thyroidectomized patients with GravesRdisease. *Archives of Medical Science*, **2020**, 16, 302-307	2.9	4
273	Deep learning in rare disease. Detection of tubers in tuberous sclerosis complex. *PLoS ONE*, **2020**, 15, e0232376	3.7	6
272	Auditory Processing of Speech and Tones in Children With Tuberous Sclerosis Complex. *Frontiers in Integrative Neuroscience*, **2020**, 14, 14	3.2	5
271	Loss of ap4s1 in zebrafish leads to neurodevelopmental defects resembling spastic paraplegia 52. *Annals of Clinical and Translational Neurology*, **2020**, 7, 584-589	5.3	7

270	Modeling Neurodevelopmental Deficits in Tuberous Sclerosis Complex with Stem Cell Derived Neural Precursors and Neurons. *Advances in Neurobiology*, **2020**, 25, 1-31	2.1	1
269	A Cell-Based Assay Optimized for High-Content Cilia Imaging with Primary Rat Hippocampal Neurons. *STAR Protocols*, **2020**, 1, 100189	1.4	1
268	Large-scale targeted sequencing identifies risk genes for neurodevelopmental disorders. *Nature Communications*, **2020**, 11, 4932	17.4	25
267	Adaptor protein complex 4 deficiency: a paradigm of childhood-onset hereditary spastic paraplegia caused by defective protein trafficking. *Human Molecular Genetics*, **2020**, 29, 320-334	5.6	24
266	Language predictors of autism spectrum disorder in young children with tuberous sclerosis complex. *Epilepsy and Behavior*, **2020**, 103, 106844	3.2	6
265	EEG Spectral Features in Sleep of Autism Spectrum Disorders in Children with Tuberous Sclerosis Complex. *Journal of Autism and Developmental Disorders*, **2020**, 50, 916-923	4.6	0
264	Lesion-Constrained Electrical Source Imaging: A Novel Approach in Epilepsy Surgery for Tuberous Sclerosis Complex. *Journal of Clinical Neurophysiology*, **2020**, 37, 79-86	2.2	1
263	The Connectivity Fingerprint of the Fusiform Gyrus Captures the Risk of Developing Autism in Infants with Tuberous Sclerosis Complex. *Cerebral Cortex*, **2020**, 30, 2199-2214	5.1	3
262	Defining the clinical, molecular and imaging spectrum of adaptor protein complex 4-associated hereditary spastic paraplegia. *Brain*, **2020**, 143, 2929-2944	11.2	12
261	Phenotypic Screen with TSC-Deficient Neurons Reveals Heat-Shock Machinery as a Druggable Pathway for mTORC1 and Reduced Cilia. *Cell Reports*, **2020**, 31, 107780	10.6	6
260	Epilepsy Risk Prediction Model for Patients With Tuberous Sclerosis Complex. *Pediatric Neurology*, **2020**, 113, 46-50	2.9	3
259	The Effects of Platelet-Rich Plasma to Decrease the Risk of Seroma Formation After Mastectomy and Axillary Dissection. *Journal of Surgical Research*, **2020**, 256, 156-162	2.5	4
258	The Impact of COVID-19 on Individuals With Intellectual and Developmental Disabilities: Clinical and Scientific Priorities. *American Journal of Psychiatry*, **2020**, 177, 1091-1093	11.9	41
257	Polymicrogyria is Associated With Pathogenic Variants in PTEN. *Annals of Neurology*, **2020**, 88, 1153-1164	9.4	4
256	Deep learning in rare disease. Detection of tubers in tuberous sclerosis complex **2020**, 15, e0232376		
255	Deep learning in rare disease. Detection of tubers in tuberous sclerosis complex **2020**, 15, e0232376		
254	Deep learning in rare disease. Detection of tubers in tuberous sclerosis complex **2020**, 15, e0232376		
253	Deep learning in rare disease. Detection of tubers in tuberous sclerosis complex **2020**, 15, e0232376		

252	Generation and characterization of six human induced pluripotent stem cell lines (iPSC) from three families with AP4B1-associated hereditary spastic paraplegia (SPG47). *Stem Cell Research*, **2019**, 40, 101575	1.6	9
251	A framework for the investigation of rare genetic disorders in neuropsychiatry. *Nature Medicine*, **2019**, 25, 1477-1487	50.5	46
250	Chronic mTORC1 inhibition rescues behavioral and biochemical deficits resulting from neuronal Depdc5 loss in mice. *Human Molecular Genetics*, **2019**, 28, 2952-2964	5.6	19
249	Low-level mosaicism in tuberous sclerosis complex: prevalence, clinical features, and risk of disease transmission. *Genetics in Medicine*, **2019**, 21, 2639-2643	8.1	21
248	Meta-analysis and multidisciplinary consensus statement: exome sequencing is a first-tier clinical diagnostic test for individuals with neurodevelopmental disorders. *Genetics in Medicine*, **2019**, 21, 2413-2421	8.1	164
247	Genetic Etiologies, Diagnosis, and Treatment of Tuberous Sclerosis Complex. *Annual Review of Genomics and Human Genetics*, **2019**, 20, 217-240	9.7	42
246	Tuberous Sclerosis Complex Genotypes and Developmental Phenotype. *Pediatric Neurology*, **2019**, 96, 58-63	2.9	10
245	Increased TSLP, IL-33, IL-25, IL-19, IL 21 and amphiregulin (AREG) levels in chronic rhinosinusitis with nasal polyp. *European Archives of Oto-Rhino-Laryngology*, **2019**, 276, 1685-1691	3.5	8
244	A unified circuit for social behavior. *Neurobiology of Learning and Memory*, **2019**, 165, 106920	3.1	12
243	Reproducibility of Structural and Diffusion Tensor Imaging in the TACERN Multi-Center Study. *Frontiers in Integrative Neuroscience*, **2019**, 13, 24	3.2	15
242	Early patterns of functional brain development associated with autism spectrum disorder in tuberous sclerosis complex. *Autism Research*, **2019**, 12, 1758-1773	5.1	15
241	Exome sequencing of 457 autism families recruited online provides evidence for autism risk genes. *Npj Genomic Medicine*, **2019**, 4, 19	6.2	84
240	Increased electroencephalography connectivity precedes epileptic spasm onset in infants with tuberous sclerosis complex. *Epilepsia*, **2019**, 60, 1721-1732	6.4	20
239	Resting-State fMRI Networks in Children with Tuberous Sclerosis Complex. *Journal of Neuroimaging* , **2019**, 29, 750-759	2.8	4
238	The Evolution of Subclinical Seizures in Children With Tuberous Sclerosis Complex. *Journal of Child Neurology*, **2019**, 34, 770-777	2.5	6
237	White matter mean diffusivity correlates with myelination in tuberous sclerosis complex. *Annals of Clinical and Translational Neurology*, **2019**, 6, 1178-1190	5.3	13
236	Metabolite Profiling by Hyphenated Liquid Chromatographic Mass Spectrometric Technique (HPLC-DAD-ESI-Q-TOF-MS/MS) and Neurobiological Potential of Haplophyllum sahinii and H. vulcanicum Extracts. *Chemistry and Biodiversity*, **2019**, 16, e1900333	2.5	4
235	Translational Medicine Strategies in Drug Development for Neurodevelopmental Disorders. *Handbook of Behavioral Neuroscience*, **2019**, 309-331	0.7	1

234	Neurobehavioral phenotype of autism spectrum disorder associated with germline heterozygous mutations in PTEN. *Translational Psychiatry*, **2019**, 9, 253	8.6	24
233	Biallelic Mutations in Lead to Abnormalities Associated with Cortical Tubers in Human iPSC-Derived Neurons. *Journal of Neuroscience*, **2019**, 39, 9294-9305	6.6	30
232	Scalp EEG spikes predict impending epilepsy in TSC infants: A longitudinal observational study. *Epilepsia*, **2019**, 60, 2428-2436	6.4	27
231	Impacting development in infants with tuberous sclerosis complex: Multidisciplinary research collaboration. *American Psychologist*, **2019**, 74, 356-367	9.5	5
230	Early white matter development is abnormal in tuberous sclerosis complex patients who develop autism spectrum disorder. *Journal of Neurodevelopmental Disorders*, **2019**, 11, 36	4.6	13
229	Discrimination of cancerous and healthy colon tissues: A new laser-based method. *Lasers in Surgery and Medicine*, **2019**, 51, 363-369	3.6	3
228	Motion-robust diffusion compartment imaging using simultaneous multi-slice acquisition. *Magnetic Resonance in Medicine*, **2019**, 81, 3314-3329	4.4	6
227	Longitudinal Effects of Everolimus on White Matter Diffusion in Tuberous Sclerosis Complex. *Pediatric Neurology*, **2019**, 90, 24-30	2.9	13
226	Comparison of effectiveness of the home exercise program and the home exercise program taught by physiotherapist in knee osteoarthritis. *Journal of Back and Musculoskeletal Rehabilitation*, **2019**, 32, 161-169	1.4	4
225	Volumetric Analysis of the Basal Ganglia and Cerebellar Structures in Patients with Phelan-McDermid Syndrome. *Pediatric Neurology*, **2019**, 90, 37-43	2.9	14
224	Yield of Emergent Neuroimaging in Patients With Sturge-Weber Syndrome Presenting With Acute Neurologic Symptoms. *Journal of Child Neurology*, **2019**, 34, 17-21	2.5	1
223	Corpus Callosum White Matter Diffusivity Reflects Cumulative Neurological Comorbidity in Tuberous Sclerosis Complex. *Cerebral Cortex*, **2018**, 28, 3665-3672	5.1	21
222	Quantitative Apparent Diffusion Coefficient Mapping May Predict Seizure Onset in Children With Sturge-Weber Syndrome. *Pediatric Neurology*, **2018**, 84, 32-38	2.9	9
221	Visual and semi-automatic non-invasive detection of interictal fast ripples: A potential biomarker of epilepsy in children with tuberous sclerosis complex. *Clinical Neurophysiology*, **2018**, 129, 1458-1466	4.3	32
220	SPARK: A US Cohort of 50,000 Families to Accelerate Autism Research. *Neuron*, **2018**, 97, 488-493	13.9	112
219	Purkinje cells derived from TSC patients display hypoexcitability and synaptic deficits associated with reduced FMRP levels and reversed by rapamycin. *Molecular Psychiatry*, **2018**, 23, 2167-2183	15.1	56
218	Abnormal mTOR Activation in Autism. *Annual Review of Neuroscience*, **2018**, 41, 1-23	17	97
217	A mouse model of DEPDC5-related epilepsy: Neuronal loss of Depdc5 causes dysplastic and ectopic neurons, increased mTOR signaling, and seizure susceptibility. *Neurobiology of Disease*, **2018**, 111, 91-101	7.5	52

216	Vigabatrin for Epileptic Spasms and Tonic Seizures in Tuberous Sclerosis Complex. *Journal of Child Neurology*, **2018**, 33, 519-524	2.5	16
215	Placebo-controlled crossover assessment of mecasermin for the treatment of Rett syndrome. *Annals of Clinical and Translational Neurology*, **2018**, 5, 323-332	5.3	42
214	Cerebellar volume as an imaging marker of development in infants with tuberous sclerosis complex. *Neurology*, **2018**, 90, e1493-e1500	6.5	6
213	Laparoscopic Ileal Interposition with Diverted Sleeve Gastrectomy Versus Laparoscopic Transit Bipartition with Sleeve Gastrectomy for Better Glycemic Outcomes in T2DM Patients. *Obesity Surgery*, **2018**, 28, 77-86	3.7	17
212	Ultra-low dose of intravitreal bevacizumab in retinopathy of prematurity. *Irish Journal of Medical Science*, **2018**, 187, 417-421	1.9	9
211	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. *BMC Medicine*, **2018**, 16, 101	11.4	26
210	mTORing across the Cortex by Chopping the Cilia. *Neuron*, **2018**, 99, 3-5	13.9	1
209	The Way Forward for Mechanism-Based Therapeutics in Genetically Defined Neurodevelopmental Disorders. *Clinical Pharmacology and Therapeutics*, **2018**, 104, 603-606	6.1	1
208	mGluR5 Modulation of Behavioral and Epileptic Phenotypes in a Mouse Model of Tuberous Sclerosis Complex. *Neuropsychopharmacology*, **2018**, 43, 1457-1465	8.7	16
207	PROBING MECHANICAL PROPERTIES OF BRAIN IN A TUBEROUS SCLEROSIS MODEL OF AUTISM. *Journal of Biomechanical Engineering*, **2018**,	2.1	3
206	Comparative Effectiveness of Laparoscopic Sleeve Gastrectomy on Morbidly Obese, Super-Obese, and Super-Super Obese Patients for the Treatment of Morbid Obesity. *Obesity Surgery*, **2018**, 28, 1484-1491	3.7	20
205	Clinical and genetic characterization of AP4B1-associated SPG47. *American Journal of Medical Genetics, Part A*, **2018**, 176, 311-318	2.5	29
204	Port site hernia after laparoscopic sleeve gastrectomy: a retrospective cohort study of 352 patients. *Updates in Surgery*, **2018**, 70, 91-95	2.9	2
203	Automated Detection of High Frequency Oscillations in Human Scalp Electroencephalogram. *Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference*, **2018**, 2018, 3116-3119	0.9	1
202	Electrographic spikes are common in wildtype mice. *Epilepsy and Behavior*, **2018**, 89, 94-98	3.2	7
201	Sensitive Periods for Cerebellar-Mediated Autistic-like Behaviors. *Cell Reports*, **2018**, 25, 357-367.e4	10.6	41
200	High vigabatrin dosage is associated with lower risk of infantile spasms relapse among children with tuberous sclerosis complex. *Epilepsy Research*, **2018**, 148, 1-7	3	15
199	Data-driven analyses revealed the comorbidity landscape of tuberous sclerosis complex. *Neurology*, **2018**, 91, 974-976	6.5	12

198	The mouse as a model for neuropsychiatric drug development. *Current Biology*, **2018**, 28, R909-R914	6.3	15
197	Neuronal activity regulates DROSHA via autophagy in spinal muscular atrophy. *Scientific Reports*, **2018**, 8, 7907	4.9	11
196	Diagnostic role of neutrophil-lymphocyte ratio in oral cavity cancers. *Nigerian Journal of Clinical Practice*, **2018**, 21, 49-53	1	5
195	A New Algorithm to Reduce the Incidence of Gastroesophageal Reflux Symptoms after Laparoscopic Sleeve Gastrectomy. *Obesity Surgery*, **2017**, 27, 1460-1465	3.7	16
194	Reply to the Letter to the Editor on "A New Algorithm to Reduce the Incidence of Gastroesophageal Reflux Symptoms after Laparoscopic Sleeve Gastrectomy". *Obesity Surgery*, **2017**, 27, 1063-1064	3.7	
193	Using tuberous sclerosis complex to understand the impact of MTORC1 signaling on mitochondrial dynamics and mitophagy in neurons. *Autophagy*, **2017**, 13, 754-756	10.2	14
192	Translational use of event-related potentials to assess circuit integrity in ASD. *Nature Reviews Neurology*, **2017**, 13, 160-170	15	30
191	Neuronal CTGF/CCN2 negatively regulates myelination in a mouse model of tuberous sclerosis complex. *Journal of Experimental Medicine*, **2017**, 214, 681-697	16.6	52
190	Combination Clearance Therapy and Barbiturate Coma for Severe Carbamazepine Overdose. *Pediatrics*, **2017**, 139,	7.4	6
189	Revisional Surgery After Failed Laparoscopic Sleeve Gastrectomy: Retrospective Analysis of Causes, Results, and Technical Considerations. *Obesity Surgery*, **2017**, 27, 2855-2860	3.7	32
188	Influence of seizures on early development in tuberous sclerosis complex. *Epilepsy and Behavior*, **2017**, 70, 245-252	3.2	95
187	p62/SQSTM1 Cooperates with Hyperactive mTORC1 to Regulate Glutathione Production, Maintain Mitochondrial Integrity, and Promote Tumorigenesis. *Cancer Research*, **2017**, 77, 3255-3267	10.1	32
186	Defining Hand Stereotypies in Rett Syndrome: A Movement Disorders Perspective. *Pediatric Neurology*, **2017**, 75, 91-95	2.9	10
185	Increased Survival and Partly Preserved Cognition in a Patient With ACO2-Related Disease Secondary to a Novel Variant. *Journal of Child Neurology*, **2017**, 32, 840-845	2.5	20
184	The effect of single incision laparoscopic cholecystectomy on systemic oxidative stress: a prospective clinical trial. *Annals of Surgical Treatment and Research*, **2017**, 92, 179-183	2	3
183	Classification of respiratory disturbances in Rett Syndrome patients using Restricted Boltzmann Machine. *Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference*, **2017**, 2017, 442-445	0.9	4
182	Aberrant Proteostasis of BMAL1 Underlies Circadian Abnormalities in a Paradigmatic mTOR-opathy. *Cell Reports*, **2017**, 20, 868-880	10.6	48
181	Early autism symptoms in infants with tuberous sclerosis complex. *Autism Research*, **2017**, 10, 1981-1990	5.1	25

180	Everolimus for treatment of tuberous sclerosis complex-associated neuropsychiatric disorders. *Annals of Clinical and Translational Neurology*, **2017**, 4, 877-887	5.3	59
179	Presentation and Diagnosis of Tuberous Sclerosis Complex in Infants. *Pediatrics*, **2017**, 140,	7.4	63
178	Utility of the Autism Observation Scale for Infants in Early Identification of Autism in Tuberous Sclerosis Complex. *Pediatric Neurology*, **2017**, 75, 80-86	2.9	19
177	Autism spectrum disorder and epileptic encephalopathy: common causes, many questions. *Journal of Neurodevelopmental Disorders*, **2017**, 9, 23	4.6	22
176	Replicable in vivo physiological and behavioral phenotypes of the null mutant mouse model of autism. *Molecular Autism*, **2017**, 8, 26	6.5	70
175	Effect of lifestyle interventions with or without metformin therapy on serum levels of osteoprotegerin and receptor activator of nuclear factor kappa B ligand in patients with prediabetes. *Endocrine*, **2017**, 55, 410-415	4	5
174	Somatic GNAQ Mutation is Enriched in Brain Endothelial Cells in Sturge-Weber Syndrome. *Pediatric Neurology*, **2017**, 67, 59-63	2.9	31
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