Mustafa Sahin

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/978304/publications.pdf

Version: 2024-02-01

374 papers	23,978 citations	11608 70 h-index	10127 140 g-index
426 all docs	426 docs citations	426 times ranked	27728 citing authors

#	Article	IF	Citations
1	Promoting Axon Regeneration in the Adult CNS by Modulation of the PTEN/mTOR Pathway. Science, 2008, 322, 963-966.	6.0	1,455
2	Guidelines for the use and interpretation of assays for monitoring autophagy (4th) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 702 Td (edition	4.3	1,430
3	Tuberous Sclerosis Complex Diagnostic Criteria Update: Recommendations of the 2012 International Tuberous Sclerosis Complex Consensus Conference. Pediatric Neurology, 2013, 49, 243-254.	1.0	1,185
4	Autistic-like behaviour and cerebellar dysfunction in Purkinje cell Tsc1 mutant mice. Nature, 2012, 488, 647-651.	13.7	756
5	Tuberous Sclerosis Complex Surveillance and Management: Recommendations of the 2012 International Tuberous Sclerosis Complex Consensus Conference. Pediatric Neurology, 2013, 49, 255-265.	1.0	693
6	ATM signals to TSC2 in the cytoplasm to regulate mTORC1 in response to ROS. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 4153-4158.	3.3	628
7	The Neurology of mTOR. Neuron, 2014, 84, 275-291.	3.8	594
8	EphA Receptors Regulate Growth Cone Dynamics through the Novel Guanine Nucleotide Exchange Factor Ephexin. Cell, 2001, 105, 233-244.	13.5	491
9	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. Journal of Neuroscience, 2008, 28, 5422-5432.	1.7	445
10	A Mouse Model of Tuberous Sclerosis: Neuronal Loss of Tsc1 Causes Dysplastic and Ectopic Neurons, Reduced Myelination, Seizure Activity, and Limited Survival. Journal of Neuroscience, 2007, 27, 5546-5558.	1.7	410
11	Loss of the Tuberous Sclerosis Complex Tumor Suppressors Triggers the Unfolded Protein Response to Regulate Insulin Signaling and Apoptosis. Molecular Cell, 2008, 29, 541-551.	4.5	389
12	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.	1.1	378
13	Enhanced prime editing systems by manipulating cellular determinants of editing outcomes. Cell, 2021, 184, 5635-5652.e29.	13.5	332
14	Somatic Mutations in Cerebral Cortical Malformations. New England Journal of Medicine, 2014, 371, 733-743.	13.9	326
15	Febrile infection-related epilepsy syndrome (FIRES): Pathogenesis, treatment, and outcome. Epilepsia, 2011, 52, 1956-1965.	2.6	294
16	Cdk5 regulates EphA4-mediated dendritic spine retraction through an ephexin1-dependent mechanism. Nature Neuroscience, 2007, 10, 67-76.	7.1	285
17	The Circadian Protein BMAL1 Regulates Translation in Response to S6K1-Mediated Phosphorylation. Cell, 2015, 161, 1138-1151.	13.5	270
18	SPARK: A US Cohort of 50,000 Families to Accelerate Autism Research. Neuron, 2018, 97, 488-493.	3.8	265

#	Article	IF	Citations
19	S6K1 Regulates GSK3 under Conditions of mTOR-Dependent Feedback Inhibition of Akt. Molecular Cell, 2006, 24, 185-197.	4.5	260
20	Tuberous Sclerosis Complex and Epilepsy: Recent Developments and Future Challenges. Epilepsia, 2007, 48, 617-630.	2.6	246
21	Tuberous sclerosis complex proteins control axon formation. Genes and Development, 2008, 22, 2485-2495.	2.7	238
22	Tsc2-Rheb signaling regulates EphA-mediated axon guidance. Nature Neuroscience, 2010, 13, 163-172.	7.1	235
23	Genes, circuits, and precision therapies for autism and related neurodevelopmental disorders. Science, 2015, 350, .	6.0	230
24	Updated International Tuberous Sclerosis Complex Diagnostic Criteria and Surveillance and Management Recommendations. Pediatric Neurology, 2021, 123, 50-66.	1.0	230
25	Tuberous Sclerosis Associated Neuropsychiatric Disorders (TAND) and the TAND Checklist. Pediatric Neurology, 2015, 52, 25-35.	1.0	229
26	EphB-Mediated Degradation of the RhoA GEF Ephexin5 Relieves a Developmental Brake on Excitatory Synapse Formation. Cell, 2010, 143, 442-455.	13.5	226
27	A tuberous sclerosis complex signalling node at the peroxisome regulates mTORC1 and autophagy in response to ROS. Nature Cell Biology, 2013, 15, 1186-1196.	4.6	218
28	Vav Family GEFs Link Activated Ephs to Endocytosis and Axon Guidance. Neuron, 2005, 46, 205-217.	3.8	217
29	Eph-Dependent Tyrosine Phosphorylation of Ephexin1 Modulates Growth Cone Collapse. Neuron, 2005, 46, 191-204.	3.8	216
30	Mosaic and Intronic Mutations in TSC1/TSC2 Explain the Majority of TSC Patients with No Mutation Identified by Conventional Testing. PLoS Genetics, 2015, 11, e1005637.	1.5	209
31	Outcome of Severe Refractory Status Epilepticus in Children. Epilepsia, 2002, 42, 1461-1467.	2.6	193
32	Interaction of survival of motor neuron (SMN) and HuD proteins with mRNA cpg15 rescues motor neuron axonal deficits. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 10337-10342.	3.3	185
33	Characterization of Autism in Young Children With Tuberous Sclerosis Complex. Journal of Child Neurology, 2008, 23, 520-525.	0.7	167
34	Exome sequencing of 457 autism families recruited online provides evidence for autism risk genes. Npj Genomic Medicine, 2019, 4, 19.	1.7	163
35	Autism and the synapse. Current Opinion in Neurology, 2015, 28, 91-102.	1.8	156
36	Regulable neural progenitor-specific Tsc1 loss yields giant cells with organellar dysfunction in a model of tuberous sclerosis complex. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, E1070-9.	3.3	155

#	Article	IF	Citations
37	Human CHN1 Mutations Hyperactivate Î±2-Chimaerin and Cause Duane's Retraction Syndrome. Science, 2008, 321, 839-843.	6.0	152
38	Abnormal mTOR Activation in Autism. Annual Review of Neuroscience, 2018, 41, 1-23.	5.0	152
39	Tuberous Sclerosis Complex Activity Is Required to Control Neuronal Stress Responses in an mTOR-Dependent Manner. Journal of Neuroscience, 2009, 29, 5926-5937.	1.7	151
40	Brain functional networks in syndromic and non-syndromic autism: a graph theoretical study of EEG connectivity. BMC Medicine, 2013, 11, 54.	2.3	149
41	Copy number variation plays an important role in clinical epilepsy. Annals of Neurology, 2014, 75, 943-958.	2.8	147
42	Replicable in vivo physiological and behavioral phenotypes of the Shank3B null mutant mouse model of autism. Molecular Autism, 2017, 8, 26.	2.6	135
43	Single-cell dissection of the human brain vasculature. Nature, 2022, 603, 893-899.	13.7	135
44	Influence of seizures on early development in tuberous sclerosis complex. Epilepsy and Behavior, 2017, 70, 245-252.	0.9	132
45	Evaluation of SMN Protein, Transcript, and Copy Number in the Biomarkers for Spinal Muscular Atrophy (BforSMA) Clinical Study. PLoS ONE, 2012, 7, e33572.	1.1	130
46	Endothelial cell-fatty acid binding protein 4 promotes angiogenesis: role of stem cell factor/c-kit pathway. Angiogenesis, 2012, 15, 457-468.	3.7	129
47	Congenital disorders of autophagy: an emerging novel class of inborn errors of neuro-metabolism. Brain, 2016, 139, 317-337.	3.7	126
48	SMN regulates axonal local translation via miR-183/mTOR pathway. Human Molecular Genetics, 2014, 23, 6318-6331.	1.4	125
49	Impaired Mitochondrial Dynamics and Mitophagy in Neuronal Models of Tuberous Sclerosis Complex. Cell Reports, 2016, 17, 1053-1070.	2.9	125
50	Cerebellar associative sensory learning defects in five mouse autism models. ELife, 2015, 4, e06085.	2.8	120
51	Tuberous Sclerosis Complex. Pediatric Clinics of North America, 2015, 62, 633-648.	0.9	119
52	Gestational immune activation and Tsc2 haploinsufficiency cooperate to disrupt fetal survival and may perturb social behavior in adult mice. Molecular Psychiatry, 2012, 17, 62-70.	4.1	117
53	Loss of White Matter Microstructural Integrity Is Associated with Adverse Neurological Outcome in Tuberous Sclerosis Complex. Academic Radiology, 2012, 19, 17-25.	1.3	111
54	Genetic Etiologies, Diagnosis, and Treatment of Tuberous Sclerosis Complex. Annual Review of Genomics and Human Genetics, 2019, 20, 217-240.	2.5	108

#	Article	IF	Citations
55	Regulation of EphA4 Kinase Activity Is Required for a Subset of Axon Guidance Decisions Suggesting a Key Role for Receptor Clustering in Eph Function. Neuron, 2005, 47, 515-528.	3.8	106
56	Large-scale targeted sequencing identifies risk genes for neurodevelopmental disorders. Nature Communications, 2020, 11, 4932.	5.8	105
57	Homozygous PLCB1 deletion associated with malignant migrating partial seizures in infancy. Epilepsia, 2012, 53, e146-50.	2.6	104
58	MicroRNA Profiling Reveals Two Distinct p53-Related Human Pluripotent Stem Cell States. Cell Stem Cell, 2010, 7, 671-681.	5.2	98
59	TSC1/TSC2 signaling in the CNS. FEBS Letters, 2011, 585, 973-980.	1.3	93
60	Clinical Electroencephalographic Biomarker for Impending Epilepsy in Asymptomatic Tuberous Sclerosis Complex Infants. Pediatric Neurology, 2016, 54, 29-34.	1.0	93
61	Location of nicotinic and muscarinic cholinergic and Î¼-opiate receptors in rat cerebral neocortex: evidence from thalamic and cortical lesions. Brain Research, 1992, 579, 135-147.	1.1	92
62	Clinical Presentation and Diagnosis of Tuberous Sclerosis Complex in Infancy. Journal of Child Neurology, 2008, 23, 268-273.	0.7	92
63	Everolimus for treatment of tuberous sclerosis complexâ€associated neuropsychiatric disorders. Annals of Clinical and Translational Neurology, 2017, 4, 877-887.	1.7	92
64	Neuronal CTGF/CCN2 negatively regulates myelination in a mouse model of tuberous sclerosis complex. Journal of Experimental Medicine, 2017, 214, 681-697.	4.2	91
65	Characterizing brain tissue by assessment of the distribution of anisotropic microstructural environments in diffusionâ€compartment imaging (DIAMOND). Magnetic Resonance in Medicine, 2016, 76, 963-977.	1.9	90
66	Presentation and Diagnosis of Tuberous Sclerosis Complex in Infants. Pediatrics, 2017, 140, .	1.0	90
67	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.	4.1	90
68	A framework for the investigation of rare genetic disorders in neuropsychiatry. Nature Medicine, 2019, 25, 1477-1487.	15.2	90
69	Symptom profiles of autism spectrum disorder in tuberous sclerosis complex. Neurology, 2016, 87, 766-772.	1.5	89
70	Neuronal Tsc1/2 complex controls autophagy through AMPK-dependent regulation of ULK1. Human Molecular Genetics, 2014, 23, 3865-3874.	1.4	85
71	Sensitive Periods for Cerebellar-Mediated Autistic-like Behaviors. Cell Reports, 2018, 25, 357-367.e4.	2.9	82
72	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.	2.1	79

#	Article	IF	Citations
73	The Impact of COVID-19 on Individuals With Intellectual and Developmental Disabilities: Clinical and Scientific Priorities. American Journal of Psychiatry, 2020, 177, 1091-1093.	4.0	78
74	Prolonged treatment for acute symptomatic refractory status epilepticus. Neurology, 2003, 61, 398-401.	1.5	73
75	RASA1 functions in EPHB4 signaling pathway to suppress endothelial mTORC1 activity. Journal of Clinical Investigation, 2014, 124, 2774-2784.	3.9	73
76	Impaired Language Pathways in Tuberous Sclerosis Complex Patients with Autism Spectrum Disorders. Cerebral Cortex, 2013, 23, 1526-1532.	1.6	72
77	Engineering microdeletions and microduplications by targeting segmental duplications with CRISPR. Nature Neuroscience, 2016, 19, 517-522.	7.1	72
78	Candidate Proteins, Metabolites and Transcripts in the Biomarkers for Spinal Muscular Atrophy (BforSMA) Clinical Study. PLoS ONE, 2012, 7, e35462.	1.1	71
79	Early developmental trajectories associated with ASD in infants with tuberous sclerosis complex. Neurology, 2014, 83, 160-168.	1.5	71
80	Mechanisms of neurocognitive dysfunction and therapeutic considerations in tuberous sclerosis complex. Current Opinion in Neurology, 2011, 24, 106-113.	1.8	69
81	Aberrant Proteostasis of BMAL1ÂUnderlies Circadian Abnormalities in a Paradigmatic mTOR-opathy. Cell Reports, 2017, 20, 868-880.	2.9	69
82	Neurobehavioral phenotype of autism spectrum disorder associated with germline heterozygous mutations in PTEN. Translational Psychiatry, 2019, 9, 253.	2.4	67
83	Molecular identification of the lugaro cell in the cat cerebellar cortex. Journal of Comparative Neurology, 1990, 301, 575-584.	0.9	64
84	Recurrence quantification analysis of resting state EEG signals in autism spectrum disorder â€“ a systematic methodological exploration of technical and demographic confounders in the search for biomarkers. BMC Medicine, 2018, 16, 101.	2.3	64
85	Targeted treatment trials for tuberous sclerosis and autism: no longer a dream. Current Opinion in Neurobiology, 2012, 22, 895-901.	2.0	63
86	Biallelic Mutations inTSC2Lead to Abnormalities Associated with Cortical Tubers in Human iPSC-Derived Neurons. Journal of Neuroscience, 2019, 39, 9294-9305.	1.7	60
87	Neonatal Subependymal Giant Cell Astrocytoma: New Case and Review of Literature. Pediatric Neurology, 2007, 36, 128-131.	1.0	59
88	Diffusion Features of White Matter in Tuberous Sclerosis With Tractography. Pediatric Neurology, 2010, 42, 101-106.	1.0	59
89	Placeboâ€controlled crossover assessment of mecasermin for the treatment of Rett syndrome. Annals of Clinical and Translational Neurology, 2018, 5, 323-332.	1.7	58
90	Disorders of Microtubule Function in Neurons: Imaging Correlates. American Journal of Neuroradiology, 2016, 37, 528-535.	1.2	56

#	Article	IF	Citations
91	Protein tyrosine phosphatases expressed in the developing rat brain. Journal of Neuroscience, 1993, 13, 4968-4978.	1.7	55
92	SMN Deficiency Reduces Cellular Ability to Form Stress Granules, Sensitizing Cells to Stress. Cellular and Molecular Neurobiology, 2011, 31, 541-550.	1.7	55
93	Mechanism-Based Treatment in Tuberous Sclerosis Complex. Pediatric Neurology, 2014, 50, 290-296.	1.0	55
94	Somatic GNAQ Mutation is Enriched in Brain Endothelial Cells inÂSturgeâ€“Weber Syndrome. Pediatric Neurology, 2017, 67, 59-63.	1.0	54
95	NMDA Mediated Contextual Conditioning Changes miRNA Expression. PLoS ONE, 2011, 6, e24682.	1.1	53
96	Seven protein tyrosine phosphatases are differentially expressed in the developing rat brain. Journal of Comparative Neurology, 1995, 351, 617-631.	0.9	50
97	Febrile infectionâ€“related epilepsy syndrome (FIRES): Does duration of anesthesia affect outcome?. Epilepsia, 2011, 52, 28-30.	2.6	50
98	Direct current stimulation induces mGluR5â€dependent neocortical plasticity. Annals of Neurology, 2016, 80, 233-246.	2.8	50
99	The Neuroprotective Drug Riluzole Acts via Small Conductance Ca²⁺-Activated K⁺Channels to Ameliorate Defects in Spinal Muscular Atrophy Models. Journal of Neuroscience, 2013, 33, 6557-6562.	1.7	49
100	p62/SQSTM1 Cooperates with Hyperactive mTORC1 to Regulate Glutathione Production, Maintain Mitochondrial Integrity, and Promote Tumorigenesis. Cancer Research, 2017, 77, 3255-3267.	0.4	49
101	Tuberous Sclerosis: A New Frontier in Targeted Treatment of Autism. Neurotherapeutics, 2015, 12, 572-583.	2.1	47
102	Clinical and genetic characterization of AP4B1â€associated SPG47. American Journal of Medical Genetics, Part A, 2018, 176, 311-318.	0.7	47
103	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.	0.7	46
104	Translational use of event-related potentials to assess circuit integrity in ASD. Nature Reviews Neurology, 2017, 13, 160-170.	4.9	45
105	Scalp EEG spikes predict impending epilepsy in TSC infants: A longitudinal observational study. Epilepsia, 2019, 60, 2428-2436.	2.6	45
106	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.	1.4	45
107	Early autism symptoms in infants with tuberous sclerosis complex. Autism Research, 2017, 10, 1981-1990.	2.1	44
108	Autism spectrum disorder and epileptic encephalopathy: common causes, many questions. Journal of Neurodevelopmental Disorders, 2017, 9, 23.	1.5	44

#	Article	IF	Citations
109	Graded loss of tuberin in an allelic series of brain models of TSC correlates with survival, and biochemical, histological and behavioral features. Human Molecular Genetics, 2012, 21, 4286-4300.	1.4	43
110	Advances and Future Directions for Tuberous Sclerosis Complex Research: Recommendations From the 2015 Strategic Planning Conference. Pediatric Neurology, 2016, 60, 1-12.	1.0	43
111	Discovering translational biomarkers in neurodevelopmental disorders. Nature Reviews Drug Discovery, 2018, , .	21.5	43
112	Low-level mosaicism in tuberous sclerosis complex: prevalence, clinical features, and risk of disease transmission. Genetics in Medicine, 2019, 21, 2639-2643.	1.1	43
113	Cardiac Rhabdomyomas in Tuberous Sclerosis Complex Show Apoptosis Regulation and mTOR Pathway Abnormalities. Pediatric and Developmental Pathology, 2009, 12, 89-95.	0.5	42
114	Revisional Surgery After Failed Laparoscopic Sleeve Gastrectomy: Retrospective Analysis of Causes, Results, and Technical Considerations. Obesity Surgery, 2017, 27, 2855-2860.	1.1	42
115	Tuberous sclerosis: a review of the past, present, and future. Turkish Journal of Medical Sciences, 2020, 50, 1665-1676.	0.4	42
116	Diffusion tensor imaging and related techniques in tuberous sclerosis complex: review and future directions. Future Neurology, 2013, 8, 583-597.	0.9	40
117	The Stress-Induced Atf3-Gelsolin Cascade Underlies Dendritic Spine Deficits in Neuronal Models of Tuberous Sclerosis Complex. Journal of Neuroscience, 2015, 35, 10762-10772.	1.7	40
118	SMA-MAP: A Plasma Protein Panel for Spinal Muscular Atrophy. PLoS ONE, 2013, 8, e60113.	1.1	40
119	Retinoic acid isomers protect hippocampal neurons from amyloid-Î² induced neurodegeneration. Neurotoxicity Research, 2005, 7, 243-250.	1.3	39
120	Prenatal Rapamycin Results in Early and Late Behavioral Abnormalities in Wildtype C57Bl/6 Mice. Behavior Genetics, 2013, 43, 51-59.	1.4	38
121	Cerebellar Development and Autism Spectrum Disorder in Tuberous Sclerosis Complex. Journal of Child Neurology, 2015, 30, 1954-1962.	0.7	38
122	Cell-type-specific miR-431 dysregulation in a motor neuron model of spinal muscular atrophy. Human Molecular Genetics, 2016, 25, 2168-2181.	1.4	38
123	Sturge-Weber Syndrome: Brain Magnetic Resonance Imaging andÂNeuropathology Findings. Pediatric Neurology, 2016, 58, 25-30.	1.0	37
124	Increased electroencephalography connectivity precedes epileptic spasm onset in infants with tuberous sclerosis complex. Epilepsia, 2019, 60, 1721-1732.	2.6	37
125	Epilepsy and Neurodevelopmental Comorbidities in Tuberous Sclerosis Complex: A Natural History Study. Pediatric Neurology, 2020, 106, 10-16.	1.0	37
126	Altered Structural Brain Networks in Tuberous Sclerosis Complex. Cerebral Cortex, 2016, 26, 2046-2058.	1.6	36

#	Article	IF	Citations
127	EphA7 signaling guides cortical dendritic development and spine maturation. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 4994-4999.	3.3	35
128	Chronic mTORC1 inhibition rescues behavioral and biochemical deficits resulting from neuronal Depdc5 loss in mice. Human Molecular Genetics, 2019, 28, 2952-2964.	1.4	35
129	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.	5.8	35
130	Deletion of chromosome 1p36 is associated with periventricular nodular heterotopia. American Journal of Medical Genetics, Part A, 2006, 140A, 1692-1695.	0.7	34
131	Sonographically guided percutaneous treatment of hepatic hydatid cysts: Long-term results. Journal of Clinical Ultrasound, 2000, 28, 469-478.	0.4	33
132	A Mathematical Framework for the Registration and Analysis of Multi-Fascicle Models for Population Studies of the Brain Microstructure. IEEE Transactions on Medical Imaging, 2014, 33, 504-517.	5.4	33
133	Reproducibility of Structural and Diffusion Tensor Imaging in the TACERN Multi-Center Study. Frontiers in Integrative Neuroscience, 2019, 13, 24.	1.0	32
134	Early white matter development is abnormal in tuberous sclerosis complex patients who develop autism spectrum disorder. Journal of Neurodevelopmental Disorders, 2019, 11, 36.	1.5	32
135	Strong evidence for genotypeâ€“phenotype correlations in Phelan-McDermid syndrome: results from the developmental synaptopathies consortium. Human Molecular Genetics, 2022, 31, 625-637.	1.4	32
136	mGluR5 Modulation of Behavioral and Epileptic Phenotypes in a Mouse Model of Tuberous Sclerosis Complex. Neuropsychopharmacology, 2018, 43, 1457-1465.	2.8	32
137	Clinical significance of ADAMTS1, ADAMTS5, ADAMTS9 aggrecanases and IL-17A, IL-23, IL-33 cytokines in polycystic ovary syndrome. Journal of Endocrinological Investigation, 2016, 39, 1269-1275.	1.8	29
138	Early patterns of functional brain development associated with autism spectrum disorder in tuberous sclerosis complex. Autism Research, 2019, 12, 1758-1773.	2.1	29
139	Defining the clinical, molecular and imaging spectrum of adaptor protein complex 4-associated hereditary spastic paraplegia. Brain, 2020, 143, 2929-2944.	3.7	29
140	Tubers are neither static nor discrete. Neurology, 2015, 85, 1536-1545.	1.5	28
141	Utility of the Autism Observation Scale for Infants in Early Identification of Autism in Tuberous Sclerosis Complex. Pediatric Neurology, 2017, 75, 80-86.	1.0	28
142	Epileptogenesis in neurocutaneous disorders with focus in Sturge Weber syndrome. F1000Research, 2016, 5, 370.	0.8	28
143	Thyroid cancer in hyperthyroidism: Incidence rates and value of ultrasound-guided fine-needle aspiration biopsy in this patient group. Journal of Endocrinological Investigation, 2005, 28, 815-818.	1.8	26
144	Murine Glut-1 transporter haploinsufficiency: Postnatal deceleration of brain weight and reactive astrocytosis. Neurobiology of Disease, 2009, 36, 60-69.	2.1	26

#	Article	IF	Citations
145	Preclinical Atherosclerosis in Patients with Prolactinoma. Endocrine Practice, 2014, 20, 447-451.	1.1	26
146	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.	1.1	26
147	The mouse as a model for neuropsychiatric drug development. Current Biology, 2018, 28, R909-R914.	1.8	26
148	Clinical characteristics and outcomes of <scp>COVID</scp>â€19 in patients with type 2 diabetes in <scp>Turkey</scp>: A nationwide study (<scp>TurCoviDia</scp>). Journal of Diabetes, 2021, 13, 585-595.	0.8	26
149	A Magnetic Resonance Imaging Study of Cerebellar Volume in Tuberous Sclerosis Complex. Pediatric Neurology, 2013, 48, 105-110.	1.0	25
150	Corpus Callosum White Matter Diffusivity Reflects Cumulative Neurological Comorbidity in Tuberous Sclerosis Complex. Cerebral Cortex, 2018, 28, 3665-3672.	1.6	25
151	High vigabatrin dosage is associated with lower risk of infantile spasms relapse among children with tuberous sclerosis complex. Epilepsy Research, 2018, 148, 1-7.	0.8	25
152	Translational research. Current Opinion in Pediatrics, 2011, 23, 633-639.	1.0	24
153	Vigabatrin for Epileptic Spasms and Tonic Seizures in Tuberous Sclerosis Complex. Journal of Child Neurology, 2018, 33, 519-524.	0.7	24
154	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.	1.1	24
155	White matter mean diffusivity correlates with myelination in tuberous sclerosis complex. Annals of Clinical and Translational Neurology, 2019, 6, 1178-1190.	1.7	24
156	Recent advances in human stem cell-based modeling of Tuberous Sclerosis Complex. Molecular Autism, 2020, 11, 16.	2.6	24
157	Tuber Locations Associated with Infantile Spasms Map to a Common Brain Network. Annals of Neurology, 2021, 89, 726-739.	2.8	24
158	Superâ€resolution reconstruction in frequency, image, and wavelet domains to reduce throughâ€plane partial voluming in MRI. Medical Physics, 2015, 42, 6919-6932.	1.6	23
159	Pilot Study of Neurodevelopmental Impact of Early Epilepsy Surgery in Tuberous Sclerosis Complex. Pediatric Neurology, 2020, 109, 39-46.	1.0	23
160	Deep learning in rare disease. Detection of tubers in tuberous sclerosis complex. PLoS ONE, 2020, 15, e0232376.	1.1	23
161	Mendelian etiologies identified with whole exome sequencing in cerebral palsy. Annals of Clinical and Translational Neurology, 2022, 9, 193-205.	1.7	23
162	The effects of dimethyl sulfoxide on liver damage caused by ischemia-reperfusion. Transplantation Proceedings, 2004, 36, 2590-2592.	0.3	22

#	Article	IF	Citations
163	Increased Survival and Partly Preserved Cognition in a Patient WithACO2-Related Disease Secondary to a Novel Variant. Journal of Child Neurology, 2017, 32, 840-845.	0.7	22
164	A unified circuit for social behavior. Neurobiology of Learning and Memory, 2019, 165, 106920.	1.0	22
165	Kzf1 â€“ a novel KRAB zinc finger protein encoding gene expressed during rat spermatogenesis. Biochimica Et Biophysica Acta Gene Regulatory Mechanisms, 1998, 1398, 321-329.	2.4	21
166	The effects of nasolacrimal canal blockage on topical medications for glaucoma. Acta Ophthalmologica, 1996, 74, 411-413.	0.4	21
167	Vitamin D Treatment in Patients with Hashimotoâ€™s Thyroiditis may Decrease the Development of Hypothyroidism. International Journal for Vitamin and Nutrition Research, 2016, 86, 9-17.	0.6	21
168	Midterm Clinical Outcomes of Antrum Resection Margin at Laparoscopic Sleeve Gastrectomy for Morbid Obesity. Obesity Surgery, 2017, 27, 910-916.	1.1	21
169	Tuberous Sclerosis Complex Genotypes and Developmental Phenotype. Pediatric Neurology, 2019, 96, 58-63.	1.0	21
170	Longitudinal Effects of Everolimus on White Matter Diffusion in Tuberous Sclerosis Complex. Pediatric Neurology, 2019, 90, 24-30.	1.0	21
171	Does large-bowel enema reduce septic complications in acute pancreatitis?11This study was performed in the Experimental Medical Research Center of SelÃ§uk University, Konya, Turkey.. American Journal of Surgery, 1998, 176, 331-334.	0.9	20
172	Characterizing Multiscale Mechanical Properties of Brain Tissue Using Atomic Force Microscopy, Impact Indentation, and Rheometry. Journal of Visualized Experiments, 2016, , .	0.2	20
173	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.	1.4	20
174	Balancing serendipity and reproducibility: Pluripotent stem cells as experimental systems for intellectual and developmental disorders. Stem Cell Reports, 2021, 16, 1446-1457.	2.3	20
175	Endothelial GNAQ p.R183Q Increases ANGPT2 (Angiopoietin-2) and Drives Formation of Enlarged Blood Vessels. Arteriosclerosis, Thrombosis, and Vascular Biology, 2022, 42, ATVBAHA121316651.	1.1	20
176	Prolonged Treatment of Refractory Status Epilepticus in a Child. Journal of Child Neurology, 2001, 16, 147-150.	0.7	19
177	Does the Difficulty of Laparoscopic Cholecystectomy Differ Between Genders?. Indian Journal of Surgery, 2015, 77, 452-456.	0.2	19
178	Leveraging a Sturge-Weber Gene Discovery: An Agenda for FutureÂResearch. Pediatric Neurology, 2016, 58, 12-24.	1.0	19
179	Data-driven analyses revealed the comorbidity landscape of tuberous sclerosis complex. Neurology, 2018, 91, 974-976.	1.5	19
180	Volumetric Analysis of the Basal Ganglia and Cerebellar Structures in Patients with Phelan-McDermid Syndrome. Pediatric Neurology, 2019, 90, 37-43.	1.0	19

#	Article	IF	Citations
181	Posterior Neocortex-Specific Regulation of Neuronal Migration by CEP85L Identifies Maternal Centriole-Dependent Activation of CDK5. Neuron, 2020, 106, 246-255.e6.	3.8	19
182	AP-4-mediated axonal transport controls endocannabinoid production in neurons. Nature Communications, 2022, 13, 1058.	5.8	19
183	Evaluation of lymphatic drainage of cold thyroid nodules with intratumoral injection of Tc-99m nanocolloid. Clinical Nuclear Medicine, 2001, 26, 602-605.	0.7	18
184	Divergent dysregulation of gene expression in murine models of fragile X syndrome and tuberous sclerosis. Molecular Autism, 2014, 5, 16.	2.6	18
185	Visual Evoked Potentials as a Readout of Cortical Function in Infants With Tuberous Sclerosis Complex. Journal of Child Neurology, 2016, 31, 195-202.	0.7	18
186	A New Algorithm to Reduce the Incidence of Gastroesophageal Reflux Symptoms after Laparoscopic Sleeve Gastrectomy.. Obesity Surgery, 2017, 27, 1460-1465.	1.1	18
187	Using tuberous sclerosis complex to understand the impact of MTORC1 signaling on mitochondrial dynamics and mitophagy in neurons. Autophagy, 2017, 13, 754-756.	4.3	18
188	Expression of PTPH1, a rat protein tyrosine phosphatase, is restricted to the derivatives of a specific diencephalic segment.. Proceedings of the National Academy of Sciences of the United States of America, 1995, 92, 7859-7863.	3.3	17
189	Longitudinal Changes in Diffusion Properties in White Matter Pathways of Children With Tuberous Sclerosis Complex. Pediatric Neurology, 2015, 52, 615-623.	1.0	17
190	Characterizing the DIstribution of Anisotropic MicrO-structural eNvironments with Diffusion-Weighted Imaging (DIAMOND). Lecture Notes in Computer Science, 2013, 16, 518-526.	1.0	17
191	Serum soluble Fas levels in patients with autoimmune rheumatic diseases. Clinical Biochemistry, 2007, 40, 6-10.	0.8	16
192	Atypical Face Processing in Children With Tuberous Sclerosis Complex. Journal of Child Neurology, 2013, 28, 1569-1576.	0.7	16
193	Neuronal activity regulates DROSHA via autophagy in spinal muscular atrophy. Scientific Reports, 2018, 8, 7907.	1.6	16
194	Phenotypic Screen with TSC-Deficient Neurons Reveals Heat-Shock Machinery as a Druggable Pathway for mTORC1 and Reduced Cilia. Cell Reports, 2020, 31, 107780.	2.9	16
195	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.	2.9	16
196	Maximum A Posteriori Estimation of Isotropic High-Resolution Volumetric MRI from Orthogonal Thick-Slice Scans. Lecture Notes in Computer Science, 2010, 13, 109-116.	1.0	16
197	Diagnostic role of neutrophil-lymphocyte ratio in oral cavity cancers. Nigerian Journal of Clinical Practice, 2018, 21, 49.	0.2	16
198	Focal seizure and cerebral contrast retention after cardiac catheterization. Pediatric Neurology, 2005, 32, 213-216.	1.0	15

#	Article	IF	Citations
199	Cardiac rhabdomyoma in tuberous sclerosis: Hyperactive Erk signaling. International Journal of Cardiology, 2009, 132, 145-147.	0.8	15
200	Micro-duplications of 1q32.1 associated with neurodevelopmental delay. European Journal of Medical Genetics, 2012, 55, 145-150.	0.7	15
201	Effect of Angiofibromas on Quality of Life and Access to Care in Tuberous Sclerosis Patients and Their Caregivers. Pediatric Dermatology, 2016, 33, 518-525.	0.5	15
202	Loss of ap4s1 in zebrafish leads to neurodevelopmental defects resembling spastic paraplegia 52. Annals of Clinical and Translational Neurology, 2020, 7, 584-589.	1.7	15
203	The syndrome of perisylvian polymicrogyria with congenital arthrogryposis. Brain and Development, 2010, 32, 550-555.	0.6	14
204	Defining Hand Stereotypies in Rett Syndrome: A Movement Disorders Perspective. Pediatric Neurology, 2017, 75, 91-95.	1.0	14
205	Ultra-low dose of intravitreal bevacizumab in retinopathy of prematurity. Irish Journal of Medical Science, 2018, 187, 417-421.	0.8	14
206	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.	0.3	14
207	Language predictors of autism spectrum disorder in young children with tuberous sclerosis complex. Epilepsy and Behavior, 2020, 103, 106844.	0.9	14
208	Polymicrogyria is Associated With Pathogenic Variants in PTEN. Annals of Neurology, 2020, 88, 1153-1164.	2.8	14
209	Psychometric Study of the Social Responsiveness Scale in Phelanâ€“McDermid Syndrome. Autism Research, 2020, 13, 1383-1396.	2.1	14
210	Phenotypic characterization of Cdkl5-knockdown neurons establishes elongated cilia as a functional assay for CDKL5 Deficiency Disorder. Neuroscience Research, 2022, 176, 73-78.	1.0	14
211	A tissue-bioengineering strategy for modeling rare human kidney diseases in vivo. Nature Communications, 2021, 12, 6496.	5.8	14
212	Diagnostic Value of Dobutamine Stress Echocardiography in Coronary Artery Disease. Thoracic and Cardiovascular Surgeon, 1994, 42, 285-289.	0.4	13
213	Papillary thyroid cancer case masked by subacute thyroiditis. Arquivos Brasileiros De Endocrinologia E Metabologia, 2014, 58, 851-854.	1.3	13
214	Reversal of neurobehavioral social deficits in dystrophic mice using inhibitors of phosphodiesterases PDE5A and PDE9A. Translational Psychiatry, 2016, 6, e901-e901.	2.4	13
215	Electrographic spikes are common in wildtype mice. Epilepsy and Behavior, 2018, 89, 94-98.	0.9	13
216	Unexpectedly lower mortality rates in COVID-19 patients with and without type 2 diabetes in Istanbul. Diabetes Research and Clinical Practice, 2021, 174, 108753.	1.1	13

#	Article	IF	Citations
217	Factors influencing the acute pentylenetetrazoleâ€induced seizure paradigm and a literature review. Annals of Clinical and Translational Neurology, 2021, 8, 1388-1397.	1.7	13
218	No association of anti-osteoporosis drugs with COVID-19-related outcomes in women: a nationwide cohort study. Osteoporosis International, 2022, 33, 273-282.	1.3	13
219	A Genetic Model to Dissect the Role of Tsc-mTORC1 in Neuronal Cultures. Methods in Molecular Biology, 2012, 821, 393-405.	0.4	13
220	Profile of Autism Spectrum Disorder in Tuberous Sclerosis Complex: Results from a Longitudinal, Prospective, Multisite Study. Annals of Neurology, 2021, 90, 874-886.	2.8	13
221	Developing therapies for spinal muscular atrophy. Annals of the New York Academy of Sciences, 2016, 1366, 5-19.	1.8	12
222	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.	0.4	12
223	Beliefs in vaccine as causes of autism among SPARK cohort caregivers. Vaccine, 2020, 38, 1794-1803.	1.7	12
224	Registration and Analysis of White Matter Group Differences with a Multi-fiber Model. Lecture Notes in Computer Science, 2012, 15, 313-320.	1.0	12
225	Antiepileptic drug-induced visual hallucinations in a child. Pediatric Neurology, 2000, 23, 439-441.	1.0	11
226	Isolated Vitamin D Deficiency Is Not Associated with Nonthyroidal Illness Syndrome, but with Thyroid Autoimmunity. Scientific World Journal, The, 2015, 2015, 1-5.	0.8	11
227	A Vascular Model of Tsc1 Deficiency Accelerates Renal Tumor Formation with Accompanying Hemangiosarcomas. Molecular Cancer Research, 2015, 13, 548-555.	1.5	11
228	Quantitative Apparent Diffusion Coefficient Mapping May Predict Seizure Onset in Children With Sturge-Weber Syndrome. Pediatric Neurology, 2018, 84, 32-38.	1.0	11
229	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.	1.6	11
230	Tau: A Novel Entry Point for mTOR-Based Treatments in Autism Spectrum Disorder?. Neuron, 2020, 106, 359-361.	3.8	11
231	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.	1.1	11
232	A randomized double-blind controlled trial of everolimus in individuals with PTEN mutations: Study design and statistical considerations. Contemporary Clinical Trials Communications, 2021, 21, 100733.	0.5	11
233	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.	1.2	11
234	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.	1.5	11

#	Article	IF	Citations
235	Eph receptor and mTOR pathway crosstalk: Implications for cancer. Cell Cycle, 2010, 9, 2053-2054.	1.3	10
236	The relationship between cytotoxin-associated gene A positiveHelicobacter pyloriinfection and autoimmune thyroid disease. Endocrine Research, 2015, 40, 211-214.	0.6	10
237	Combination Clearance Therapy and Barbiturate Coma for Severe Carbamazepine Overdose. Pediatrics, 2017, 139, .	1.0	10
238	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.	0.8	10
239	Frequency of thyroid nodules and thyroid cancer in thyroidectomized patients with Gravesâ€™ disease. Archives of Medical Science, 2020, 16, 302-307.	0.4	10
240	Systematic Analysis of Brain MRI Findings in Adaptor Protein Complex 4â€“Associated Hereditary Spastic Paraplegia. Neurology, 2021, 97, e1942-e1954.	1.5	10
241	Multivariate data analysis identifies natural clusters of Tuberous Sclerosis Complex Associated Neuropsychiatric Disorders (TAND). Orphanet Journal of Rare Diseases, 2021, 16, 447.	1.2	10
242	A randomized controlled trial of everolimus for neurocognitive symptoms in PTEN hamartoma tumor syndrome. Human Molecular Genetics, 2022, 31, 3393-3404.	1.4	10
243	Newborn screening for neurodevelopmental diseases: Are we there yet?. American Journal of Medical Genetics, Part C: Seminars in Medical Genetics, 2022, 190, 222-230.	0.7	10
244	Minimally invasive management of anastomotic leak after bariatric Roux-en-Y gastric bypass. Journal of Minimal Access Surgery, 2015, 11, 160.	0.4	9
245	Cerebellar volume as an imaging marker of development in infants with tuberous sclerosis complex. Neurology, 2018, 90, e1493-e1500.	1.5	9
246	The Evolution of Subclinical Seizures in Children With Tuberous Sclerosis Complex. Journal of Child Neurology, 2019, 34, 770-777.	0.7	9
247	Impacting development in infants with tuberous sclerosis complex: Multidisciplinary research collaboration.. American Psychologist, 2019, 74, 356-367.	3.8	9
248	Epilepsy Risk Prediction Model for Patients With Tuberous Sclerosis Complex. Pediatric Neurology, 2020, 113, 46-50.	1.0	9
249	Diffusion Tensor Imaging Abnormalities in the Uncinate Fasciculus and Inferior Longitudinal Fasciculus in Phelan-McDermid Syndrome. Pediatric Neurology, 2020, 106, 24-31.	1.0	9
250	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.	2.6	9
251	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, 2022, 52, 414-422.	1.7	9
252	Shifted phase of EEG cross-frequency coupling in individuals with Phelan-McDermid syndrome. Molecular Autism, 2021, 12, 29.	2.6	9

#	Article	IF	Citations
253	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.	0.3	9
254	Loss of Tsc1 in cerebellar Purkinje cells induces transcriptional and translation changes in FMRP target transcripts. ELife, 2021, 10, .	2.8	9
255	Psychiatric Characteristics Across Individuals With PTEN Mutations. Frontiers in Psychiatry, 2021, 12, 672070.	1.3	9
256	A recurrent SHANK3 frameshift variant in Autism Spectrum Disorder. Npj Genomic Medicine, 2021, 6, 91.	1.7	9
257	The research landscape of tuberous sclerosis complexâ€“associated neuropsychiatric disorders (TAND)â€”a comprehensive scoping review. Journal of Neurodevelopmental Disorders, 2022, 14, 13.	1.5	9
258	Improving clinical trial readiness to accelerate development of new therapeutics for Rett syndrome. Orphanet Journal of Rare Diseases, 2022, 17, 108.	1.2	9
259	Gene-based therapeutics for rare genetic neurodevelopmental psychiatric disorders. Molecular Therapy, 2022, 30, 2416-2428.	3.7	9
260	Editorial: Essential Pathways and Circuits of Autism Pathogenesis. Frontiers in Neuroscience, 2016, 10, 182.	1.4	8
261	Metabolite Profiling by Hyphenated Liquid Chromatographic Mass Spectrometric Technique (HPLCâ€DADâ€ESIâ€Qâ€TOFâ€MS/MS) and Neurobiological Potential ofHaplophyllum sahiniiandH. vulcanicumExtracts. Chemistry and Biodiversity, 2019, 16, e1900333.	1.0	8
262	The effects of splenic artery ligation in an experimental model of secondary hypersplenism. Journal of the Royal College of Surgeons of Edinburgh, 2000, 45, 148-52.	0.1	8
263	Reflex sympathetic dystrophy syndrome secondary to organophosphate intoxication induced neuropathy. Annals of Nuclear Medicine, 1994, 8, 299-300.	1.2	7
264	Hydrocephalus associated with glycogen storage disease type II (pompeâ€™s disease). Pediatric Neurology, 1999, 21, 674-676.	1.0	7
265	Same-day colonoscopy preparation withSennaalkaloids and bisacodyl tablets: A pilot study. World Journal of Gastroenterology, 2014, 20, 15382.	1.4	7
266	Does CPAP treatment affect the voice?. Turkish Journal of Medical Sciences, 2016, 46, 1749-1754.	0.4	7
267	Motionâ€robust diffusion compartment imaging using simultaneous multiâ€slice acquisition. Magnetic Resonance in Medicine, 2019, 81, 3314-3329.	1.9	7
268	Auditory Processing of Speech and Tones in Children With Tuberous Sclerosis Complex. Frontiers in Integrative Neuroscience, 2020, 14, 14.	1.0	7
269	Blended Phenotype of Silver-Russell Syndrome and SPG50 Caused by Maternal Isodisomy of Chromosome 7. Neurology: Genetics, 2021, 7, e544.	0.9	7
270	Fragile X Syndrome Therapeutics: Translation, Meet Translational Medicine. Neuron, 2013, 77, 212-213.	3.8	6

#	Article	IF	Citations
271	Vigabatrin can enhance electroretinographic responses in pigmented and albino rats. Documenta Ophthalmologica, 2015, 131, 1-11.	1.0	6
272	Therapeutic Advances in Autism and Other Neurodevelopmental Disorders. Neurotherapeutics, 2015, 12, 519-520.	2.1	6
273	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.	1.1	6
274	Restingâ€State fMRI Networks in Children with Tuberous Sclerosis Complex. Journal of Neuroimaging, 2019, 29, 750-759.	1.0	6
275	Neurocutaneous Syndromes. , 2011, , 2046-2053.e1.		6
276	Does Sacrococcygeal Angle Play a Role on Pilonidal Sinus Etiology?. Prague Medical Report, 2015, 116, 219-224.	0.4	6
277	Parent-reported measure of repetitive behavior in Phelan-McDermid syndrome. Journal of Neurodevelopmental Disorders, 2021, 13, 53.	1.5	6
278	Both Maternal and Pup Genotype Influence Ultrasonic Vocalizations and Early Developmental Milestones in Tsc2^{+/â^'} Mice. Epilepsy Research & Treatment, 2014, 2014, 1-10.	1.4	5
279	Conservative Management of Large Rectosigmoid Perforation under Peritoneal Reflection: Case Report and Review of the Literature. Case Reports in Surgery, 2015, 2015, 1-4.	0.2	5
280	Classification of respiratory disturbances in Rett Syndrome patients using Restricted Boltzmann Machine. , 2017, 2017, 442-445.		5
281	Port site hernia after laparoscopic sleeve gastrectomy: a retrospective cohort study of 352 patients. Updates in Surgery, 2018, 70, 91-95.	0.9	5
282	Probing Mechanical Properties of Brain in a Tuberous Sclerosis Model of Autism. Journal of Biomechanical Engineering, 2019, 141, .	0.6	5
283	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.	0.8	5
284	Learning to Detect Brain Lesions from Noisy Annotations. , 2020, 2020, 1910-1914.		5
285	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.	0.3	5
286	Epilepsy Is Heterogeneous in Early-Life Tuberous Sclerosis Complex. Pediatric Neurology, 2021, 123, 1-9.	1.0	5
287	A gastrointestinal stromal tumor of the third portion of the duodenum treated by wedge resection: A case report. World Journal of Gastrointestinal Surgery, 2013, 5, 332.	0.8	5
288	Pain during sexual activity and ejaculation following hernia repair: A retrospective comparison of transabdominal preperitoneal versus Lichtenstein repair. Andrologia, 2021, 53, e13947.	1.0	5

#	Article	IF	Citations
289	An ectopic parathyroid gland in the left axillary region: case report. International Surgery, 2004, 89, 6-9.	0.0	5
290	Empowering Families Through Technology: A Mobile-Health Project to Reduce the TAND Identification and Treatment Gap (TANDem). Frontiers in Psychiatry, 2022, 13, 834628.	1.3	5
291	Trust but Verify: The Introduction of Plagiarism Detection Software. Pediatric Neurology, 2014, 50, 287.	1.0	4
292	Serum ghrelin levels in papillary thyroid carcinoma. Archives of Endocrinology and Metabolism, 2017, 61, 464-469.	0.3	4
293	Clinical outcomes of non-diabetic COVID-19 patients with different blood glucose levels: a nationwide Turkish study (TurCoGlycemia). Endocrine, 2021, 73, 261-269.	1.1	4
294	Pentavalent Technetium-99m DMSA Uptake in Pseudofractures of Osteomalacia. Clinical Nuclear Medicine, 2001, 26, 62-64.	0.7	4
295	Editorial: Biomarkers to Enable Therapeutics Development in Neurodevelopmental Disorders. Frontiers in Integrative Neuroscience, 2020, 14, 616641.	1.0	4
296	Modeling Neurodevelopmental Deficits in Tuberous Sclerosis Complex with Stem Cell Derived Neural Precursors and Neurons. Advances in Neurobiology, 2020, 25, 1-31.	1.3	4
297	Novel <scp>CAPN1</scp> missense variants in complex hereditary spastic paraplegia with earlyâ€onset psychosis. Annals of Clinical and Translational Neurology, 2022, 9, 570-576.	1.7	4
298	A new echocardiographic parameter of arterial stiffness in end-stage renal disease. Herz, 2014, 39, 749-754.	0.4	3
299	Gene Therapy for Childhood Neurological Disease. Pediatric Neurology, 2014, 51, 595-596.	1.0	3
300	The association of autoimmune thyroiditis and non-functional adrenal incidentalomas with insulin resistance. Archives of Endocrinology and Metabolism, 2015, 59, 42-46.	0.3	3
301	Less aggressive disease in patients with primary squamous cell carcinomas of the thyroid gland and coexisting lymphocytic thyroiditis. Wspolczesna Onkologia, 2015, 6, 458-461.	0.7	3
302	The effect of single incision laparoscopic cholecystectomy on systemic oxidative stress: a prospective clinical trial. Annals of Surgical Treatment and Research, 2017, 92, 179.	0.4	3
303	Automated Detection of High Frequency Oscillations in Human Scalp Electroencephalogram. , 2018, 2018, 3116-3119.		3
304	The Way Forward for Mechanismâ€Based Therapeutics in Genetically Defined Neurodevelopmental Disorders. Clinical Pharmacology and Therapeutics, 2018, 104, 603-606.	2.3	3
305	Discrimination of cancerous and healthy colon tissues: A new laserâ€based method. Lasers in Surgery and Medicine, 2019, 51, 363-369.	1.1	3
306	Lesion-Constrained Electrical Source Imaging. Journal of Clinical Neurophysiology, 2020, 37, 79-86.	0.9	3

#	Article	IF	Citations
307	Related molecular mechanisms of COVID-19, hypertension, and diabetes. American Journal of Physiology - Endocrinology and Metabolism, 2020, 318, E881-E881.	1.8	3
308	Lobectomy may not be suitable for patients with follicular neoplasm cytology. Turkish Journal of Medical Sciences, 2020, 50, 8-11.	0.4	3
309	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.	1.1	3
310	A New Approach to the Complicated Liver Hydatid Cyst â€“ Laparoscopic Roux-en-Y Cystojejunostomy. Prague Medical Report, 2015, 116, 233-238.	0.4	3
311	Neurodevelopmental profile of HIVEP2â€related disorder. Developmental Medicine and Child Neurology, 2022, 64, 654-661.	1.1	3
312	Higher rate of COVID-19 mortality in patients with type 1 than type 2 diabetes: a nationwide study. Endokrynologia Polska, 2022, , .	0.3	3
313	Characterizing dermatologic findings among patients with PTEN hamartoma tumor syndrome: Results of a multicenter cohort study. Journal of the American Academy of Dermatology, 2023, 89, 90-98.	0.6	3
314	Timing of laparoscopic cholecystectomy in acute cholecystitis. Nigerian Journal of Clinical Practice, 2021, 24, 156.	0.2	3
315	The non-essential TSC complex component TBC1D7 restricts tissue mTORC1 signaling and brain and neuron growth. Cell Reports, 2022, 39, 110824.	2.9	3
316	Functional validation of novel variants in <scp>B4GALNT1</scp> associated with earlyâ€onset complex hereditary spastic paraplegia with impaired ganglioside synthesis. American Journal of Medical Genetics, Part A, 2022, 188, 2590-2598.	0.7	3
317	Evaluation of Epicardial Fat Tissue Thickness in Patients with Primary Hyperparathyroidism. Endocrine Practice, 2014, 20, 26-32.	1.1	2
318	Yield of Emergent Neuroimaging in Patients With Sturge-Weber Syndrome Presenting With Acute Neurologic Symptoms. Journal of Child Neurology, 2018, 34, 088307381880163.	0.7	2
319	mTORâ€™ing across the Cortex by Chopping the Cilia. Neuron, 2018, 99, 3-5.	3.8	2
320	Translational Medicine Strategies in Drug Development for Neurodevelopmental Disorders. Handbook of Behavioral Neuroscience, 2019, , 309-331.	0.7	2
321	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.	1.7	2
322	The acromegaly registry of ten different centers in Turkey. Growth Hormone and IGF Research, 2020, 53-54, 101322.	0.5	2
323	Disease Severity and Motor Impairment Correlate With Health-Related Quality of Life in AP-4-Associated Hereditary Spastic Paraplegia. Neurology: Genetics, 2021, 7, e605.	0.9	2
324	Harnessing rare variants in neuropsychiatric and neurodevelopment disordersâ€”a Keystone Symposia report. Annals of the New York Academy of Sciences, 2021, , .	1.8	2

#	Article	IF	Citations
325	A novel mutation in a patient with familial renal hypouricemia type 2. Nefrologia, 2022, 42, 347-350.	0.2	2
326	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.	0.7	2
327	Determination of the frequency of hyperprolactinemia-related etiologies and the etiology-specific mean prolactin levels. Minerva Endocrinology, 2021, , .	0.6	2
328	Autism Spectrum Disorders in Tuberous Sclerosis. , 2014, , 1699-1714.		2
329	Comparison of mid-term clinical outcomes of laparoscopic partial cystectomy versus conventional partial cystectomy for the treatment of hepatic hydatid cyst. Journal of Minimal Access Surgery, 2017, 13, 296.	0.4	2
330	A Cell-Based Assay Optimized for High-Content Cilia Imaging with Primary Rat Hippocampal Neurons. STAR Protocols, 2020, 1, 100189.	0.5	2
331	No association of Gaucher disease with COVIDâ€19â€related outcomes: a nationwide cohort study. Internal Medicine Journal, 2021, , .	0.5	2
332	Comparison of prosthetic materials used for abdominal wall defects or hernias (an experimental) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 4	0.0	2
333	Effects of artichoke leaf extract on hepatic ischemia-reperfusion injury. Revista Da AssociaÃ§Ã£o MÃ©dica Brasileira, 2022, 68, 87-93.	0.3	2
334	Comment on: â€œManaging Diabetic Foot Ulcers: Pharmacotherapy for Wound Healingâ€. Drugs, 2022, 82, 485-486.	4.9	2
335	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.	1.5	2
336	Molecular Signatures of Response to Mecasermin in Children With Rett Syndrome. Frontiers in Neuroscience, 2022, 16, .	1.4	2
337	Limited utility of structural MRI to identify the epileptogenic zone in young children with tuberous sclerosis. Journal of Neuroimaging, 0, , .	1.0	2
338	Parkinson's disease: A disorder of axonal mitophagy?. Movement Disorders, 2014, 29, 1582-1582.	2.2	1
339	Genetics of neurocutaneous disorders. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2015, 132, 3-8.	1.0	1
340	Thrombolytic treatment in aÂpatient with antiphospholipid syndrome. Zeitschrift Fur Rheumatologie, 2016, 75, 838-841.	0.5	1
341	Neurocutaneous disorders. , 2020, , 1-26.		1
342	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.	0.2	1

#	Article	IF	Citations
343	Assessment of diagnostic value of preoperative elastography in thyroid nodules having indeterminate cytology results. Turkish Journal of Medical Sciences, 2021, 51, 2924-2930.	0.4	1
344	Calcitonin levels in washout samples vs. cytology in detection of malignant lymph node metastasis in recurrent medullary thyroid cancer. Turkish Journal of Medical Sciences, 2021, , .	0.4	1
345	Giant pubertal prolactinoma: Complete resolution following short term carbegoline treatment. Nigerian Journal of Clinical Practice, 2016, 19, 685.	0.2	1
346	Developing and evaluating treatments for the challenges of autism and related neurodevelopmental disabilities. Journal of Neurodevelopmental Disorders, 2021, 13, 56.	1.5	1
347	Translating Ribosome Affinity Purification (TRAP) of Cell Type-specific mRNA from Mouse Brain Lysates. Bio-protocol, 2022, 12, .	0.2	1
348	Pediatric epileptology. Epilepsy and Behavior, 2011, 22, 32-37.	0.9	0
349	SMN: A role in axon growth/fasciculation and retaining MMC(m) motor neurons in the ventral neural tube. Developmental Biology, 2011, 356, 199-200.	0.9	0
350	Teacherâ€™s Aide. , 2013, , 3074-3074.		0
351	The improvement of cardiac synchronization parameters by ivabradine treatment in patients with systolic heart failure. European Heart Journal, 2013, 34, P3335-P3335.	1.0	0
352	Are Small Adrenal Incidentalomas Solely a Radiological Finding?. Experimental and Clinical Endocrinology and Diabetes, 2015, 123, 451-454.	0.6	0
353	Adopting Rare Diseases. Cell, 2015, 163, 786-787.	13.5	0
354	Pediatric Neurology 2014 Trainee Publication Award Winner: Dr. Mitchel T. Williams. Pediatric Neurology, 2015, 53, 103-104.	1.0	0
355	FRI0480â€…Thiol/disulphide Homeostasis in Familial Mediterranean Fever: Table 1.. Annals of the Rheumatic Diseases, 2016, 75, 612.1-612.	0.5	0
356	The Pediatric Neurology Trainee Publication Award for 2015. Pediatric Neurology, 2016, 63, 1-2.	1.0	0
357	THU0468â€…Osteoporosis and Osteocalcin Levels in Patients with Gout: Table 1.. Annals of the Rheumatic Diseases, 2016, 75, 361.3-362.	0.5	0
358	AB0895â€…Effects of Colchicine on Neutrophil Apoptosis in Patients with Familial Mediterranean Fever: Table 1.. Annals of the Rheumatic Diseases, 2016, 75, 1208.2-1208.	0.5	0
359	AB0837â€…Effects of Vitamin D Therapy on Quality of Life in Patients with fibromyalgia. Annals of the Rheumatic Diseases, 2016, 75, 1189.2-1189.	0.5	0
360	Reply to the Letter to the Editor on â€œA New Algorithm to Reduce the Incidence of Gastroesophageal Reflux Symptoms after Laparoscopic Sleeve Gastrectomyâ€• Obesity Surgery, 2017, 27, 1063-1064.	1.1	0

#	Article	IF	Citations
361	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.	0.8	0
362	Tuberous Sclerosis Complex. , 2021, , 4926-4929.		0
363	Prolonged Treatment of Refractory Status Epilepticus in a Child. Journal of Child Neurology, 2001, 16, 147.	0.7	0
364	MR Microscopy for 3D Identification of Cortical Tubers, White Matter â€œMicrotubersâ€•and Radial Migration Lines in Ex Vivo Pediatric TSC with Epilepsy. FASEB Journal, 2015, 29, .	0.2	0
365	Neurological Comorbidities in Autism Spectrum Disorder. , 2016, , 99-116.		0
366	Comparison of two different circular-stapler techniques for creation of gastrojejunostomy anastomosis in bariatric Roux-en Y gastric bypass. International Journal of Clinical and Experimental Medicine, 2015, 8, 11032-7.	1.3	0
367	High-Throughput Imaging of ATG9A Distribution as a Diagnostic Functional Assay for Adaptor Protein Complex 4: Associated Hereditary Spastic Paraplegia (AP-4-HSP). , 2021, 52, .		0
368	Maturity-onset diabetes of the young (MODY)-related genetic variants in a Turkish patient cohort with early-onset diabetes: a cross-sectional study. International Journal of Diabetes in Developing Countries, 0, , .	0.3	0
369	Reply to Reply: The clinical outcome of COVIDâ€19 infection in patients with a history of thyroid cancer: A nationwide study. Clinical Endocrinology, 2023, 99, 533-534.	1.2	0
370	Deep learning in rare disease. Detection of tubers in tuberous sclerosis complex. , 2020, 15, e0232376.		0
371	Deep learning in rare disease. Detection of tubers in tuberous sclerosis complex. , 2020, 15, e0232376.		0
372	Deep learning in rare disease. Detection of tubers in tuberous sclerosis complex. , 2020, 15, e0232376.		0
373	Deep learning in rare disease. Detection of tubers in tuberous sclerosis complex. , 2020, 15, e0232376.		0
374	Artichoke for biochemistry, histology, and gene expression in obstructive jaundice. Revista Da AssociaÃ§Ã£o MÃ©dica Brasileira, 2022, 68, 647-652.	0.3	0