

# Ali Fatemi

## List of Publications by Year in descending order

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Version: 2024-02-01

54  
papers

2,562  
citations

236925

25  
h-index

206112

48  
g-index

57  
all docs

57  
docs citations

57  
times ranked

5285  
citing authors

#	ARTICLE	IF	CITATIONS
1	Wearable sensors detect impaired gait and coordination in <scp>LBSL</scp> during remote assessments. <i>Annals of Clinical and Translational Neurology</i> , 2022, 9, 468-477.	3.7	3
2	<scp>MRI</scp> surveillance of boys with X-linked adrenoleukodystrophy identified by newborn screening: Meta-analysis and consensus guidelines. <i>Journal of Inherited Metabolic Disease</i> , 2021, 44, 728-739.	3.6	39
3	Elp2 mutations perturb the epitranscriptome and lead to a complex neurodevelopmental phenotype. <i>Nature Communications</i> , 2021, 12, 2678.	12.8	26
4	Clinical and imaging outcomes after intrathecal injection of umbilical cord tissue mesenchymal stem cells in cerebral palsy: a randomized double-blind sham-controlled clinical trial. <i>Stem Cell Research and Therapy</i> , 2021, 12, 439.	5.5	18
5	Novel variants in <i>KAT6B</i> spectrum of disorders expand our knowledge of clinical manifestations and molecular mechanisms. <i>Molecular Genetics &amp; Genomic Medicine</i> , 2021, 9, e1809.	1.2	4
6	Neuronal ablation of mt-AspRS in mice induces immune pathway activation prior to severe and progressive cortical and behavioral disruption. <i>Experimental Neurology</i> , 2020, 326, 113164.	4.1	11
7	Mutations disrupting neuritogenesis genes confer risk for cerebral palsy. <i>Nature Genetics</i> , 2020, 52, 1046-1056.	21.4	96
8	De Novo Variants in the ATPase Module of MORC2 Cause a Neurodevelopmental Disorder with Growth Retardation and Variable Craniofacial Dysmorphism. <i>American Journal of Human Genetics</i> , 2020, 107, 352-363.	6.2	64
9	Glial restricted precursor delivery of dendrimer N-acetylcysteine promotes migration and differentiation following transplant in mouse white matter injury model. <i>Nanoscale</i> , 2020, 12, 16063-16068.	5.6	4
10	Expansion of the genetic landscape of <i>ERLIN2</i>-related disorders. <i>Annals of Clinical and Translational Neurology</i> , 2020, 7, 573-578.	3.7	12
11	Translational challenges in advancing regenerative therapy for treating neurological disorders using nanotechnology. <i>Advanced Drug Delivery Reviews</i> , 2019, 148, 60-67.	13.7	23
12	Biomarker Identification, Safety, and Efficacy of High-Dose Antioxidants for Adrenomyeloneuropathy: a Phase II Pilot Study. <i>Neurotherapeutics</i> , 2019, 16, 1167-1182.	4.4	31
13	X-linked Adrenoleukodystrophy: Pathology, Pathophysiology, Diagnostic Testing, Newborn Screening, and Therapies. <i>International Journal of Developmental Neuroscience</i> , 2019, , .	1.6	7
14	Monogenic disorders that mimic the phenotype of Rett syndrome. <i>Neurogenetics</i> , 2018, 19, 41-47.	1.4	41
15	FOXP1 syndrome: genotype-phenotype association in 83 patients with FOXP1 variants. <i>Genetics in Medicine</i> , 2018, 20, 98-108.	2.4	77
16	Successful treatment of choreo-athetotic movements in a patient with an EEF1A2 gene variant. <i>SAGE Open Medical Case Reports</i> , 2018, 6, 2050313X1880762.	0.3	5
17	ST3GAL5-Related Disorders: A Deficiency in Ganglioside Metabolism and a Genetic Cause of Intellectual Disability and Choreoathetosis. <i>Journal of Child Neurology</i> , 2018, 33, 825-831.	1.4	28
18	Dendrimer-N-acetylcysteine modulates monophagocytic response in adrenoleukodystrophy. <i>Annals of Neurology</i> , 2018, 84, 452-462.	5.3	30

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19	Early Detection of Hypothermic Neuroprotection Using T2-Weighted Magnetic Resonance Imaging in a Mouse Model of Hypoxic Ischemic Encephalopathy. <i>Frontiers in Neurology</i> , 2018, 9, 304.	2.4	10
20	Current Therapeutic Approaches in Leukodystrophies: A Review. <i>Journal of Child Neurology</i> , 2018, 33, 861-868.	1.4	7
21	Metabolic ataxias. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2018, 155, 117-127.	1.8	5
22	Therapeutic strategies in adrenoleukodystrophy. <i>Wiener Medizinische Wochenschrift</i> , 2017, 167, 219-226.	1.1	21
23	Safety, Tolerability, and Sensorimotor Effects of Extended-release Dalfampridine in Adults With Cerebral Palsy: A Pilot Study. <i>Clinical Therapeutics</i> , 2017, 39, 337-346.	2.5	0
24	Antioxidant Capacity and Superoxide Dismutase Activity in Adrenoleukodystrophy. <i>JAMA Neurology</i> , 2017, 74, 519.	9.0	21
25	Compound Heterozygous Variants in ROBO1 Cause a Neurodevelopmental Disorder With Absence of Transverse Pontine Fibers and Thinning of the Anterior Commissure and Corpus Callosum. <i>Pediatric Neurology</i> , 2017, 70, 70-74.	2.1	16
26	De Novo Variants in GRIA4 Lead to Intellectual Disability with or without Seizures and Gait Abnormalities. <i>American Journal of Human Genetics</i> , 2017, 101, 1013-1020.	6.2	53
27	Deficiency of <i>WARS2</i> , encoding mitochondrial tryptophanyl tRNA synthetase, causes severe infantile onset leukoencephalopathy. <i>American Journal of Medical Genetics, Part A</i> , 2017, 173, 2505-2510.	1.2	36
28	Uptake of dendrimer-drug by different cell types in the hippocampus after hypoxic-ischemic insult in neonatal mice: Effects of injury, microglial activation and hypothermia. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2017, 13, 2359-2369.	3.3	45
29	Cerebral plasticity: Windows of opportunity in the developing brain. <i>European Journal of Paediatric Neurology</i> , 2017, 21, 23-48.	1.6	329
30	Further evidence that <i>de novo</i> missense and truncating variants in <i>ZBTB18</i> cause intellectual disability with variable features. <i>Clinical Genetics</i> , 2017, 91, 697-707.	2.0	29
31	Overlapping SETBP1 gain-of-function mutations in Schinzel-Giedion syndrome and hematologic malignancies. <i>PLoS Genetics</i> , 2017, 13, e1006683.	3.5	35
32	Neonatal Brain Injuries. , 2017, , .		0
33	Glial-Restricted Precursors Protect Neonatal Brain Slices from Hypoxic-Ischemic Cell Death Without Direct Tissue Contact. <i>Stem Cells and Development</i> , 2016, 25, 975-985.	2.1	7
34	A novel neurodevelopmental disorder associated with compound heterozygous variants in the huntingtin gene. <i>European Journal of Human Genetics</i> , 2016, 24, 1826-1827.	2.8	45
35	Diffusion Tensor Imaging Abnormalities in the Cerebral White Matter Correlate with Sex-Dependent Neurobehavioral Deficits in Adult Mice with Neonatal Ischemia. <i>Developmental Neuroscience</i> , 2016, 38, 83-95.	2.0	9
36	Transplanted glial restricted precursor cells improve neurobehavioral and neuropathological outcomes in a mouse model of neonatal white matter injury despite limited cell survival. <i>Glia</i> , 2015, 63, 452-465.	4.9	23

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37	<i>ELP2</i> is a novel gene implicated in neurodevelopmental disabilities. American Journal of Medical Genetics, Part A, 2015, 167, 1391-1395.	1.2	61
38	Murine model: maternal administration of stem cells for prevention of prematurity. American Journal of Obstetrics and Gynecology, 2015, 212, 639.e1-639.e10.	1.3	24
39	Neonatal neurobehavior after therapeutic hypothermia for hypoxic ischemic encephalopathy. Early Human Development, 2015, 91, 593-599.	1.8	24
40	Systemic dendrimer-drug treatment of ischemia-induced neonatal white matter injury. Journal of Controlled Release, 2015, 214, 112-120.	9.9	90
41	A Diagnostic Approach for Cerebral Palsy in the Genomic Era. NeuroMolecular Medicine, 2014, 16, 821-844.	3.4	89
42	Neurogenetics. Seminars in Neurology, 2014, 34, 237-238.	1.4	0
43	Clinical whole exome sequencing in child neurology practice. Annals of Neurology, 2014, 76, 473-483.	5.3	228
44	A novel variant in <i>GABRB2</i> associated with intellectual disability and epilepsy. American Journal of Medical Genetics, Part A, 2014, 164, 2914-2921.	1.2	59
45	Pathologic role of glial nitric oxide in adult and pediatric neuroinflammatory diseases. Neuroscience and Biobehavioral Reviews, 2014, 45, 168-182.	6.1	74
46	Novel diffusion tensor imaging findings in Krabbe disease. European Journal of Paediatric Neurology, 2014, 18, 150-156.	1.6	24
47	The Potential for Cell-Based Therapy in Perinatal Brain Injuries. Translational Stroke Research, 2013, 4, 137-148.	4.2	38
48	Ischemia-Induced Neuroinflammation Is Associated with Disrupted Development of Oligodendrocyte Progenitors in a Model of Periventricular Leukomalacia. Developmental Neuroscience, 2013, 35, 182-196.	2.0	58
49	Derivation of Glial Restricted Precursors from E13 mice. Journal of Visualized Experiments, 2012, , .	0.3	17
50	In vivo Magnetization Transfer MRI Shows Dysmyelination in an Ischemic Mouse Model of Periventricular Leukomalacia. Journal of Cerebral Blood Flow and Metabolism, 2011, 31, 2009-2018.	4.3	20
51	Treatment advances in neonatal neuroprotection and neurointensive care. Lancet Neurology, The, 2011, 10, 372-382.	10.2	247
52	Hypoxic-Ischemic Encephalopathy in the Term Infant. Clinics in Perinatology, 2009, 36, 835-858.	2.1	216
53	Diffusion tensor-based imaging reveals occult abnormalities in adrenomyeloneuropathy. Annals of Neurology, 2005, 58, 758-766.	5.3	39
54	Magnetization transfer weighted imaging in the upper cervical spinal cord using cerebrospinal fluid as intersubject normalization reference (MTCSF imaging). Magnetic Resonance in Medicine, 2005, 54, 201-206.	3.0	42