Risk factors for amyotrophic lateral sclerosis

Clinical Epidemiology

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Citation Report

#	Article	IF	Citations
1	Asparaginase treatment side-effects may be due to genes with homopolymeric Asn codons (Review-Hypothesis). International Journal of Molecular Medicine, 2015, 36, 607-626.	1.8	18
2	The interplay between metabolic homeostasis and neurodegeneration: insights into the neurometabolic nature of amyotrophic lateral sclerosis. Cell Regeneration, 2015, 4, 4:5.	1.1	44
3	Improving translational studies: lessons from rare neuromuscular diseases. DMM Disease Models and Mechanisms, 2015, 8, 1175-1177.	1.2	7
4	The Granulocyte-colony stimulating factor has a dual role in neuronal and vascular plasticity. Frontiers in Cell and Developmental Biology, 2015, 3, 48.	1.8	53
5	ALS Patient Stem Cells for Unveiling Disease Signatures of Motoneuron Susceptibility: Perspectives on the Deadly Mitochondria, ER Stress and Calcium Triad. Frontiers in Cellular Neuroscience, 2015, 9, 448.	1.8	33
7	UNC13A confers risk for sporadic ALS and influences survival in a Spanish cohort. Journal of Neurology, 2015, 262, 2285-2292.	1.8	31
8	Gly482Ser PGC-1Î± Gene Polymorphism and Exercise-Related Oxidative Stress in Amyotrophic Lateral Sclerosis Patients. Frontiers in Cellular Neuroscience, 2016, 10, 102.	1.8	16
9	Recent advances in amyotrophic lateral sclerosis. Journal of Neurology, 2016, 263, 1241-1254.	1.8	67
10	ALS: A bucket of genes, environment, metabolism and unknown ingredients. Progress in Neurobiology, 2016, 142, 104-129.	2.8	158
11	Amyotrophic Lateral Sclerosis in Northern Spain 40 Years Later: What Has Changed?. Neurodegenerative Diseases, 2016, 16, 337-341.	0.8	22
12	Population-based risks for cancer in patients with ALS. Neurology, 2016, 87, 289-294.	1.5	40
13	Blood levels of trace metals and amyotrophic lateral sclerosis. NeuroToxicology, 2016, 54, 119-126.	1.4	46
14	Depression in amyotrophic lateral sclerosis. Neurology, 2016, 86, 2271-2277.	1.5	66
15	Mortality trends of amyotrophic lateral sclerosis in Norway 1951â€“2014: an ageâ€“periodâ€“cohort study. Journal of Neurology, 2016, 263, 2378-2385.	1.8	14
16	Identification of a novel loss-of-function C9orf72 splice site mutation in a patient with amyotrophic lateral sclerosis. Neurobiology of Aging, 2016, 47, 219.e1-219.e5.	1.5	17
17	Abnormal regulation of the antiviral response in neurological/neurodegenerative diseases. Cytokine, 2016, 88, 251-258.	1.4	7
18	The Epidemiology of Neuromuscular Diseases. Neurologic Clinics, 2016, 34, 999-1021.	0.8	44
19	Five-Year Incidence of Amyotrophic Lateral Sclerosis in British Columbia (2010-2015). Canadian Journal of Neurological Sciences, 2016, 43, 791-795.	0.3	5

#	Article	IF	Citations
20	Peculiarities of Neurological Disorders and Study Designs. Frontiers of Neurology and Neuroscience, 2016, 39, 8-23.	3.0	1
21	Pathogenesis of amyotrophic lateral sclerosis. British Medical Bulletin, 2016, 119, 87-98.	2.7	122
22	AMPK in Neurodegenerative Diseases. Exs, 2016, 107, 153-177.	1.4	38
23	The epidemiology of amyotrophic lateral sclerosis in the Mount Etna region: a possible pathogenic role of volcanogenic metals. European Journal of Neurology, 2016, 23, 964-972.	1.7	34
24	Olfactory Function in Latino Farmworkers. Journal of Occupational and Environmental Medicine, 2016, 58, 248-253.	0.9	18
25	Motor neuron disease mortality rates in U.S. states are associated with well water use. Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration, 2016, 17, 528-534.	1.1	14
26	Trends in motor neuron disease: association with latitude and air lead levels in Spain. Neurological Sciences, 2016, 37, 1271-1275.	0.9	18
27	Amyotrophic Lateral Sclerosis, 2016: existing therapies and the ongoing search for neuroprotection. Expert Opinion on Pharmacotherapy, 2016, 17, 1669-1682.	0.9	14
28	Endocytic membrane trafficking and neurodegenerative disease. Cellular and Molecular Life Sciences, 2016, 73, 1529-1545.	2.4	130
29	Exosome derived from murine adipose-derived stromal cells: Neuroprotective effect on in vitro model of amyotrophic lateral sclerosis. Experimental Cell Research, 2016, 340, 150-158.	1.2	134
30	Genetic studies of Russian patients with amyotrophic lateral sclerosis. Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration, 2016, 17, 135-141.	1.1	11
31	Organophosphate pesticide exposure and neurodegeneration. Cortex, 2016, 74, 417-426.	1.1	175
32	Lead, cadmium and mercury in cerebrospinal fluid and risk of amyotrophic lateral sclerosis: A case-control study. Journal of Trace Elements in Medicine and Biology, 2017, 43, 121-125.	1.5	54
33	Pesticides, polychlorinated biphenyls and polycyclic aromatic hydrocarbons in cerebrospinal fluid of amyotrophic lateral sclerosis patients: a case-control study. Environmental Research, 2017, 155, 261-267.	3.7	34
34	Incidence of amyotrophic lateral sclerosis in the province of Novara, Italy, and possible role of environmental pollution. Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration, 2017, 18, 284-290.	1.1	21
35	Occupational exposures and the risk of amyotrophic lateral sclerosis. Occupational and Environmental Medicine, 2017, 74, 87-92.	1.3	38
36	Risk of sepsis in patients with amyotrophic lateral sclerosis: a population-based retrospective cohort study in Taiwan. BMJ Open, 2017, 7, e013761.	0.8	6
37	Elevated Levels of Selenium Species in Cerebrospinal Fluid of Amyotrophic Lateral Sclerosis Patients with Disease-Associated Gene Mutations. Neurodegenerative Diseases, 2017, 17, 171-180.	0.8	46

#	Article	IF	Citations
38	The Effect of Different Types of Nanoparticles on FUS and TDP-43 Solubility and Subcellular Localization. Neurotoxicity Research, 2017, 32, 325-339.	1.3	1
39	Essential trace elements in amyotrophic lateral sclerosis (ALS): Results in a population of a risk area of Italy. Neurological Sciences, 2017, 38, 1609-1615.	0.9	17
40	Diminished stress resistance and defective adaptive homeostasis in age-related diseases. Clinical Science, 2017, 131, 2573-2599.	1.8	32
41	Alzheimerâ€™s disease and cigarette smoke components: effects of nicotine, PAHs, and Cd(II), Cr(III), Pb(II), Pb(IV) ions on amyloid-Î² peptide aggregation. Scientific Reports, 2017, 7, 14423.	1.6	81
42	Host genetic background influences diverse neurological responses to viral infection in mice. Scientific Reports, 2017, 7, 12194.	1.6	26
43	ALS-Related Mutant FUS Protein Is Mislocalized to Cytoplasm and Is Recruited into Stress Granules of Fibroblasts from Asymptomatic <i>FUS </i>P525L Mutation Carriers. Neurodegenerative Diseases, 2017, 17, 292-303.	0.8	23
44	Introduction to supplement: the current status of treatment for ALS. Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration, 2017, 18, 1-4.	1.1	16
45	International Survey of ALS Experts about Critical Questions for Assessing Patients with ALS. Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration, 2017, 18, 505-510.	1.1	17
47	Olfactory Function in Latino Farmworkers Over 2 Years. Journal of Occupational and Environmental Medicine, 2017, 59, 1148-1152.	0.9	11
48	Magnetic fields exposure from high-voltage power lines and risk of amyotrophic lateral sclerosis in two Italian populations. Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration, 2017, 18, 583-589.	1.1	11
49	Motoneuron Disease: Basic Science. Advances in Neurobiology, 2017, 15, 163-190.	1.3	5
50	Sensory neuropathy in progressive motor neuronopathy (pmn) mice is associated with defects in microtubule polymerization and axonal transport. Brain Pathology, 2017, 27, 459-471.	2.1	16
51	Panel of Oxidative Stress and Inflammatory Biomarkers in ALS: A Pilot Study. Canadian Journal of Neurological Sciences, 2017, 44, 90-95.	0.3	105
52	Body Mass Index and Amyotrophic Lateral Sclerosis: A Study of US Military Veterans. American Journal of Epidemiology, 2017, 185, 362-371.	1.6	50
53	Riluzole: real-world evidence supports significant extension of median survival times in patients with amyotrophic lateral sclerosis. Degenerative Neurological and Neuromuscular Disease, 2017, Volume 7, 61-70.	0.7	50
54	Lifestyle Changes and Oxidative Stress in a High-incidence Area of Amyotrophic Lateral Sclerosis in the Southwestern Kii Peninsula, Japan. Internal Medicine, 2017, 56, 1497-1506.	0.3	6
55	ALS Pathogenesis and Therapeutic Approaches: The Role of Mesenchymal Stem Cells and Extracellular Vesicles. Frontiers in Cellular Neuroscience, 2017, 11, 80.	1.8	134
56	The TGF-Î² System As a Potential Pathogenic Player in Disease Modulation of Amyotrophic Lateral Sclerosis. Frontiers in Neurology, 2017, 8, 669.	1.1	42

#	Article	IF	Citations
57	Current Advances and Limitations in Modeling ALS/FTD in a Dish Using Induced Pluripotent Stem Cells. Frontiers in Neuroscience, 2017, 11, 671.	1.4	47
58	Oxidative Stress in Neurodegenerative Diseases: From Molecular Mechanisms to Clinical Applications. Oxidative Medicine and Cellular Longevity, 2017, 2017, 1-11.	1.9	519
59	Comparison of the Neuroprotective and Anti-Inflammatory Effects of the Anthocyanin Metabolites, Protocatechuic Acid and 4-Hydroxybenzoic Acid. Oxidative Medicine and Cellular Longevity, 2017, 2017, 1-13.	1.9	84
60	Animal Models for the Study of Human Neurodegenerative Diseases. , 2017, , 1109-1129.		4
61	Pesticide exposure assessed through agricultural crop proximity and risk of amyotrophic lateral sclerosis. Environmental Health, 2017, 16, 91.	1.7	43
62	Metals and Motor Neuron Disease. , 2017, , 175-193.		2
63	Mortality from Amyotrophic Lateral Sclerosis and Parkinsonâ€™s Disease Among Different Occupation Groups â€" United States, 1985â€“2011. Morbidity and Mortality Weekly Report, 2017, 66, 718-722.	9.0	27
64	Mercury and motor neuron disease: Hooked on a hypothesis. Muscle and Nerve, 2018, 58, 7-9.	1.0	2
65	mRNP assembly, axonal transport, and local translation in neurodegenerative diseases. Brain Research, 2018, 1693, 75-91.	1.1	56
66	Inflammation in CNS neurodegenerative diseases. Immunology, 2018, 154, 204-219.	2.0	640
67	Association of Serum Retinol-Binding Protein 4 Concentration With Risk for and Prognosis of Amyotrophic Lateral Sclerosis. JAMA Neurology, 2018, 75, 600.	4.5	24
68	Genetic polymorphisms in amyotrophic lateral sclerosis: Evidence for implication in detoxification pathways of environmental toxicants. Environment International, 2018, 116, 122-135.	4.8	42
69	Environment-dependent striatal gene expression in the BACHD rat model for Huntington disease. Scientific Reports, 2018, 8, 5803.	1.6	10
70	Traumatic injury induces stress granule formation and enhances motor dysfunctions in ALS/FTD models. Human Molecular Genetics, 2018, 27, 1366-1381.	1.4	86
71	Prion-like properties of disease-relevant proteins in amyotrophic lateral sclerosis. Journal of Neural Transmission, 2018, 125, 591-613.	1.4	16
72	Risk factors in Swedish young men for amyotrophic lateral sclerosis in adulthood. Journal of Neurology, 2018, 265, 460-470.	1.8	17
73	Trace elements in ALS patients and their relationships with clinical severity. Chemosphere, 2018, 197, 457-466.	4.2	23
74	Network Analysis Identifies Disease-Specific Pathways for Parkinsonâ€™s Disease. Molecular Neurobiology, 2018, 55, 370-381.	1.9	23

#	Article	IF	Citations
75	Expression and Distribution of Arylsulfatase B are Closely Associated with Neuron Death in SOD1 G93A Transgenic Mice. Molecular Neurobiology, 2018, 55, 1323-1337.	1.9	10
76	Lack of an association between attention-deficit/hyperactivity disorder (ADHD) and amyotrophic lateral sclerosis (ALS). Journal of the Neurological Sciences, 2018, 385, 7-11.	0.3	2
77	Geographic Analysis of Motor Neuron Disease Mortality and Heavy Metals Released to Rivers in Spain. International Journal of Environmental Research and Public Health, 2018, 15, 2522.	1.2	19
78	Body mass index and survival from amyotrophic lateral sclerosis. Neurology: Clinical Practice, 2018, 8, 437-444.	0.8	34
79	Human Scalp Hair as an Indicator of Exposure to the Environmental Toxin Î²-N-Methylamino-l-alanine. Toxins, 2018, 10, 14.	1.5	5
80	Comorbid Systemic Medical and Psychiatric Illness in Older Adults. , 2018, , 163-201.		0
81	Spatial Assessment of the Association between Long-Term Exposure to Environmental Factors and the Occurrence of Amyotrophic Lateral Sclerosis in Catalonia, Spain: A Population-Based Nested Case-Control Study. Neuroepidemiology, 2018, 51, 33-49.	1.1	20
82	Sleep Issues in Motor Neuron Diseases. , 2018, , 43-59.		0
83	The multistep hypothesis of ALS revisited. Neurology, 2018, 91, e635-e642.	1.5	146
84	Associative Increases in Amyotrophic Lateral Sclerosis Survival Duration With Non-invasive Ventilation Initiation and Usage Protocols. Frontiers in Neurology, 2018, 9, 578.	1.1	30
85	Are There Modifiable Environmental Factors Related to Amyotrophic Lateral Sclerosis?. Frontiers in Neurology, 2018, 9, 220.	1.1	8
86	Unraveling the Pathways to Neuronal Homeostasis and Disease: Mechanistic Insights into the Role of RNA-Binding Proteins and Associated Factors. International Journal of Molecular Sciences, 2018, 19, 2280.	1.8	60
87	Preliminary Observation about Alteration of Proteins and Their Potential Functions in Spinal Cord of SOD1 G93A Transgenic Mice. International Journal of Biological Sciences, 2018, 14, 1306-1320.	2.6	12
88	Risk of amyotrophic lateral sclerosis and other motor neuron disease among men with benign prostatic hyperplasia: a population-based cohort study. BMJ Open, 2019, 9, e030015.	0.8	1
89	ASK1 and its role in cardiovascular and other disorders: available treatments and future prospects. Expert Review of Proteomics, 2019, 16, 857-870.	1.3	10
90	Theme 6 Tissue biomarkers. Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration, 2019, 20, 206-216.	1.1	0
91	Short-term air pollution exposure and emergency department visits for amyotrophic lateral sclerosis: A time-stratified case-crossover analysis. Environment International, 2019, 123, 467-475.	4.8	25
92	Transgenic and physiological mouse models give insights into different aspects of amyotrophic lateral sclerosis. DMM Disease Models and Mechanisms, 2019, 12, .	1.2	65

#	Article	IF	Citations
93	Consideration of gravity as a possible etiological factor in amyotrophic lateral sclerosis. Medical Hypotheses, 2019, 132, 109369.	0.8	1
94	Tollgate-based progression pathways of ALS patients. Journal of Neurology, 2019, 266, 755-765.	1.8	3
95	ALS blood expression profiling identifies new biomarkers, patient subgroups, and evidence for neutrophilia and hypoxia. Journal of Translational Medicine, 2019, 17, 170.	1.8	45
96	Environmental risk factors and amyotrophic lateral sclerosis (ALS): A case-control study of ALS in China. Journal of Clinical Neuroscience, 2019, 66, 12-18.	0.8	33
97	Gut microbiota in ALS: possible role in pathogenesis?. Expert Review of Neurotherapeutics, 2019, 19, 785-805.	1.4	30
98	Effects of continuous high-dose G-CSF administration on hematopoietic stem cell mobilization and telomere length in patients with amyotrophic lateral sclerosis â€“ a pilot study. Cytokine, 2019, 120, 192-201.	1.4	6
99	Influence of Environment and Lifestyle on Incidence and Progress of Amyotrophic Lateral Sclerosis in A German ALS Population. , 2019, 10, 205.		18
100	Clinical audit research and evaluation of motor neuron disease (CARE-MND): a national electronic platform for prospective, longitudinal monitoring of MND in Scotland. Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration, 2019, 20, 242-250.	1.1	19
101	Quantitative analysis of human endogenous retrovirus-K transcripts in postmortem premotor cortex fails to confirm elevated expression of HERV-K RNA in amyotrophic lateral sclerosis. Acta Neuropathologica Communications, 2019, 7, 45.	2.4	44
102	A modular analysis of microglia gene expression, insights into the aged phenotype. BMC Genomics, 2019, 20, 164.	1.2	24
103	Amyotrophic lateral sclerosis among patients with a Medicare Advantage prescription drug plan; prevalence, survival and patient characteristics. Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration, 2019, 20, 251-259.	1.1	8
104	Occupation and motor neuron disease: a New Zealand caseâ€“control study. Occupational and Environmental Medicine, 2019, 76, 309-316.	1.3	13
105	Mesenchymal Stem Cells: A Potential Therapeutic Approach for Amyotrophic Lateral Sclerosis?. Stem Cells International, 2019, 2019, 1-16.	1.2	46
106	Excitability in somatosensory cortex correlates with motoric impairment in amyotrophic lateral sclerosis. Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration, 2019, 20, 192-198.	1.1	11
107	Contact Sports as a Risk Factor for Amyotrophic Lateral Sclerosis: A Systematic Review. Global Spine Journal, 2019, 9, 104-118.	1.2	38
108	Study protocol for a randomised, double-blind, placebo-controlled study evaluating the Efficacy of cannabis-based Medicine Extract in slowing the disease pRogression of Amyotrophic Lateral sclerosis or motor neurone Disease: the EMERALD trial. BMJ Open, 2019, 9, e029449.	0.8	16
109	Mortality Update of a Cohort of Canadian Petroleum Workers. Journal of Occupational and Environmental Medicine, 2019, 61, 225-238.	0.9	8
110	Metabolic Alteration and Amyotrophic Lateral Sclerosis Outcome: A Systematic Review. Frontiers in Neurology, 2019, 10, 1205.	1.1	17

#	Article	IF	Citations
111	Epidemiology of amyotrophic lateral sclerosis: an update of recent literature. Current Opinion in Neurology, 2019, 32, 771-776.	1.8	310
112	Investigation of mitochondrial calcium uniporter role in embryonic and adult motor neurons from G93AhSOD1 mice. Neurobiology of Aging, 2019, 75, 209-222.	1.5	11
113	Fungal Neurotoxins and Sporadic Amyotrophic Lateral Sclerosis. Neurotoxicity Research, 2019, 35, 969-980.	1.3	17
114	Amyotrophic Lateral Sclerosis: Current Therapeutic Perspectives. , 2019, , 207-224.		2
115	Amyotrophic Lateral Sclerosis Among Veterans Deployed in Support of Post-9/11 U.S. Conflicts. Military Medicine, 2020, 185, e501-e509.	0.4	12
116	Neuronal specific and non-specific responses to cadmium possibly involved in neurodegeneration: A toxicogenomics study in a human neuronal cell model. NeuroToxicology, 2020, 76, 162-173.	1.4	41
117	Identifying potential targets for prevention and treatment of amyotrophic lateral sclerosis based on a screen of medicare prescription drugs. Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration, 2020, 21, 235-245.	1.1	20
118	Plasma from some patients with amyotrophic lateral sclerosis exhibits elevated formaldehyde levels. Journal of the Neurological Sciences, 2020, 409, 116589.	0.3	8
119	Amyotrophic lateral sclerosis and lead: A systematic update. NeuroToxicology, 2020, 81, 80-88.	1.4	18
120	Oxidative Stress in Amyotrophic Lateral Sclerosis: Pathophysiology and Opportunities for Pharmacological Intervention. Oxidative Medicine and Cellular Longevity, 2020, 2020, 1-29.	1.9	77
121	No association between proton pump inhibitor use and ALS risk: a nationwide nested caseâ€“control study. Scientific Reports, 2020, 10, 13371.	1.6	7
122	Amyotrophic Lateral Sclerosis After Exposure to Manganese from Traditional Medicine Procedures in Kenya. Biological Trace Element Research, 2021, 199, 3618-3624.	1.9	13
123	Gene Therapy for Neurodegenerative Diseases: Slowing Down the Ticking Clock. Frontiers in Neuroscience, 2020, 14, 580179.	1.4	42
125	Authorsâ€™ reply: Differences between South African and Portuguese ALS cohorts from an environmental perspective. Journal of the Neurological Sciences, 2020, 414, 116932.	0.3	0
126	Antecedent presentation of neurological phenotypes in the Collaborative Cross reveals four classes with complex sex-dependencies. Scientific Reports, 2020, 10, 7918.	1.6	12
127	Transmission of ALS pathogenesis by the cerebrospinal fluid. Acta Neuropathologica Communications, 2020, 8, 65.	2.4	30
128	Amyotrophic lateral sclerosis: a clinical review. European Journal of Neurology, 2020, 27, 1918-1929.	1.7	451
129	What do we know about the variability in survival of patients with amyotrophic lateral sclerosis?. Expert Review of Neurotherapeutics, 2020, 20, 921-941.	1.4	10

#	Article	IF	Citations
130	Disease propagation in amyotrophic lateral sclerosis (ALS): an interplay between genetics and environment. Journal of Neuroinflammation, 2020, 17, 175.	3.1	7
131	Potential Preventive Strategies for Amyotrophic Lateral Sclerosis. Frontiers in Neuroscience, 2020, 14, 428.	1.4	11
132	Incidence and prevalence of amyotrophic lateral sclerosis in urban China: a national population-based study. Journal of Neurology, Neurosurgery and Psychiatry, 2020, 91, 520-525.	0.9	37
133	High-dose pharmaceutical grade biotin (MD1003) in amyotrophic lateral sclerosis: A pilot study. EClinicalMedicine, 2020, 19, 100254.	3.2	9
134	Association of Stress-Related Disorders With Subsequent Neurodegenerative Diseases. JAMA Neurology, 2020, 77, 700.	4.5	62
135	Ketogenic therapy in neurodegenerative and psychiatric disorders: From mice to men. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2020, 101, 109913.	2.5	44
136	CSF neurotoxic metals/metalloids levels in amyotrophic lateral sclerosis patients: comparison between bulbar and spinal onset. Environmental Research, 2020, 188, 109820.	3.7	17
137	Neurovascular Inflammaging in Health and Disease. Cells, 2020, 9, 1614.	1.8	44
138	Antioxidant Alternatives in the Treatment of Amyotrophic Lateral Sclerosis: A Comprehensive Review. Frontiers in Physiology, 2020, 11, 63.	1.3	53
139	Antidiabetics, statins and the risk of amyotrophic lateral sclerosis. European Journal of Neurology, 2020, 27, 1010-1016.	1.7	19
140	Loss of angiogenin function is related to earlier ALS onset and a paradoxical increase in ALS duration. Scientific Reports, 2020, 10, 3715.	1.6	11
141	A novel mutation in TARDBP segregates with amyotrophic lateral sclerosis in a large family with early onset and fast progression. Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration, 2020, 21, 280-285.	1.1	0
142	The study of levels from redox-active elements in cerebrospinal fluid of amyotrophic lateral sclerosis patients carrying disease-related gene mutations shows potential copper dyshomeostasis. Metallomics, 2020, 12, 668-681.	1.0	14
143	Salivary Biomarkers: Future Approaches for Early Diagnosis of Neurodegenerative Diseases. Brain Sciences, 2020, 10, 245.	1.1	25
144	Environmental and Occupational Risk Factors of Amyotrophic Lateral Sclerosis: A Population-Based Case-Control Study. International Journal of Environmental Research and Public Health, 2020, 17, 2882.	1.2	42
145	Living near waterbodies as a proxy of cyanobacteria exposure and risk of amyotrophic lateral sclerosis: a population based case-control study. Environmental Research, 2020, 186, 109530.	3.7	18
146	The double sides of hope: The meaning of hope among amyotrophic lateral sclerosis (ALS) patients. Death Studies, 2021, 45, 238-247.	1.8	5
147	Metal(loid)s role in the pathogenesis of amyotrophic lateral sclerosis: Environmental, epidemiological, and genetic data. Environmental Research, 2021, 192, 110292.	3.7	16

#	Article	IF	Citations
148	An overview on amyotrophic lateral sclerosis and cadmium. Neurological Sciences, 2021, 42, 531-537.	0.9	20
149	Amyotrophic lateral sclerosis in Antalya, Turkey. A prospective study, 2016â€“2018. Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration, 2021, 22, 101-107.	1.1	4
150	Bayesian Network as a Decision Tool for Predicting ALS Disease. Brain Sciences, 2021, 11, 150.	1.1	10
151	Comorbidity Pattern Analysis for Predicting Amyotrophic Lateral Sclerosis. Applied Sciences (Switzerland), 2021, 11, 1289.	1.3	6
152	Trauma and amyotrophic lateral sclerosis: a systematic review and meta-analysis. Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration, 2021, 22, 170-185.	1.1	13
154	The Incidence of Amyotrophic Lateral Sclerosis in Ohio 2016â€“2018: The Ohio Population-Based ALS Registry. Neuroepidemiology, 2021, 55, 196-205.	1.1	5
155	The links between diabetes mellitus and amyotrophic lateral sclerosis. Neurological Sciences, 2021, 42, 1377-1387.	0.9	18
156	Proteostatic imbalance and protein spreading in amyotrophic lateral sclerosis. EMBO Journal, 2021, 40, e106389.	3.5	32
157	Role of Oxidative Stress in the Pathogenesis of Amyotrophic Lateral Sclerosis: Antioxidant Metalloenzymes and Therapeutic Strategies. Biomolecules, 2021, 11, 437.	1.8	29
158	Application of a bioinformatic pipeline to RNA-seq data identifies novel virus-like sequence in human blood. G3: Genes, Genomes, Genetics, 2021, 11, .	0.8	4
159	Novel Insight Into the Role of Immune Dysregulation in Amyotrophic Lateral Sclerosis Based on Bioinformatic Analysis. Frontiers in Neuroscience, 2021, 15, 657465.	1.4	9
160	p62 overexpression induces TDP-43 cytoplasmic mislocalisation, aggregation and cleavage and neuronal death. Scientific Reports, 2021, 11, 11474.	1.6	19
161	ALS detection through spectral analysis : New parameter and optimizations. , 2021, , .		1
162	DNA damage as a mechanism of neurodegeneration in ALS and a contributor to astrocyte toxicity. Cellular and Molecular Life Sciences, 2021, 78, 5707-5729.	2.4	44
163	Higher incidence of cervical spinal cord compression in amyotrophic lateral sclerosis: a single-institute cohort study. Neurological Sciences, 2022, 43, 1079-1086.	0.9	3
164	National registry for amyotrophic lateral sclerosis: a systematic review for structuring population registries of motor neuron diseases. BMC Neurology, 2021, 21, 269.	0.8	8
165	Network Analysis Identifies Sex-Specific Gene Expression Changes in Blood of Amyotrophic Lateral Sclerosis Patients. International Journal of Molecular Sciences, 2021, 22, 7150.	1.8	12
167	Gut microbiome and amyotrophic lateral sclerosis: A systematic review of current evidence. Journal of Internal Medicine, 2021, 290, 758-788.	2.7	17

#	Article	IF	Citations
168	Measuring Glucose Uptake in Drosophila Models of TDP-43 Proteinopathy. Journal of Visualized Experiments, 2021, , .	0.2	1
169	Sex-dependent effects of amyloid precursor-like protein 2 in the SOD1-G37R transgenic mouse model of MND. Cellular and Molecular Life Sciences, 2021, 78, 6605-6630.	2.4	2
170	Antioxidant properties of flavonoid metal complexes and their potential inclusion in the development of novel strategies for the treatment against neurodegenerative diseases. Biomedicine and Pharmacotherapy, 2021, 143, 112236.	2.5	46
171	Head Injury and Amyotrophic Lateral Sclerosis: A Meta-Analysis. Neuroepidemiology, 2021, 55, 11-19.	1.1	16
172	Risk of Amyotrophic Lateral Sclerosis and Exposure to Particulate Matter from Vehicular Traffic: A Case-Control Study. International Journal of Environmental Research and Public Health, 2021, 18, 973.	1.2	15
173	Amyotrophic Lateral Sclerosis: Epidemiology and Risk Factors. , 2016, , 219-230.		2
174	BMAA and MCLR Interact to Modulate Behavior and Exacerbate Molecular Changes Related to Neurodegeneration in Larval Zebrafish. Toxicological Sciences, 2021, 179, 251-261.	1.4	21
175	Oxidative Stress and Neuropsychiatric Disorders in the Life Spectrum. , 2016, , 157-166.		1
176	Puzzles in modern biology. IV. Neurodegeneration, localized origin and widespread decay. F1000Research, 2016, 5, 2537.	0.8	3
177	Protective Effects of the Caffeine Against Neurodegenerative Diseases. Current Medicinal Chemistry, 2019, 26, 5137-5151.	1.2	19
178	Brain Aging and Disorders of the Central Nervous System: Kynurenines and Drug Metabolism. Current Drug Metabolism, 2016, 17, 412-429.	0.7	21
179	Stem Cell Aging in Lifespan and Disease: A State-of-the-Art Review. Current Stem Cell Research and Therapy, 2020, 15, 362-378.	0.6	38
180	Role of plants, environmental toxins and physical neurotoxicological factors in Amyotrophic lateral sclerosis, Alzheimer Disease and other Neurodegenerative Diseases. Journal of Neuroscience and Neurological Disorders, 2019, 3, 001-086.	0.1	6
181	Clinical and Lifestyle Factors and Risk of Amyotrophic Lateral Sclerosis: A Population-Based Case-Control Study. International Journal of Environmental Research and Public Health, 2020, 17, 857.	1.2	38
182	Single-nucleotide Polymorphism rs2275294 in ZNF512B is not Associated with Susceptibility to Amyotrophic Lateral Sclerosis in a Large Chinese Cohort. Chinese Medical Journal, 2015, 128, 3305-3309.	0.9	6
183	Reactive Oxygen Species in Neurodegenerative Diseases: Implications in Pathogenesis and Treatment Strategies. Biochemistry, 0, , .	0.8	5
184	Pre-Morbid Risk Factors for Amyotrophic Lateral Sclerosis: Prospective Cohort Study. Clinical Epidemiology, 2021, Volume 13, 941-947.	1.5	1
185	Genetics of familial amyotrophic lateral sclerosis. Bulletin of Siberian Medicine, 2021, 20, 193-202.	0.1	0

#	Article	IF	Citations
186	Differences in Sex Distribution Between Genetic and Sporadic Frontotemporal Dementia. Journal of Alzheimer's Disease, 2021, 84, 1153-1161.	1.2	11
187	Nutrient Effects on Motor Neurons and the Risk of Amyotrophic Lateral Sclerosis. Nutrients, 2021, 13, 3804.	1.7	13
188	Protein clearance strategies for disease intervention. Journal of Neural Transmission, 2022, 129, 141-172.	1.4	15
189	Membrane lipid raft homeostasis is directly linked to neurodegeneration. Essays in Biochemistry, 2021, 65, 999-1011.	2.1	15
190	Amyotrophic Lateral Sclerosis: The Current World Situation. International Archive of Medicine, 0, , .	1.2	1
191	Preoperative parameters and their prognostic value in amyotrophic lateral sclerosis patients undergoing implantation of a diaphragm pacing stimulation system. Annals of Indian Academy of Neurology, 2017, 20, 51.	0.2	1
192	Risk Factors in Amyotrophic Lateral Sclerosis. Current Topics in Environmental Health and Preventive Medicine, 2019, , 47-59.	0.1	1
193	Amyotrophic Lateral Sclerosis Disease and Environmental Risk Factors. Advances in Environmental Engineering and Green Technologies Book Series, 2019, , 286-304.	0.3	0
194	Muscle, Connective Tissue, and Neonatal Disorders. Advances in Bioinformatics and Biomedical Engineering Book Series, 2019, , 425-467.	0.2	0
195	Voice spectrum of patients diagnosed with bulbar ALS : Slope analysis in the lower energy bands. , 2020, , .		0
196	Amyotrophic Lateral Sclerosis (ALS): The Application of Integrative and Functional Medical Nutrition Therapy (IFMNT). , 2020, , 863-912.		0
197	Computing a Weighted Jaccard Index of Electronic Medical Record for Disease Prediction. Lecture Notes in Computer Science, 2020, , 445-456.	1.0	1
198	Is pseudoexfoliation glaucoma a neurodegenerative disorder?. Journal of Biosciences, 2021, 46, 1.	0.5	4
200	A review of Mendelian randomization in amyotrophic lateral sclerosis. Brain, 2022, 145, 832-842.	3.7	29
201	Polyphenols and Stem Cells for Neuroregeneration in Parkinsonâ€™s Disease and Amyotrophic Lateral Sclerosis. Current Pharmaceutical Design, 2021, 27, .	0.9	0
202	Metals in ALS TDP-43 Pathology. International Journal of Molecular Sciences, 2021, 22, 12193.	1.8	13
203	Genetic and immunological contributors to virus-induced paralysis. Brain, Behavior, & Immunity - Health, 2021, 18, 100395.	1.3	6
204	Unraveling the complex interplay between genes, environment, and climate in ALS. EBioMedicine, 2022, 75, 103795.	2.7	32

#	Article	IF	Citations
205	Matrin3: Disorder and ALS Pathogenesis. Frontiers in Molecular Biosciences, 2021, 8, 794646.	1.6	10
206	A perspective on persistent toxicants in veterans and amyotrophic lateral sclerosis: identifying exposures determining higher ALS risk. Journal of Neurology, 2022, 269, 2359-2377.	1.8	7
207	TDP-43 Proteinopathy Causes Broad Metabolic Alterations including TCA Cycle Intermediates and Dopamine Levels in Drosophila Models of ALS. Metabolites, 2022, 12, 101.	1.3	7
208	Muscle, Connective Tissue, and Neonatal Disorders. , 2022, , 135-177.		0
209	Biomarkers in Human Peripheral Blood Mononuclear Cells: The State of the Art in Amyotrophic Lateral Sclerosis. International Journal of Molecular Sciences, 2022, 23, 2580.	1.8	11
210	Chlorovirus ATCV-1 Accelerates Motor Deterioration in SOD1-G93A Transgenic Mice and Its SOD1 Augments Induction of Inflammatory Factors From Murine Macrophages. Frontiers in Neurology, 2022, 13, 821166.	1.1	2
211	Common genetic basis of ALS patients and soccer players may contribute to disease risk. Neurological Sciences, 2022, 43, 4231-4238.	0.9	2
213	1,2-Dehydropyrrolizidine Alkaloids: Their Potential as a Dietary Cause of Sporadic Motor Neuron Diseases. Chemical Research in Toxicology, 2022, 35, 340-354.	1.7	0
214	Key Disease Mechanisms Linked to Amyotrophic Lateral Sclerosis in Spinal Cord Motor Neurons. Frontiers in Molecular Neuroscience, 2022, 15, 825031.	1.4	7
215	Different sensorimotor mechanism in fast and slow progression amyotrophic lateral sclerosis. Human Brain Mapping, 2022, 43, 1710-1719.	1.9	5
216	Coenzyme Q10, Ageing and the Nervous System: An Overview. Antioxidants, 2022, 11, 2.	2.2	19
217	Amyotrophic Lateral Sclerosis: A Diet Review. Foods, 2021, 10, 3128.	1.9	8
218	Redox profiles of amyotrophic lateral sclerosis lymphoblasts with or without known SOD1 mutations. European Journal of Clinical Investigation, 2022, 52, e13798.	1.7	3
219	Amyotrophic lateral sclerosis mimicking radiculopathy: a case series.. Nagoya Journal of Medical Science, 2021, 83, 877-881.	0.6	1
220	Impacto do tratamento medicamentoso na voz, fala e deglutiÃ§Ã£o de pacientes com esclerose lateral amiotrÃ³fica: revisÃ£o sistemÃ¡tica. Audiology: Communication Research, 0, 27, .	0.1	0
221	T1 hyperintensity in the spinal cord: A diagnostic marker of amyotrophic lateral sclerosis?. Journal of Clinical Imaging Science, 2022, 12, 20.	0.4	1
222	A pilot study using proximity extension assay of cerebrospinal fluid and its extracellular vesicles identifies novel amyotrophic lateral sclerosis biomarker candidates. Biochemical and Biophysical Research Communications, 2022, 613, 166-173.	1.0	13
223	HLA and amyotrophic lateral sclerosis: a systematic review and meta-analysis. Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration, 0, , 1-9.	1.1	2

#	Article	IF	Citations
224	ALS/FTD: Evolution, Aging, and Cellular Metabolic Exhaustion. Frontiers in Neurology, 2022, 13, .	1.1	3
226	Neuromuscular Complications of SARS-CoV-2 and Other Viral Infections. Frontiers in Neurology, 0, 13, .	1.1	9
228	Serum Cytokines Predict Neurological Damage in Genetically Diverse Mouse Models. Cells, 2022, 11, 2044.	1.8	2
229	Human tissue lead (Pb) levels and amyotrophic lateral sclerosis: a systematic review and meta-analysis of caseâ€“control studies. Neurological Sciences, 2022, 43, 5851-5859.	0.9	3
230	Oxidative Stress in Amyotrophic Lateral Sclerosis: Synergy of Genetic and Environmental Factors. International Journal of Molecular Sciences, 2022, 23, 9339.	1.8	15
231	Motoneuron Diseases. Advances in Neurobiology, 2022, , 323-352.	1.3	0
232	CD3+/CD56+ NKT-like Cells Show Imbalanced Control Immediately after Exercise in Delayed-Onset Muscle Soreness. International Journal of Molecular Sciences, 2022, 23, 11117.	1.8	9
233	Synaptic dysfunction in ALS and FTD: anatomical and molecular changes provide insights into mechanisms of disease. Frontiers in Molecular Neuroscience, 0, 15, .	1.4	16
234	Evaluation of the Hematological and Serum Biochemistry Parameters in the Pre-Symptomatic and Symptomatic Stages of ALS Disease to Support Early Diagnosis and Prognosis. Cells, 2022, 11, 3569.	1.8	1
235	The Role of Biomaterials in Treating Lou Gehrigâ€™s Disease. Archives of Neuroscience, 2022, 9, .	0.1	2
236	Amyotrophic lateral sclerosis: a neurodegenerative disorder poised for successful therapeutic translation. Nature Reviews Drug Discovery, 2023, 22, 185-212.	21.5	76
237	Chaperone-Dependent Mechanisms as a Pharmacological Target for Neuroprotection. International Journal of Molecular Sciences, 2023, 24, 823.	1.8	6
238	The role of TDP-43 protein in amyotrophic lateral sclerosis. Journal of Medical Science, 2022, 91, e710.	0.2	0
239	Diffusion Tensor Imaging in Amyotrophic Lateral Sclerosis: Machine Learning for Biomarker Development. International Journal of Molecular Sciences, 2023, 24, 1911.	1.8	9
240	Extracellular Vesicles as Potential Biomarkers in Amyotrophic Lateral Sclerosis. Genes, 2023, 14, 325.	1.0	7
241	Nutraceuticals and phytotherapeutics for holistic management of amyotrophic lateral sclerosis. 3 Biotech, 2023, 13, .	1.1	0
242	Physical activity as risk factor in amyotrophic lateral sclerosis: a systematic review and meta-analysis. Journal of Neurology, 2023, 270, 2438-2450.	1.8	2
243	Physical activity as an exogenous risk factor for amyotrophic lateral sclerosis: a review of the evidence. Brain, 2023, 146, 1745-1757.	3.7	8

#	Article	IF	Citations
244	Baseline Gait and Motor Function Predict Long-Term Severity of Neurological Outcomes of Viral Infection. International Journal of Molecular Sciences, 2023, 24, 2843.	1.8	0
246	Crosstalk between Oxidative Stress and Aging in Neurodegeneration Disorders. Cells, 2023, 12, 753.	1.8	7
247	Cannabinoid Neurobiology and Medical Cannabis Intervention for Amyotrophic Lateral Sclerosis (ALS). Advances in Medical Diagnosis, Treatment, and Care, 2023, , 147-169.	0.1	1
249	Clinical and genetic features of amyotrophic lateral sclerosis patients withC9orf72mutations. Brain Communications, 2023, 5, .	1.5	7
250	Neurodegenerative disease and antioxidant biomarkers: A bidirectional Mendelian randomization study. Frontiers in Neurology, 0, 14, .	1.1	3
251	Potential role of vitamin D levels in amyotrophic lateral sclerosis cognitive impairment. Neurological Sciences, 0, , .	0.9	0
252	In Silico Analyses of a Promising Drug Candidate for the Treatment of Amyotrophic Lateral Sclerosis Targeting Superoxide Dismutase I Protein. Pharmaceutics, 2023, 15, 1095.	2.0	2
253	Molecular and cellular biology of amyotrophic lateral sclerosis. Neurologie Pro Praxi, 2023, 24, 50-53.	0.0	0
254	Role of Oxidative Stress on the Etiology and Pathophysiology of Amyotrophic Lateral Sclerosis (ALS) and Its Relation with the Enteric Nervous System. Current Issues in Molecular Biology, 2023, 45, 3315-3332.	1.0	3
255	Type 2 diabetes, obesity, and risk of amyotrophic lateral sclerosis: A populationâ€based cohort study. Brain and Behavior, 2023, 13, .	1.0	2
256	Deregulation of Plasma microRNA Expression in a TARDBP-ALS Family. Biomolecules, 2023, 13, 706.	1.8	2
269	Selective vulnerability of motor neuron types and functional groups to degeneration in amyotrophic lateral sclerosis: review of the neurobiological mechanisms and functional correlates. Brain Structure and Function, 0, , .	1.2	0