Marta Gromicho

List of Publications by Year
in descending order

66 papers	1,277 citations	623574 14 h-index	414303 32 g-index
71 all docs	71 docs citations	71 times ranked	1652 citing authors

#	Article	IF	Citations
1	Prognosis for patients with amyotrophic lateral sclerosis: development and validation of a personalised prediction model. Lancet Neurology, The, 2018, 17, 423-433.	4.9	342
2	Common and rare variant association analyses in amyotrophic lateral sclerosis identify 15 risk loci with distinct genetic architectures and neuron-specific biology. Nature Genetics, 2021, 53, 1636-1648.	9.4	223
3	Development of imatinib and dasatinib resistance: dynamics of expression of drug transportersABCB1, ABCC1, ABCG2, MVP, and SLC22A1. Leukemia and Lymphoma, 2011, 52, 1980-1990.	0.6	62
4	Simultaneous production of triploid and haploid eggs by triploidSqualius alburnoides(Teleostei:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62 552-558.	1.3	45
5	Genomics and Cancer Drug Resistance. Current Pharmaceutical Biotechnology, 2012, 13, 651-673.	0.9	39
6	Instability of mRNA expression signatures of drug transporters in chronic myeloid leukemia patients resistant to imatinib. Oncology Reports, 2013, 29, 741-750.	1.2	38
7	Contrast between extensive variation of 28S rDNA and stability of 5S rDNA and telomeric repeats in the diploid-polyploid Squalius alburnoides complex and in its maternal ancestor Squalius pyrenaicus (Teleostei, Cyprinidae). Chromosome Research, 2006, 14, 297-306.	1.0	35
8	Spreading in ALS: The relative impact of upper and lower motor neuron involvement. Annals of Clinical and Translational Neurology, 2020, 7, 1181-1192.	1.7	34
9	Lack of correspondence between CMA₃-, Ag-positive signals and 28S rDNA loci in two Iberian minnows (Teleostei, Cyprinidae) evidenced by sequential banding. Cytogenetic and Genome Research, 2005, 109, 507-511.	0.6	33
10	Interleukin-6 and amyotrophic lateral sclerosis. Journal of the Neurological Sciences, 2019, 398, 50-53.	0.3	29
11	Impact of comorbidities and co-medication on disease onset and progression in a large German ALS patient group. Journal of Neurology, 2020, 267, 2130-2141.	1.8	23
12	Cytogenetic analysis of Anaecypris hispanica and its relationship with the paternal ancestor of the diploid-polyploid Squalius alburnoides complex. Genome, 2006, 49, 1621-1628.	0.9	20
13	Polymorphism of major ribosomal gene chromosomal sites (NOR-phenotypes) in the hybridogenetic fish Squalius alburnoides complex (Cyprinidae) assessed through crossing experiments. Genetica, 2004, 122, 291-302.	0.5	19
14	Influence of Environment and Lifestyle on Incidence and Progress of Amyotrophic Lateral Sclerosis in A German ALS Population. , 2019, 10, 205.		18
15	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
16	Phosphoneurofilament heavy chain and vascular endothelial growth factor as cerebrospinal fluid biomarkers for ALS. Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration, 2017, 18, 134-136.	1.1	15
17	Investigating LGALS3BP/90â€‰K glycoprotein in the cerebrospinal fluid of patients with neurological diseases. Scientific Reports, 2020, 10, 5649.	1.6	15
18	Young-onset rapidly progressive ALS associated with heterozygous FUS mutation. Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration, 2017, 18, 451-453.	1.1	14

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19	C9orf72 expansion is associated with accelerated decline of respiratory function and decreased survival in amyotrophic lateral sclerosis. Journal of Neurology, Neurosurgery and Psychiatry, 2019, 90, 118-120.	0.9	14
20	DNA damage response in imatinib resistant chronic myeloid leukemia K562 cells. Leukemia and Lymphoma, 2012, 53, 2004-2014.	0.6	13
21	A comparative study of South African and Portuguese amyotrophic lateral sclerosis cohorts. Journal of the Neurological Sciences, 2020, 414, 116857.	0.3	12
22	Delayed Diagnosis and Diagnostic Pathway of ALS Patients in Portugal: Where Can We Improve?. Frontiers in Neurology, 2021, 12, 761355.	1.1	12
23	Sialorrhoea and reversals in ALS functional rating scale. Journal of Neurology, Neurosurgery and Psychiatry, 2017, 88, 187-188.	0.9	10
24	Cardiovascular comorbidities in amyotrophic lateral sclerosis. Journal of the Neurological Sciences, 2021, 421, 117292.	0.3	10
25	Learning dynamic Bayesian networks from time-dependent and time-independent data: Unraveling disease progression in Amyotrophic Lateral Sclerosis. Journal of Biomedical Informatics, 2021, 117, 103730.	2.5	10
26	Transforming growth factor-Î² plasma levels and its role in amyotrophic lateral sclerosis. Medical Hypotheses, 2020, 139, 109632.	0.8	9
27	Familial clustering of primary lateral sclerosis and amyotrophic lateral sclerosis: Supplementary evidence for a continuum. European Journal of Neurology, 2021, 28, 2780-2783.	1.7	9
28	Cerebrospinal Fluid Chitinases as Biomarkers for Amyotrophic Lateral Sclerosis. Diagnostics, 2021, 11, 1210.	1.3	9
29	Clinical characteristics in young-adult ALS â€“ results from a Portuguese cohort study. Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration, 2020, 21, 620-623.	1.1	8
30	Predicting Non-invasive Ventilation in ALS Patients Using Stratified Disease Progression Groups. , 2018, , .		7
31	Frequency of C9orf72 hexanucleotide repeat expansion and SOD1Âmutations in Portuguese patients with amyotrophic lateralÂsclerosis. Neurobiology of Aging, 2018, 70, 325.e7-325.e15.	1.5	7
32	VRK1 variants in two Portuguese unrelated patients with childhood-onset motor neuron disease. Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration, 2020, 21, 291-295.	1.1	7
33	Motor neuron disease beginning with frontotemporal dementia: clinical features and progression. Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration, 2021, 22, 508-516.	1.1	7
34	Explainable models of disease progression in ALS: Learning from longitudinal clinical data with recurrent neural networks and deep model explanation. Computer Methods and Programs in Biomedicine Update, 2021, 1, 100018.	2.3	7
35	Respiratory onset in amyotrophic lateral sclerosis: clinical features and spreading pattern. Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration, 2023, 24, 40-44.	1.1	7
36	Very late-onset amyotrophic lateral sclerosis in a Portuguese cohort. Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration, 2018, 19, 619-622.	1.1	6

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37	Assessment of sympathetic sudomotor function in amyotrophic lateral sclerosis with electrochemical skin conductance. Clinical Neurophysiology, 2021, 132, 2032-2036.	0.7	6
38	Electromyographic findings in primary lateral sclerosis during disease progression. Clinical Neurophysiology, 2021, 132, 2996-3001.	0.7	6
39	Brain white matter demyelinating lesions and amyotrophic lateral sclerosis in a patient with C9orf72 hexanucleotide repeat expansion. Multiple Sclerosis and Related Disorders, 2017, 17, 1-4.	0.9	5
40	Novel TBK1 LoF variant in a family with upper motor neuron predominant motor neuron disease. Journal of the Neurological Sciences, 2019, 403, 117-118.	0.3	5
41	Diaphragmatic CMAP amplitude from phrenic nerve stimulation predicts functional decline in ALS. Journal of Neurology, 2020, 267, 2123-2129.	1.8	5
42	Learning Prognostic Models Using Disease Progression Patterns: Predicting the Need for Non-Invasive Ventilation in Amyotrophic Lateral Sclerosis. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2022, 19, 2572-2583.	1.9	5
43	The Evolutionary Role of Hybridization and Polyploidy in an Iberian Cyprinid Fishâ€"A Cytogenetic Review. , 2007, , 41-68.		5
44	Dynamic Bayesian Networks for stratification of disease progression in Amyotrophic Lateral Sclerosis. European Journal of Neurology, 2022, , .	1.7	5
45	Plasma level of clubâ€cell (CC â€16) predicts outcome in amyotrophic lateral sclerosis. Acta Neurologica Scandinavica, 2018, 137, 233-237.	1.0	4
46	Unravelling Disease Presentation Patterns in ALS Using Biclustering for Discriminative Meta-Features Discovery. Lecture Notes in Computer Science, 2020, , 517-528.	1.0	4
47	Respiratory function tests in amyotrophic lateral sclerosis: The role of maximal voluntary ventilation. Journal of the Neurological Sciences, 2022, 434, 120143.	0.3	4
48	Assessing upper limb function with ALSFRS-R in amyotrophic lateral sclerosis patients. Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration, 2019, 20, 445-448.	1.1	3
49	Cervical muscle weakness is a marker of respiratory dysfunction in amyotrophic lateral sclerosis. Journal of Neurology, Neurosurgery and Psychiatry, 2020, 91, 323-324.	0.9	3
50	Family history of neurodegenerative disorders in patients with amyotrophic lateral sclerosis: population-based caseâ€"control study. Journal of Neurology, Neurosurgery and Psychiatry, 2020, 91, 671-672.	0.9	3
51	Reliability of phrenic nerve conduction study: In healthy controls and in patients with primary lateral sclerosis. Clinical Neurophysiology, 2020, 131, 994-999.	0.7	3
52	Plasma Creatinine Level Does Not Predict Respiratory Function in Amyotrophic Lateral Sclerosis. Journal of Neuromuscular Diseases, 2021, 8, 795-799.	1.1	3
53	Towards Triclustering-Based Classification of Three-Way Clinical Data: A Case Study on Predicting Non-invasive Ventilation in ALS. Advances in Intelligent Systems and Computing, 2021, , 112-122.	0.5	3
54	Peripheral neuropathy in ALS: phenotype association. Journal of Neurology, Neurosurgery and Psychiatry, 2021, 92, 1133-1134.	0.9	3

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55	DNA Repair and Resistance to Cancer Therapy. , 0, , .		2
56	Targeted next-generation sequencing study in familial ALS-FTD Portuguese patients negative for C9orf72 HRE. Journal of Neurology, 2020, 267, 3578-3592.	1.8	2
57	Patient Stratification Using Clinical and Patient Profiles: Targeting Personalized Prognostic Prediction in ALS. Lecture Notes in Computer Science, 2020, , 529-541.	1.0	2
58	Dynamics of Expression of Drug Transporters: Methods for Appraisal. Methods in Molecular Biology, 2016, 1395, 75-85.	0.4	1
59	Predictive Medicine Using Interpretable Recurrent Neural Networks. Lecture Notes in Computer Science, 2021, , 187-202.	1.0	1
60	Î³' Fibrinogen as a Predictor of Survival in Amyotrophic Lateral Sclerosis. Frontiers in Cardiovascular Medicine, 2021, 8, 715842.	1.1	1
61	Thyroid dysfunction in Portuguese amyotrophic lateral sclerosis patients. Neurological Sciences, 2022, 43, 5625-5627.	0.9	1
62	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
63	ALS and fertility: does ALS affect number of children patients have?. Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration, 2021, 22, 94-100.	1.1	0
64	Reply to the letter from Gazulla. European Journal of Neurology, 2022, 29, e3-e4.	1.7	0
65	Impact of SARS-CoV-2 Infection Among Non-Invasive Ventilated ALS Patients. Journal of Neuromuscular Diseases, 2022, 9, 257-259.	1.1	0
66	Motor neuron disease in three asymptomatic pVal50Met TTR gene carriers. Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration, 2022, , 1-3.	1.1	0