Marco Baralle

List of Publications by Year
in descending order

52	2,723	304368	189595
papers	citations	22 h-index	50 g-index

54	54	54	4321
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	TDP-43 regulates its mRNA levels through a negative feedback loop. EMBO Journal, 2011, 30, 277-288.	3.5	492
2	Splicing in action: assessing disease causing sequence changes. Journal of Medical Genetics, 2005, 42, 737-748.	1.5	397
3	Exon and intron definition in preâ€mRNA splicing. Wiley Interdisciplinary Reviews RNA, 2013, 4, 49-60.	3.2	249
4	Nuclear factor TDPâ€43 can affect selected microRNA levels. FEBS Journal, 2010, 277, 2268-2281.	2.2	204
5	Defective splicing, disease and therapy: searching for master checkpoints in exon definition. Nucleic Acids Research, 2006, 34, 3494-3510.	6.5	189
6	Aberrant 5â€² splice sites in human disease genes: mutation pattern, nucleotide structure and comparison of computational tools that predict their utilization. Nucleic Acids Research, 2007, 35, 4250-4263.	6.5	175
7	Congenital insensitivity to pain: novel SCN9A missense and in-frame deletion mutations. Human Mutation, 2010, 31, E1670-E1686.	1.1	97
8	hnRNP H binding at the 5' splice site correlates with the pathological effect of two intronic mutations in the NF-1 and TSHÂ genes. Nucleic Acids Research, 2004, 32, 4224-4236.	6.5	71
9	NF1mRNA biogenesis: Effect of the genomic milieu in splicing regulation of theNF1exon 37 region. FEBS Letters, 2006, 580, 4449-4456.	1.3	64
10	The role of TDP-43 in the pathogenesis of ALS and FTLD. Biochemical Society Transactions, 2013, 41, 1536-1540.	1.6	60
11	The splicing code. BioSystems, 2018, 164, 39-48.	0.9	59
12	TDP-43 affects splicing profiles and isoform production of genes involved in the apoptotic and mitotic cellular pathways. Nucleic Acids Research, 2015, 43, 8990-9005.	6.5	58
13	An intronic mutation causes long QT syndrome. Journal of the American College of Cardiology, 2004, 44, 1283-1291.	1.2	57
14	Influence of Friedreich Ataxia GAA Noncoding Repeat Expansions on Pre-mRNA Processing. American Journal of Human Genetics, 2008, 83, 77-88.	2.6	50
15	TDP-43 aggregation mirrors TDP-43 knockdown, affecting the expression levels of a common set of proteins. Scientific Reports, 2016, 6, 33996.	1.6	50
16	Predominance of spliceosomal complex formation over polyadenylation site selection in TDP-43 autoregulation. Nucleic Acids Research, 2014, 42, 3362-3371.	6.5	33
17	An Amyloid-Like Pathological Conformation of TDP-43 Is Stabilized by Hypercooperative Hydrogen Bonds. Frontiers in Molecular Neuroscience, 2016, 9, 125.	1.4	33
18	Neurodegeneration and <scp>RNA</scp>â€binding proteins. Wiley Interdisciplinary Reviews RNA, 2017, 8, e1394.	3.2	33

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19	The pathological splicing mutation c.6792C > G in NF1 exon 37 causes a change of tenancy between antagonistic splicing factors. FEBS Letters, 2008, 582, 2231-2236.	1.3	31
20	Mutually exclusive splicing regulates the Nav 1.6 sodium channel function through a combinatorial mechanism that involves three distinct splicing regulatory elements and their ligands. Nucleic Acids Research, 2012, 40, 6255-6269.	6.5	26
21	UG Repeats/TDP-43 Interactions near 5â€² Splice Sites Exert Unpredictable Effects on Splicing Modulation. Journal of Molecular Biology, 2012, 415, 46-60.	2.0	26
22	An age-related reduction of brain TBPH/TDP-43 levels precedes the onset of locomotion defects in a Drosophila ALS model. Neuroscience, 2015, 311, 415-421.	1.1	25
23	A Simplified and Efficient Process for Insulin Production in Pichia pastoris. PLoS ONE, 2016, 11, e0167207.	1.1	24
24	A patient-based model of RNA mis-splicing uncovers treatment targets in Parkinsonâ€™s disease. Science Translational Medicine, 2020, 12, .	5.8	24
25	Identification and characterization of four PAX8 rare sequence variants (p.T225M, p.L233L, p.G336S and) Tj ETQq1 1 0.784314 rgBT /O Endocrinology, 2008, 68, 828-835.	1.2	18
26	Complexities of 5'splice site definition: Implications in clinical analyses. RNA Biology, 2012, 9, 911-923.	1.5	17
27	Antisense-based RNA therapy of factor V deficiency: in vitro and ex vivo rescue of a F5 deep-intronic splicing mutation. Blood, 2013, 122, 3825-3831.	0.6	17
28	From single splicing events to thousands: the ambiguous step forward in splicing research. Briefings in Functional Genomics, 2013, 12, 3-12.	1.3	16
29	InTRONs in Biotech. Molecular Biotechnology, 2011, 48, 290-297.	1.3	15
30	Regulation of the human apolipoprotein AIV gene expression in transgenic mice. FEBS Letters, 1999, 445, 45-52.	1.3	9
31	Improving human interferon-Î² production in mammalian cell lines by insertion of an intronic sequence within its naturally uninterrupted gene. Biotechnology and Applied Biochemistry, 2009, 52, 191.	1.4	9
32	Exonic splicing signals impose constraints upon the evolution of enzymatic activity. Nucleic Acids Research, 2014, 42, 5790-5798.	6.5	8
33	New routes in frontotemporal dementia drug discovery. Expert Opinion on Drug Discovery, 2017, 12, 659-671.	2.5	8
34	Alternative splicing and liver disease. Annals of Hepatology, 2021, 26, 100534.	0.6	8
35	Functional Analysis of Mutations in Exon 9 of NF1 Reveals the Presence of Several Elements Regulating Splicing. PLoS ONE, 2015, 10, e0141735.	1.1	8
36	Characterization of two novel GBA mutations causing Gaucher disease that lead to aberrant RNA species by using functional splicing assays. Human Mutation, 2006, 27, 119-119.	1.1	7

#	Article	IF	Citations
37	Physiological tissue-specific and age-related reduction of mouse TDP-43 levels is regulated by epigenetic modifications. DMM Disease Models and Mechanisms, 2022, , .	1.2	7
38	Force-feeding malignant mesothelioma stem-cell like with exosome-delivered miR-126 induces tumour cell killing. Translational Oncology, 2022, 20, 101400.	1.7	7
39	Genetics and molecular biology. Current Opinion in Lipidology, 2000, 11, 653-656.	1.2	6
40	Absence of <scp>TDP</scp> â€43 is difficult to digest. EMBO Journal, 2016, 35, 115-117.	3.5	6
41	Antimycobacterial activity of new N 1 -[1-[1-aryl-3-[4-(1 H) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 587 Td (-imidazol-1-yl)pheny Chemistry Letters, 2016, 26, 3287-3290.	1.0	5
42	Thioridazine reverts the phenotype in cellular and Drosophila models of amyotrophic lateral sclerosis by enhancing TDP-43 aggregate clearance. Neurobiology of Disease, 2021, 160, 105515.	2.1	5
43	Human apolipoprotein A-IV reduces gastric acid secretion and diminishes ulcer formation in transgenic mice. FEBS Letters, 1999, 460, 178-181.	1.3	4
44	Genetics and molecular biology: single nucleotide polymorphism associations and their functional significance. Current Opinion in Lipidology, 2006, 17, 360-362.	1.2	4
45	Characterization of the human TARDBP gene promoter. Scientific Reports, 2021, 11, 10438.	1.6	4
46	Characterization of Variegate Porphyria Mutations Using a Minigene Approach. JIMD Reports, 2014, 20, 39-44.	0.7	3
47	Genetics and molecular biology: micro RNAs are welcome to the lipid field. Current Opinion in Lipidology, 2007, 18, 375-377.	1.2	2
48	Genetics and molecular biology. Current Opinion in Lipidology, 2001, 12, 663-665.	1.2	1
49	Genetics and molecular biology: variations in alternative spliced pre-mRNA-protein isoforms and their role in disease. Current Opinion in Lipidology, 2008, 19, 429-430.	1.2	1
50	[P1â€“131]: PHENOTYPIC HIGHâ€CONTENT SCREEN MEASURING CLEARANCE OF TDP â€•43 AGGREGATES. Alzheimer's and Dementia, 2017, 13, P292.	0.4	1
51	Vascular gene therapy: getting to know the players, avoiding the pitfalls. Current Opinion in Lipidology, 2004, 15, 479-481.	1.2	0
52	Genetics and molecular biology. Current Opinion in Lipidology, 2005, 16, 385-387.	1.2	0