

Marco Baralle

List of Publications by Year in descending order

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Version: 2024-02-01

52
papers

2,723
citations

304602

22
h-index

189801

50
g-index

54
all docs

54
docs citations

54
times ranked

4321
citing authors

#	ARTICLE	IF	CITATIONS
1	Physiological tissue-specific and age-related reduction of mouse TDP-43 levels is regulated by epigenetic modifications. <i>DMM Disease Models and Mechanisms</i> , 2022, , .	1.2	7
2	Force-feeding malignant mesothelioma stem-cell like with exosome-delivered miR-126 induces tumour cell killing. <i>Translational Oncology</i> , 2022, 20, 101400.	1.7	7
3	Characterization of the human TARDBP gene promoter. <i>Scientific Reports</i> , 2021, 11, 10438.	1.6	4
4	Thioridazine reverts the phenotype in cellular and Drosophila models of amyotrophic lateral sclerosis by enhancing TDP-43 aggregate clearance. <i>Neurobiology of Disease</i> , 2021, 160, 105515.	2.1	5
5	Alternative splicing and liver disease. <i>Annals of Hepatology</i> , 2021, 26, 100534.	0.6	8
6	A patient-based model of RNA mis-splicing uncovers treatment targets in Parkinson's disease. <i>Science Translational Medicine</i> , 2020, 12, .	5.8	24
7	The splicing code. <i>BioSystems</i> , 2018, 164, 39-48.	0.9	59
8	New routes in frontotemporal dementia drug discovery. <i>Expert Opinion on Drug Discovery</i> , 2017, 12, 659-671.	2.5	8
9	Neurodegeneration and RNA-binding proteins. <i>Wiley Interdisciplinary Reviews RNA</i> , 2017, 8, e1394.	3.2	33
10	[P1 ¹³¹]: PHENOTYPIC HIGH-CONTENT SCREEN MEASURING CLEARANCE OF TDP-43 AGGREGATES. <i>Alzheimer's and Dementia</i> , 2017, 13, P292.	0.4	1
11	An Amyloid-Like Pathological Conformation of TDP-43 Is Stabilized by Hypercooperative Hydrogen Bonds. <i>Frontiers in Molecular Neuroscience</i> , 2016, 9, 125.	1.4	33
12	Absence of TDP-43 is difficult to digest. <i>EMBO Journal</i> , 2016, 35, 115-117.	3.5	6
13	TDP-43 aggregation mirrors TDP-43 knockdown, affecting the expression levels of a common set of proteins. <i>Scientific Reports</i> , 2016, 6, 33996.	1.6	50
14	A Simplified and Efficient Process for Insulin Production in <i>Pichia pastoris</i> . <i>PLoS ONE</i> , 2016, 11, e0167207.	1.1	24
15	Antimycobacterial activity of new N 1 -[1-aryl-3-[4-(1 H) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 187 Td (-imidazol-1-yl)phenyl]- Chemistry Letters, 2016, 26, 3287-3290.	1.0	5
16	An age-related reduction of brain TBPH/TDP-43 levels precedes the onset of locomotion defects in a <i>Drosophila</i> ALS model. <i>Neuroscience</i> , 2015, 311, 415-421.	1.1	25
17	TDP-43 affects splicing profiles and isoform production of genes involved in the apoptotic and mitotic cellular pathways. <i>Nucleic Acids Research</i> , 2015, 43, 8990-9005.	6.5	58
18	Functional Analysis of Mutations in Exon 9 of NF1 Reveals the Presence of Several Elements Regulating Splicing. <i>PLoS ONE</i> , 2015, 10, e0141735.	1.1	8

#	ARTICLE	IF	CITATIONS
19	Characterization of Variegate Porphyria Mutations Using a Minigene Approach. <i>JIMD Reports</i> , 2014, 20, 39-44.	0.7	3
20	Exonic splicing signals impose constraints upon the evolution of enzymatic activity. <i>Nucleic Acids Research</i> , 2014, 42, 5790-5798.	6.5	8
21	Predominance of spliceosomal complex formation over polyadenylation site selection in TDP-43 autoregulation. <i>Nucleic Acids Research</i> , 2014, 42, 3362-3371.	6.5	33
22	The role of TDP-43 in the pathogenesis of ALS and FTL. <i>Biochemical Society Transactions</i> , 2013, 41, 1536-1540.	1.6	60
23	Exon and intron definition in pre-mRNA splicing. <i>Wiley Interdisciplinary Reviews RNA</i> , 2013, 4, 49-60.	3.2	249
24	From single splicing events to thousands: the ambiguous step forward in splicing research. <i>Briefings in Functional Genomics</i> , 2013, 12, 3-12.	1.3	16
25	Antisense-based RNA therapy of factor V deficiency: in vitro and ex vivo rescue of a F5 deep-intronic splicing mutation. <i>Blood</i> , 2013, 122, 3825-3831.	0.6	17
26	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. <i>Nucleic Acids Research</i> , 2012, 40, 6255-6269.	6.5	26
27	Complexities of 5' splice site definition: Implications in clinical analyses. <i>RNA Biology</i> , 2012, 9, 911-923.	1.5	17
28	UG Repeats/TDP-43 Interactions near 5' Splice Sites Exert Unpredictable Effects on Splicing Modulation. <i>Journal of Molecular Biology</i> , 2012, 415, 46-60.	2.0	26
29	TDP-43 regulates its mRNA levels through a negative feedback loop. <i>EMBO Journal</i> , 2011, 30, 277-288.	3.5	492
30	InTRONs in Biotech. <i>Molecular Biotechnology</i> , 2011, 48, 290-297.	1.3	15
31	Congenital insensitivity to pain: novel SCN9A missense and in-frame deletion mutations. <i>Human Mutation</i> , 2010, 31, E1670-E1686.	1.1	97
32	Nuclear factor TDP-43 can affect selected microRNA levels. <i>FEBS Journal</i> , 2010, 277, 2268-2281.	2.2	204
33	Improving human interferon- β production in mammalian cell lines by insertion of an intronic sequence within its naturally uninterrupted gene. <i>Biotechnology and Applied Biochemistry</i> , 2009, 52, 191.	1.4	9
34	Influence of Friedreich Ataxia GAA Noncoding Repeat Expansions on Pre-mRNA Processing. <i>American Journal of Human Genetics</i> , 2008, 83, 77-88.	2.6	50
35	Identification and characterization of four PAX8 rare sequence variants (p.T225M, p.L233L, p.G336S and) <i>Tj ETQq1 1 0.784314 rgBT</i> <i>Endocrinology</i> , 2008, 68, 828-835.	1.2	18
36	The pathological splicing mutation c.6792C > G in <i>NF1</i> exon 37 causes a change of tenancy between antagonistic splicing factors. <i>FEBS Letters</i> , 2008, 582, 2231-2236.	1.3	31

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37	Genetics and molecular biology: variations in alternative spliced pre-mRNA-protein isoforms and their role in disease. <i>Current Opinion in Lipidology</i> , 2008, 19, 429-430.	1.2	1
38	Aberrant 5â€™ splice sites in human disease genes: mutation pattern, nucleotide structure and comparison of computational tools that predict their utilization. <i>Nucleic Acids Research</i> , 2007, 35, 4250-4263.	6.5	175
39	Genetics and molecular biology: micro RNAs are welcome to the lipid field. <i>Current Opinion in Lipidology</i> , 2007, 18, 375-377.	1.2	2
40	NF1mRNA biogenesis: Effect of the genomic milieu in splicing regulation of theNF1exon 37 region. <i>FEBS Letters</i> , 2006, 580, 4449-4456.	1.3	64
41	Genetics and molecular biology: single nucleotide polymorphism associations and their functional significance. <i>Current Opinion in Lipidology</i> , 2006, 17, 360-362.	1.2	4
42	Characterization of two novel GBA mutations causing Gaucher disease that lead to aberrant RNA species by using functional splicing assays. <i>Human Mutation</i> , 2006, 27, 119-119.	1.1	7
43	Defective splicing, disease and therapy: searching for master checkpoints in exon definition. <i>Nucleic Acids Research</i> , 2006, 34, 3494-3510.	6.5	189
44	Genetics and molecular biology. <i>Current Opinion in Lipidology</i> , 2005, 16, 385-387.	1.2	0
45	Splicing in action: assessing disease causing sequence changes. <i>Journal of Medical Genetics</i> , 2005, 42, 737-748.	1.5	397
46	hnRNP H binding at the 5' splice site correlates with the pathological effect of two intronic mutations in the NF-1 and TSHÂ genes. <i>Nucleic Acids Research</i> , 2004, 32, 4224-4236.	6.5	71
47	An intronic mutation causes long QT syndrome. <i>Journal of the American College of Cardiology</i> , 2004, 44, 1283-1291.	1.2	57
48	Vascular gene therapy: getting to know the players, avoiding the pitfalls. <i>Current Opinion in Lipidology</i> , 2004, 15, 479-481.	1.2	0
49	Genetics and molecular biology. <i>Current Opinion in Lipidology</i> , 2001, 12, 663-665.	1.2	1
50	Genetics and molecular biology. <i>Current Opinion in Lipidology</i> , 2000, 11, 653-656.	1.2	6
51	Regulation of the human apolipoprotein AIV gene expression in transgenic mice. <i>FEBS Letters</i> , 1999, 445, 45-52.	1.3	9
52	Human apolipoprotein A-IV reduces gastric acid secretion and diminishes ulcer formation in transgenic mice. <i>FEBS Letters</i> , 1999, 460, 178-181.	1.3	4