

Pia Bernasconi

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

86
papers

2,409
citations

30
h-index

46
g-index

90
ext. papers

2,813
ext. citations

4.8
avg. IF

4.41
L-index

#	Paper	IF	Citations
86	Dysregulation of Muscle-Specific MicroRNAs as Common Pathogenic Feature Associated with Muscle Atrophy in ALS, SMA and SBMA: Evidence from Animal Models and Human Patients. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	4
85	Next-generation sequencing application to investigate skeletal muscle channelopathies in a large cohort of Italian patients. <i>Neuromuscular Disorders</i> , 2021 , 31, 336-347	2.9	4
84	miR-146a in Myasthenia Gravis Thymus Bridges Innate Immunity With Autoimmunity and Is Linked to Therapeutic Effects of Corticosteroids. <i>Frontiers in Immunology</i> , 2020 , 11, 142	8.4	17
83	Cytokine Profile in Striated Muscle Laminopathies: New Promising Biomarkers for Disease Prediction. <i>Cells</i> , 2020 , 9,	7.9	2
82	Circulating MyomiRs as Potential Biomarkers to Monitor Response to Nusinersen in Pediatric SMA Patients. <i>Biomedicines</i> , 2020 , 8,	4.8	15
81	Clinical and Molecular Spectrum of Myotonia and Periodic Paralysis Associated With Mutations in a Large Cohort of Italian Patients. <i>Frontiers in Neurology</i> , 2020 , 11, 646	4.1	3
80	Pharmacogenetic and pharmaco-miR biomarkers for tailoring and monitoring myasthenia gravis treatments. <i>Expert Review of Precision Medicine and Drug Development</i> , 2020 , 5, 317-329	1.6	2
79	Therapeutic effect of Anakinra in the relapsing chronic phase of febrile infection-related epilepsy syndrome. <i>Epilepsia Open</i> , 2019 , 4, 344-350	4	49
78	FM19G11-Loaded Gold Nanoparticles Enhance the Proliferation and Self-Renewal of Ependymal Stem Progenitor Cells Derived from ALS Mice. <i>Cells</i> , 2019 , 8,	7.9	13
77	Aging-associated genes and microRNAs: a contribution to myogenic program dysregulation in oculopharyngeal muscular dystrophy. <i>FASEB Journal</i> , 2019 , 33, 7155-7167	0.9	6
76	VAPB depletion alters neuritogenesis and phosphoinositide balance in motoneuron-like cells: relevance to VAPB-linked amyotrophic lateral sclerosis. <i>Journal of Cell Science</i> , 2019 , 132,	5.3	6
75	Hyperexcitability in Cultured Cortical Neuron Networks from the G93A-SOD1 Amyotrophic Lateral Sclerosis Model Mouse and its Molecular Correlates. <i>Neuroscience</i> , 2019 , 416, 88-99	3.9	10
74	MicroRNA signature associated with treatment response in myasthenia gravis: A further step towards precision medicine. <i>Pharmacological Research</i> , 2019 , 148, 104388	10.2	10
73	Autoimmune Encephalitis and CSF Anti-GluR3 Antibodies in an MS Patient after Alemtuzumab Treatment. <i>Brain Sciences</i> , 2019 , 9,	3.4	4
72	Italian recommendations for diagnosis and management of congenital myasthenic syndromes. <i>Neurological Sciences</i> , 2019 , 40, 457-468	3.5	16
71	Pharmacogenetics of myotonic hNav1.4 sodium channel variants situated near the fast inactivation gate. <i>Pharmacological Research</i> , 2019 , 141, 224-235	10.2	12
70	Toll-like receptors 7 and 9 in myasthenia gravis thymus: amplifiers of autoimmunity?. <i>Annals of the New York Academy of Sciences</i> , 2018 , 1413, 11-24	6.5	18

69	Elevated TGF β serum levels in Emery-Dreifuss Muscular Dystrophy: Implications for myocyte and tenocyte differentiation and fibrogenic processes. <i>Nucleus</i> , 2018 , 9, 292-304	3.9	15
68	Exosomes and exosomal miRNAs from muscle-derived fibroblasts promote skeletal muscle fibrosis. <i>Matrix Biology</i> , 2018 , 74, 77-100	11.4	37
67	Up-regulation of Toll-like receptors 7 and 9 and its potential implications in the pathogenic mechanisms of LMNA-related myopathies. <i>Nucleus</i> , 2018 , 9, 398-409	3.9	9
66	Myasthenia gravis: from autoantibodies to therapy. <i>Current Opinion in Neurology</i> , 2018 , 31, 517-525	7.1	25
65	Autoimmune Frontotemporal Dementia: A New Nosological Entity?. <i>Alzheimer Disease and Associated Disorders</i> , 2017 , 31, 259-262	2.5	1
64	A longitudinal DTI and histological study of the spinal cord reveals early pathological alterations in G93A-SOD1 mouse model of amyotrophic lateral sclerosis. <i>Experimental Neurology</i> , 2017 , 293, 43-52	5.7	16
63	Coexistence of CLCN1 and SCN4A mutations in one family suffering from myotonia. <i>Neurogenetics</i> , 2017 , 18, 219-225	3	13
62	A novel ABCC6 haplotype is associated with azathioprine drug response in myasthenia gravis. <i>Pharmacogenetics and Genomics</i> , 2017 , 27, 51-56	1.9	5
61	Transcriptional and epigenetic analyses of the DMD locus reveal novel cis-acting DNA elements that govern muscle dystrophin expression. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2017 , 1860, 1138-1147	6	3
60	Epstein-Barr virus in tumor-infiltrating B cells of myasthenia gravis thymoma: an innocent bystander or an autoimmunity mediator?. <i>Oncotarget</i> , 2017 , 8, 95432-95449	3.3	13
59	Congenital myasthenic syndrome: phenotypic variability in patients harbouring p.T159P mutation in gene. <i>Acta Myologica</i> , 2017 , 36, 28-32	1.6	4
58	Biobank of Cells, Tissues and DNA from Patients with Neuromuscular Diseases: An Indispensable link between Clinical Centers and the Scientific Community. <i>Open Journal of Bioresources</i> , 2017 , 4,	0.9	3
57	A novel infection- and inflammation-associated molecular signature in peripheral blood of myasthenia gravis patients. <i>Immunobiology</i> , 2016 , 221, 1227-36	3.4	22
56	Multidisciplinary study of a new ClC-1 mutation causing myotonia congenita: a paradigm to understand and treat ion channelopathies. <i>FASEB Journal</i> , 2016 , 30, 3285-3295	0.9	15
55	Increased expression of Toll-like receptors 7 and 9 in myasthenia gravis thymus characterized by active Epstein-Barr virus infection. <i>Immunobiology</i> , 2016 , 221, 516-27	3.4	36
54	Comparison of Diffusion MRI Acquisition Protocols for the In Vivo Characterization of the Mouse Spinal Cord: Variability Analysis and Application to an Amyotrophic Lateral Sclerosis Model. <i>PLoS ONE</i> , 2016 , 11, e0161646	3.7	5
53	Skeletal Muscle Laminopathies: A Review of Clinical and Molecular Features. <i>Cells</i> , 2016 , 5,	7.9	52
52	Identification of a gene expression signature in peripheral blood of multiple sclerosis patients treated with disease-modifying therapies. <i>Clinical Immunology</i> , 2016 , 173, 133-146	9	4

51	New phenotype and neonatal onset of sodium channel myotonia in a child with a novel mutation of SCN4A gene. <i>Brain and Development</i> , 2015 , 37, 891-3	2.2	12
50	Up-regulation of neural and cell cycle-related microRNAs in brain of amyotrophic lateral sclerosis mice at late disease stage. <i>Molecular Brain</i> , 2015 , 8, 5	4.5	36
49	Modulation of TGFbeta 2 levels by lamin A in U2-OS osteoblast-like cells: understanding the osteolytic process triggered by altered lamins. <i>Oncotarget</i> , 2015 , 6, 7424-37	3.3	24
48	Novel phenotype associated with a mutation in the KCNA1(Kv1.1) gene. <i>Frontiers in Physiology</i> , 2014 , 5, 525	4.6	30
47	Altered miRNA expression is associated with neuronal fate in G93A-SOD1 ependymal stem progenitor cells. <i>Experimental Neurology</i> , 2014 , 253, 91-101	5.7	27
46	Fibrosis and inflammation are greater in muscles of beta-sarcoglycan-null mouse than mdx mouse. <i>Cell and Tissue Research</i> , 2014 , 356, 427-43	4.2	18
45	Innate immunity in myasthenia gravis thymus: pathogenic effects of Toll-like receptor 4 signaling on autoimmunity. <i>Journal of Autoimmunity</i> , 2014 , 52, 74-89	15.5	52
44	Autophagy, inflammation and innate immunity in inflammatory myopathies. <i>PLoS ONE</i> , 2014 , 9, e111490	3.7	30
43	LMNA-associated myopathies: the Italian experience in a large cohort of patients. <i>Neurology</i> , 2014 , 83, 1634-44	6.5	45
42	VAV1 and BAFF, via NFB pathway, are genetic risk factors for myasthenia gravis. <i>Annals of Clinical and Translational Neurology</i> , 2014 , 1, 329-39	5.3	22
41	Teaching video neuroimages: clinical course of infantile ascending hereditary spastic paralysis. <i>Neurology</i> , 2014 , 82, e61	6.5	
40	Etiology of myasthenia gravis: innate immunity signature in pathological thymus. <i>Autoimmunity Reviews</i> , 2013 , 12, 863-74	13.6	64
39	A large cohort of myotonia congenita probands: novel mutations and a high-frequency mutation region in exons 4 and 5 of the CLCN1 gene. <i>Journal of Human Genetics</i> , 2013 , 58, 581-7	4.3	32
38	Complete stable remission and autoantibody specificity in myasthenia gravis. <i>Neurology</i> , 2013 , 80, 188-95	5.5	43
37	A new thiopurine s-methyltransferase haplotype associated with intolerance to azathioprine. <i>Journal of Clinical Pharmacology</i> , 2013 , 53, 67-74	2.9	20
36	The empowerment of translational research: lessons from laminopathies. <i>Orphanet Journal of Rare Diseases</i> , 2012 , 7, 37	4.2	5
35	Autoimmune mechanisms in myasthenia gravis. <i>Current Opinion in Neurology</i> , 2012 , 25, 621-9	7.1	52
34	Osteopontin is highly expressed in severely dystrophic muscle and seems to play a role in muscle regeneration and fibrosis. <i>Histopathology</i> , 2011 , 59, 1215-28	7.3	41

33	Hind limb muscle atrophy precedes cerebral neuronal degeneration in G93A-SOD1 mouse model of amyotrophic lateral sclerosis: a longitudinal MRI study. <i>Experimental Neurology</i> , 2011 , 231, 30-7	5.7	67
32	The thymus in myasthenia gravis: Site of "innate autoimmunity"?. <i>Muscle and Nerve</i> , 2011 , 44, 467-84	3.4	46
31	Epstein-Barr virus in myasthenia gravis thymus: a matter of debate. <i>Annals of Neurology</i> , 2011 , 70, 519	9.4	7
30	Inflammation and epstein-barr virus infection are common features of myasthenia gravis thymus: possible roles in pathogenesis. <i>Autoimmune Diseases</i> , 2011 , 2011, 213092	2.9	18
29	Epstein-Barr virus persistence and reactivation in myasthenia gravis thymus. <i>Annals of Neurology</i> , 2010 , 67, 726-38	9.4	79
28	Identification of previously unreported mutations in CHRNA1, CHRNE and RAPSN genes in three unrelated Italian patients with congenital myasthenic syndromes. <i>Journal of Neurology</i> , 2010 , 257, 1119-23	5.5	10
27	Central core disease and susceptibility to malignant hyperthermia in a single family. <i>Journal of Neurology</i> , 2009 , 256, 1161-3	5.5	
26	Human adult skeletal muscle stem cells differentiate into cardiomyocyte phenotype in vitro. <i>Experimental Cell Research</i> , 2008 , 314, 366-76	4.2	16
25	BDNF and its receptors in human myasthenic thymus: implications for cell fate in thymic pathology. <i>Journal of Neuroimmunology</i> , 2008 , 197, 128-39	3.5	14
24	Thymoma-associated myasthenia gravis: outcome, clinical and pathological correlations in 197 patients on a 20-year experience. <i>Journal of Neuroimmunology</i> , 2008 , 201-202, 237-44	3.5	63
23	The kinesin superfamily motor protein KIF4 is associated with immune cell activation in idiopathic inflammatory myopathies. <i>Journal of Neuropathology and Experimental Neurology</i> , 2008 , 67, 624-32	3.1	16
22	Allorecognition of human neural stem cells by peripheral blood lymphocytes despite low expression of MHC molecules: role of TGF-beta in modulating proliferation. <i>International Immunology</i> , 2007 , 19, 1063-74	4.9	49
21	Immunomodulation of TGF-beta 1 in mdx mouse inhibits connective tissue proliferation in diaphragm but increases inflammatory response: implications for antifibrotic therapy. <i>Journal of Neuroimmunology</i> , 2006 , 175, 77-86	3.5	104
20	Inflammatory Myopathies 2006 , 119-134		
19	Decorin and biglycan expression is differentially altered in several muscular dystrophies. <i>Brain</i> , 2005 , 128, 2546-55	11.2	75
18	Increased toll-like receptor 4 expression in thymus of myasthenic patients with thymitis and thymic involution. <i>American Journal of Pathology</i> , 2005 , 167, 129-39	5.8	54
17	Anti-MOG autoantibodies in Italian multiple sclerosis patients: specificity, sensitivity and clinical association. <i>International Immunology</i> , 2004 , 16, 559-65	4.9	44
16	Rasmussen's encephalitis: update on pathogenesis and treatment. <i>Expert Review of Neurotherapeutics</i> , 2003 , 3, 835-43	4.3	2

15	Analysis of SJTREC levels in thymus from MG patients and normal children. <i>Annals of the New York Academy of Sciences</i> , 2003 , 998, 270-4	6.5	2
14	Expression of transforming growth factor-beta1 in thymus of myasthenia gravis patients: correlation with pathological abnormalities. <i>Annals of the New York Academy of Sciences</i> , 2003 , 998, 278-83	6.5	8
13	Myasthenia gravis (MG): epidemiological data and prognostic factors. <i>Annals of the New York Academy of Sciences</i> , 2003 , 998, 413-23	6.5	109
12	Video-assisted thoracoscopic extended thymectomy and extended transsternal thymectomy (T-3b) in non-thymomatous myasthenia gravis patients: remission after 6 years of follow-up. <i>Journal of the Neurological Sciences</i> , 2003 , 212, 31-6	3.2	107
11	Antibodies against GluR3 peptides are not specific for Rasmussen's encephalitis but are also present in epilepsy patients with severe, early onset disease and intractable seizures. <i>Journal of Neuroimmunology</i> , 2002 , 131, 179-85	3.5	130
10	Fibrogenic cytokines and extent of fibrosis in muscle of dogs with X-linked golden retriever muscular dystrophy. <i>Neuromuscular Disorders</i> , 2002 , 12, 828-35	2.9	48
9	Increased expression of beta-chemokines in muscle of patients with inflammatory myopathies. <i>Journal of Neuropathology and Experimental Neurology</i> , 2000 , 59, 164-9	3.1	67
8	Transforming growth factor-beta1 and fibrosis in congenital muscular dystrophies. <i>Neuromuscular Disorders</i> , 1999 , 9, 28-33	2.9	112
7	The expression of co-stimulatory and accessory molecules on cultured human muscle cells is not dependent on stimulus by pro-inflammatory cytokines: relevance for the pathogenesis of inflammatory myopathy. <i>Journal of Neuroimmunology</i> , 1998 , 85, 52-8	3.5	19
6	Transforming growth factor-beta 1 in polymyositis and dermatomyositis correlates with fibrosis but not with mononuclear cell infiltrate. <i>Journal of Neuropathology and Experimental Neurology</i> , 1997 , 56, 479-84	3.1	52
5	Major histocompatibility complex class II molecule expression on muscle cells is regulated by differentiation: implications for the immunopathogenesis of muscle autoimmune diseases. <i>Journal of Neuroimmunology</i> , 1996 , 68, 53-60	3.5	20
4	T-cell receptor-CDR3 sequences of polymyositis muscle-infiltrating T-lymphocytes indicate a conventional antigen as target. <i>Annals of the New York Academy of Sciences</i> , 1995 , 756, 414-7	6.5	1
3	T-cell infiltration in polymyositis is characterized by coexpression of cytotoxic and T-cell-activating cytokine transcripts. <i>Annals of the New York Academy of Sciences</i> , 1995 , 756, 418-20	6.5	13
2	Dystrophin characterization in BMD patients: correlation of abnormal protein with clinical phenotype. <i>Journal of the Neurological Sciences</i> , 1995 , 132, 146-55	3.2	29
1	Exosomes and exosomal miRNAs from muscle-derived fibroblasts promote skeletal muscle fibrosis		2