Pia Bernasconi

List of Publications by Citations

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	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. *Journal of Neuroimmunology*, **2002**, 131, 179-85	3.5	130
85	Transforming growth factor-beta1 and fibrosis in congenital muscular dystrophies. *Neuromuscular Disorders*, **1999**, 9, 28-33	2.9	112
84	Myasthenia gravis (MG): epidemiological data and prognostic factors. *Annals of the New York Academy of Sciences*, **2003**, 998, 413-23	6.5	109
83	Video-assisted thoracoscopic extended thymectomy and extended transsternal thymectomy (T-3b) in non-thymomatous myasthenia gravis patients: remission after 6 years of follow-up. *Journal of the Neurological Sciences*, **2003**, 212, 31-6	3.2	107
82	Immunomodulation of TGF-beta 1 in mdx mouse inhibits connective tissue proliferation in diaphragm but increases inflammatory response: implications for antifibrotic therapy. *Journal of Neuroimmunology*, **2006**, 175, 77-86	3.5	104
81	Epstein-Barr virus persistence and reactivation in myasthenia gravis thymus. *Annals of Neurology*, **2010**, 67, 726-38	9.4	79
80	Decorin and biglycan expression is differentially altered in several muscular dystrophies. *Brain*, **2005**, 128, 2546-55	11.2	75
79	Hind limb muscle atrophy precedes cerebral neuronal degeneration in G93A-SOD1 mouse model of amyotrophic lateral sclerosis: a longitudinal MRI study. *Experimental Neurology*, **2011**, 231, 30-7	5.7	67
78	Increased expression of beta-chemokines in muscle of patients with inflammatory myopathies. *Journal of Neuropathology and Experimental Neurology*, **2000**, 59, 164-9	3.1	67
77	Etiology of myasthenia gravis: innate immunity signature in pathological thymus. *Autoimmunity Reviews*, **2013**, 12, 863-74	13.6	64
76	Thymoma-associated myasthenia gravis: outcome, clinical and pathological correlations in 197 patients on a 20-year experience. *Journal of Neuroimmunology*, **2008**, 201-202, 237-44	3.5	63
75	Increased toll-like receptor 4 expression in thymus of myasthenic patients with thymitis and thymic involution. *American Journal of Pathology*, **2005**, 167, 129-39	5.8	54
74	Innate immunity in myasthenia gravis thymus: pathogenic effects of Toll-like receptor 4 signaling on autoimmunity. *Journal of Autoimmunity*, **2014**, 52, 74-89	15.5	52
73	Autoimmune mechanisms in myasthenia gravis. *Current Opinion in Neurology*, **2012**, 25, 621-9	7.1	52
72	Transforming growth factor-beta 1 in polymyositis and dermatomyositis correlates with fibrosis but not with mononuclear cell infiltrate. *Journal of Neuropathology and Experimental Neurology*, **1997**, 56, 479-84	3.1	52
71	Skeletal Muscle Laminopathies: A Review of Clinical and Molecular Features. *Cells*, **2016**, 5,	7.9	52
70	Therapeutic effect of Anakinra in the relapsing chronic phase of febrile infection-related epilepsy syndrome. *Epilepsia Open*, **2019**, 4, 344-350	4	49

69	Allorecognition of human neural stem cells by peripheral blood lymphocytes despite low expression of MHC molecules: role of TGF-beta in modulating proliferation. *International Immunology*, **2007**, 19, 1063-74	4.9	49
68	Fibrogenic cytokines and extent of fibrosis in muscle of dogs with X-linked golden retriever muscular dystrophy. *Neuromuscular Disorders*, **2002**, 12, 828-35	2.9	48
67	The thymus in myasthenia gravis: Site of "innate autoimmunity"?. *Muscle and Nerve*, **2011**, 44, 467-84	3.4	46
66	LMNA-associated myopathies: the Italian experience in a large cohort of patients. *Neurology*, **2014**, 83, 1634-44	6.5	45
65	Anti-MOG autoantibodies in Italian multiple sclerosis patients: specificity, sensitivity and clinical association. *International Immunology*, **2004**, 16, 559-65	4.9	44
64	Complete stable remission and autoantibody specificity in myasthenia gravis. *Neurology*, **2013**, 80, 188-96	6.5	43
63	Osteopontin is highly expressed in severely dystrophic muscle and seems to play a role in muscle regeneration and fibrosis. *Histopathology*, **2011**, 59, 1215-28	7.3	41
62	Exosomes and exosomal miRNAs from muscle-derived fibroblasts promote skeletal muscle fibrosis. *Matrix Biology*, **2018**, 74, 77-100	11.4	37
61	Up-regulation of neural and cell cycle-related microRNAs in brain of amyotrophic lateral sclerosis mice at late disease stage. *Molecular Brain*, **2015**, 8, 5	4.5	36
60	Increased expression of Toll-like receptors 7 and 9 in myasthenia gravis thymus characterized by active Epstein-Barr virus infection. *Immunobiology*, **2016**, 221, 516-27	3.4	36
59	A large cohort of myotonia congenita probands: novel mutations and a high-frequency mutation region in exons 4 and 5 of the CLCN1 gene. *Journal of Human Genetics*, **2013**, 58, 581-7	4.3	32
58	Novel phenotype associated with a mutation in the KCNA1(Kv1.1) gene. *Frontiers in Physiology*, **2014**, 5, 525	4.6	30
57	Autophagy, inflammation and innate immunity in inflammatory myopathies. *PLoS ONE*, **2014**, 9, e111490	3.7	30
56	Dystrophin characterization in BMD patients: correlation of abnormal protein with clinical phenotype. *Journal of the Neurological Sciences*, **1995**, 132, 146-55	3.2	29
55	Altered miRNA expression is associated with neuronal fate in G93A-SOD1 ependymal stem progenitor cells. *Experimental Neurology*, **2014**, 253, 91-101	5.7	27
54	Myasthenia gravis: from autoantibodies to therapy. *Current Opinion in Neurology*, **2018**, 31, 517-525	7.1	25
53	Modulation of TGFbeta 2 levels by lamin A in U2-OS osteoblast-like cells: understanding the osteolytic process triggered by altered lamins. *Oncotarget*, **2015**, 6, 7424-37	3.3	24
52	A novel infection- and inflammation-associated molecular signature in peripheral blood of myasthenia gravis patients. *Immunobiology*, **2016**, 221, 1227-36	3.4	22

51	VAV1 and BAFF, via NFB pathway, are genetic risk factors for myasthenia gravis. *Annals of Clinical and Translational Neurology*, **2014**, 1, 329-39	5.3	22
50	A new thiopurine s-methyltransferase haplotype associated with intolerance to azathioprine. *Journal of Clinical Pharmacology*, **2013**, 53, 67-74	2.9	20
49	Major histocompatibility complex class II molecule expression on muscle cells is regulated by differentiation: implications for the immunopathogenesis of muscle autoimmune diseases. *Journal of Neuroimmunology*, **1996**, 68, 53-60	3.5	20
48	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. *Journal of Neuroimmunology*, **1998**, 85, 52-8	3.5	19
47	Toll-like receptors 7 and 9 in myasthenia gravis thymus: amplifiers of autoimmunity?. *Annals of the New York Academy of Sciences*, **2018**, 1413, 11-24	6.5	18
46	Fibrosis and inflammation are greater in muscles of beta-sarcoglycan-null mouse than mdx mouse. *Cell and Tissue Research*, **2014**, 356, 427-43	4.2	18
45	Inflammation and epstein-barr virus infection are common features of myasthenia gravis thymus: possible roles in pathogenesis. *Autoimmune Diseases*, **2011**, 2011, 213092	2.9	18
44	miR-146a in Myasthenia Gravis Thymus Bridges Innate Immunity With Autoimmunity and Is Linked to Therapeutic Effects of Corticosteroids. *Frontiers in Immunology*, **2020**, 11, 142	8.4	17
43	A longitudinal DTI and histological study of the spinal cord reveals early pathological alterations in G93A-SOD1 mouse model of amyotrophic lateral sclerosis. *Experimental Neurology*, **2017**, 293, 43-52	5.7	16
42	Human adult skeletal muscle stem cells differentiate into cardiomyocyte phenotype in vitro. *Experimental Cell Research*, **2008**, 314, 366-76	4.2	16
41	The kinesin superfamily motor protein KIF4 is associated with immune cell activation in idiopathic inflammatory myopathies. *Journal of Neuropathology and Experimental Neurology*, **2008**, 67, 624-32	3.1	16
40	Italian recommendations for diagnosis and management of congenital myasthenic syndromes. *Neurological Sciences*, **2019**, 40, 457-468	3.5	16
39	Circulating MyomiRs as Potential Biomarkers to Monitor Response to Nusinersen in Pediatric SMA Patients. *Biomedicines*, **2020**, 8,	4.8	15
38	Elevated TGF serum levels in Emery-Dreifuss Muscular Dystrophy: Implications for myocyte and tenocyte differentiation and fibrogenic processes. *Nucleus*, **2018**, 9, 292-304	3.9	15
37	Multidisciplinary study of a new ClC-1 mutation causing myotonia congenita: a paradigm to understand and treat ion channelopathies. *FASEB Journal*, **2016**, 30, 3285-3295	0.9	15
36	BDNF and its receptors in human myasthenic thymus: implications for cell fate in thymic pathology. *Journal of Neuroimmunology*, **2008**, 197, 128-39	3.5	14
35	Coexistence of CLCN1 and SCN4A mutations in one family suffering from myotonia. *Neurogenetics*, **2017**, 18, 219-225	3	13
34	FM19G11-Loaded Gold Nanoparticles Enhance the Proliferation and Self-Renewal of Ependymal Stem Progenitor Cells Derived from ALS Mice. *Cells*, **2019**, 8,	7.9	13

33	Epstein-Barr virus in tumor-infiltrating B cells of myasthenia gravis thymoma: an innocent bystander or an autoimmunity mediator?. *Oncotarget*, **2017**, 8, 95432-95449	3.3	13
32	T-cell infiltration in polymyositis is characterized by coexpression of cytotoxic and T-cell-activating cytokine transcripts. *Annals of the New York Academy of Sciences*, **1995**, 756, 418-20	6.5	13
31	New phenotype and neonatal onset of sodium channel myotonia in a child with a novel mutation of SCN4A gene. *Brain and Development*, **2015**, 37, 891-3	2.2	12
30	Pharmacogenetics of myotonic hNav1.4 sodium channel variants situated near the fast inactivation gate. *Pharmacological Research*, **2019**, 141, 224-235	10.2	12
29	Hyperexcitability in Cultured Cortical Neuron Networks from the G93A-SOD1 Amyotrophic Lateral Sclerosis Model Mouse and its Molecular Correlates. *Neuroscience*, **2019**, 416, 88-99	3.9	10
28	MicroRNA signature associated with treatment response in myasthenia gravis: A further step towards precision medicine. *Pharmacological Research*, **2019**, 148, 104388	10.2	10
27	Identification of previously unreported mutations in CHRNA1, CHRNE and RAPSN genes in three unrelated Italian patients with congenital myasthenic syndromes. *Journal of Neurology*, **2010**, 257, 1119-23	5.5	10
26	Up-regulation of Toll-like receptors 7 and 9 and its potential implications in the pathogenic mechanisms of LMNA-related myopathies. *Nucleus*, **2018**, 9, 398-409	3.9	9
25	Expression of transforming growth factor-beta1 in thymus of myasthenia gravis patients: correlation with pathological abnormalities. *Annals of the New York Academy of Sciences*, **2003**, 998, 278-83	6.5	8
24	Epstein-Barr virus in myasthenia gravis thymus: a matter of debate. *Annals of Neurology*, **2011**, 70, 519	9.4	7
23	Aging-associated genes and microRNAs: a contribution to myogenic program dysregulation in oculopharyngeal muscular dystrophy. *FASEB Journal*, **2019**, 33, 7155-7167	0.9	6
22	VAPB depletion alters neuritogenesis and phosphoinositide balance in motoneuron-like cells: relevance to VAPB-linked amyotrophic lateral sclerosis. *Journal of Cell Science*, **2019**, 132,	5.3	6
21	A novel ABCC6 haplotype is associated with azathioprine drug response in myasthenia gravis. *Pharmacogenetics and Genomics*, **2017**, 27, 51-56	1.9	5
20	The empowerment of translational research: lessons from laminopathies. *Orphanet Journal of Rare Diseases*, **2012**, 7, 37	4.2	5
19	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. *PLoS ONE*, **2016**, 11, e0161646	3.7	5
18	Autoimmune Encephalitis and CSF Anti-GluR3 Antibodies in an MS Patient after Alemtuzumab Treatment. *Brain Sciences*, **2019**, 9,	3.4	4
17	Congenital myasthenic syndrome: phenotypic variability in patients harbouring p.T159P mutation in gene. *Acta Myologica*, **2017**, 36, 28-32	1.6	4
16	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. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	4

15	Identification of a gene expression signature in peripheral blood of multiple sclerosis patients treated with disease-modifying therapies. *Clinical Immunology*, **2016**, 173, 133-146	9	4
14	Next-generation sequencing application to investigate skeletal muscle channelopathies in a large cohort of Italian patients. *Neuromuscular Disorders*, **2021**, 31, 336-347	2.9	4
13	Transcriptional and epigenetic analyses of the DMD locus reveal novel cis-acting DNA elements that govern muscle dystrophin expression. *Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms*, **2017**, 1860, 1138-1147	6	3
12	Biobank of Cells, Tissues and DNA from Patients with Neuromuscular Diseases: An Indispensable link between Clinical Centers and the Scientific Community. *Open Journal of Bioresources*, **2017**, 4,	0.9	3
11	Clinical and Molecular Spectrum of Myotonia and Periodic Paralyses Associated With Mutations in in a Large Cohort of Italian Patients. *Frontiers in Neurology*, **2020**, 11, 646	4.1	3
10	Cytokine Profile in Striated Muscle Laminopathies: New Promising Biomarkers for Disease Prediction. *Cells*, **2020**, 9,	7.9	2
9	Rasmussen's encephalitis: update on pathogenesis and treatment. *Expert Review of Neurotherapeutics*, **2003**, 3, 835-43	4.3	2
8	Analysis of SjTREC levels in thymus from MG patients and normal children. *Annals of the New York Academy of Sciences*, **2003**, 998, 270-4	6.5	2
7	Exosomes and exosomal miRNAs from muscle-derived fibroblasts promote skeletal muscle fibrosis		2
6	Pharmacogenetic and pharmaco-miR biomarkers for tailoring and monitoring myasthenia gravis treatments. *Expert Review of Precision Medicine and Drug Development*, **2020**, 5, 317-329	1.6	2
5	Autoimmune Frontotemporal Dementia: A New Nosological Entity?. *Alzheimer Disease and Associated Disorders*, **2017**, 31, 259-262	2.5	1
4	T-cell receptor-CDR3 sequences of polymyositis muscle-infiltrating T-lymphocytes indicate a conventional antigen as target. *Annals of the New York Academy of Sciences*, **1995**, 756, 414-7	6.5	1
3	Teaching video neuroimages: clinical course of infantile ascending hereditary spastic paralysis. *Neurology*, **2014**, 82, e61	6.5	
2	Central core disease and susceptibility to malignant hyperthermia in a single family. *Journal of Neurology*, **2009**, 256, 1161-3	5.5	
1	Inflammatory Myopathies **2006**, 119-134		