Sonia Berrih-Aknin

List of Publications by Year
in descending order

129 papers	5,798 citations	66234 42 h-index	85405 71 g-index
132 all docs	132 docs citations	132 times ranked	5143 citing authors

#	Article	IF	Citations
1	Myasthenia Gravis: An Acquired Interferonopathy?. Cells, 2022, 11, 1218.	1.8	9
2	Risk factors associated with myasthenia gravis in thymoma patients: The potential role of thymic germinal centers. Journal of Autoimmunity, 2020, 106, 102337.	3.0	34
3	Decreased expression of miR-29 family associated with autoimmune myasthenia gravis. Journal of Neuroinflammation, 2020, 17, 294.	3.1	14
4	Editorial: Advances in Autoimmune Myasthenia Gravis. Frontiers in Immunology, 2020, 11, 1688.	2.2	3
5	Estrogen, estrogen-like molecules and autoimmune diseases. Autoimmunity Reviews, 2020, 19, 102468.	2.5	39
6	Comparative Analysis of Thymic and Blood Treg in Myasthenia Gravis: Thymic Epithelial Cells Contribute to Thymic Immunoregulatory Defects. Frontiers in Immunology, 2020, 11, 782.	2.2	6
7	Thymectomy in myasthenia gravis: when, why, and how?. Lancet Neurology, The, 2019, 18, 225-226.	4.9	8
8	Causes and Consequences of miR-150-5p Dysregulation in Myasthenia Gravis. Frontiers in Immunology, 2019, 10, 539.	2.2	24
9	The Muscle Is Not a Passive Target in Myasthenia Gravis. Frontiers in Neurology, 2019, 10, 1343.	1.1	10
10	Il-23/Th17 cell pathway: A promising target to alleviate thymic inflammation maintenance in myasthenia gravis. Journal of Autoimmunity, 2019, 98, 59-73.	3.0	35
11	Analysis of microRNA expression in the thymus of Myasthenia Gravis patients opens new research avenues. Autoimmunity Reviews, 2018, 17, 588-600.	2.5	25
12	Pathophysiological mechanisms of autoimmunity. Annals of the New York Academy of Sciences, 2018, 1413, 59-68.	1.8	20
13	An imbalance between regulatory T cells and T helper 17 cells in acetylcholine receptorâ€"positive myasthenia gravis patients. Annals of the New York Academy of Sciences, 2018, 1413, 154-162.	1.8	39
14	AIRE: a missing link to explain female susceptibility to autoimmune diseases. Annals of the New York Academy of Sciences, 2018, 1412, 21-32.	1.8	15
15	Immunopathogenesis of Myasthenia Gravis. , 2018, , 47-60.		1
16	Thymus involvement in earlyâ€onset myasthenia gravis. Annals of the New York Academy of Sciences, 2018, 1412, 137-145.	1.8	71
17	Regulatory B cells in myasthenia gravis are differentially affected by therapies. Annals of Clinical and Translational Neurology, 2018, 5, 1408-1414.	1.7	18
18	The benefits and tolerance of exercise in myasthenia gravis (MGEX): study protocol for a randomised controlled trial. Trials, 2018, 19, 49.	0.7	13

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19	Cultured Human Thymic-Derived Cells Display Medullary Thymic Epithelial Cell Phenotype and Functionality. Frontiers in Immunology, 2018, 9, 1663.	2.2	20
20	Thymic Germinal Centers and Corticosteroids in Myasthenia Gravis: an Immunopathological Study in 1035 Cases and a Critical Review. Clinical Reviews in Allergy and Immunology, 2017, 52, 108-124.	2.9	70
21	Review on Toll-Like Receptor Activation in Myasthenia Gravis: Application to the Development of New Experimental Models. Clinical Reviews in Allergy and Immunology, 2017, 52, 133-147.	2.9	26
22	Methylome and transcriptome profiling in Myasthenia Gravis monozygotic twins. Journal of Autoimmunity, 2017, 82, 62-73.	3.0	23
23	Balance between Estrogens and Proinflammatory Cytokines Regulates Chemokine Production Involved in Thymic Germinal Center Formation. Scientific Reports, 2017, 7, 7970.	1.6	39
24	Muscle satellite cells are functionally impaired in myasthenia gravis: consequences on muscle regeneration. Acta Neuropathologica, 2017, 134, 869-888.	3.9	20
25	Preconditioned mesenchymal stem cells treat myasthenia gravis in a humanized preclinical model. JCI Insight, 2017, 2, e89665.	2.3	21
26	Autoimmune Thyroiditis and Myasthenia Gravis. Frontiers in Endocrinology, 2017, 8, 169.	1.5	27
27	Use of Toll-Like Receptor Agonists to Induce Ectopic Lymphoid Structures in Myasthenia Gravis Mouse Models. Frontiers in Immunology, 2017, 8, 1029.	2.2	16
28	Imbalance between T follicular helper and T follicular regulatory cells in myasthenia gravis. Journal of Xiangya Medicine, 2017, 2, 22-22.	0.2	1
29	Novel CXCL13 transgenic mouse: inflammation drives pathogenic effect of CXCL13 in experimental myasthenia gravis. Oncotarget, 2016, 7, 7550-7562.	0.8	34
30	Role of the thymus in autoimmune myasthenia gravis. Clinical and Experimental Neuroimmunology, 2016, 7, 226-237.	0.5	23
31	Estrogen-mediated downregulation of AIRE influences sexual dimorphism in autoimmune diseases. Journal of Clinical Investigation, 2016, 126, 1525-1537.	3.9	153
32	Guidelines for standard preclinical experiments in the mouse model of myasthenia gravis induced by acetylcholine receptor immunization. Experimental Neurology, 2015, 270, 11-17.	2.0	33
33	IL-6 and Akt are involved in muscular pathogenesis in myasthenia gravis. Acta Neuropathologica Communications, 2015, 3, 1.	2.4	69
34	Integrative analysis of methylome and transcriptome in human blood identifies extensive sex- and immune cell-specific differentially methylated regions. Epigenetics, 2015, 10, 943-957.	1.3	57
35	Circulating mi<scp>RNA</scp>s in myasthenia gravis: miRâ€150â€5p as a new potential biomarker. Annals of Clinical and Translational Neurology, 2014, 1, 49-58.	1.7	62
36	<scp>VAV</scp>1 and <scp>BAFF</scp>, via <scp>NF</scp>ÎºB pathway, are genetic risk factors for myasthenia gravis. Annals of Clinical and Translational Neurology, 2014, 1, 329-339.	1.7	27

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37	Clonal heterogeneity of thymic B cells from early-onset myasthenia gravis patients with antibodies against the acetylcholine receptor. Journal of Autoimmunity, 2014, 52, 101-112.	3.0	41
38	Diagnostic and clinical classification of autoimmune myasthenia gravis. Journal of Autoimmunity, 2014, 48-49, 143-148.	3.0	204
39	T cells from autoimmune patients display reduced sensitivity to immunoregulation by mesenchymal stem cells: Role of IL-2. Autoimmunity Reviews, 2014, 13, 187-196.	2.5	37
40	Thymoma-associated myasthenia gravis: On the search for a pathogen signature. Journal of Autoimmunity, 2014, 52, 29-35.	3.0	37
41	Central role of interferon-beta in thymic events leading to myasthenia gravis. Journal of Autoimmunity, 2014, 52, 44-52.	3.0	63
42	Myasthenia gravis: A comprehensive review of immune dysregulation and etiological mechanisms. Journal of Autoimmunity, 2014, 52, 90-100.	3.0	279
43	Integrative analysis of DNA methylation and gene expression identifies distinct profiles among immune cells subsets. Journal of Neuroimmunology, 2014, 275, 67-68.	1.1	0
44	Human Embryonic Stem Cells Prevent T-Cell Activation by Suppressing Dendritic Cells Function via TGF-Beta Signaling Pathway. Stem Cells, 2014, 32, 3137-3149.	1.4	3
45	Cortactin: A new target in autoimmune myositis and Myasthenia Gravis. Autoimmunity Reviews, 2014, 13, 1001-1002.	2.5	11
46	Myasthenia Gravis: Paradox versus paradigm in autoimmunity. Journal of Autoimmunity, 2014, 52, 1-28.	3.0	102
47	Both Treg cells and Tconv cells are defective in the Myasthenia gravis thymus: Roles of IL-17 and TNF-Î±. Journal of Autoimmunity, 2014, 52, 53-63.	3.0	118
48	Genetic basis of myasthenia gravis â€“ A comprehensive review. Journal of Autoimmunity, 2014, 52, 146-153.	3.0	98
49	SDF-1/CXCL12 recruits B cells and antigen-presenting cells to the thymus of autoimmune myasthenia gravis patients. Immunobiology, 2013, 218, 373-381.	0.8	57
50	Impairment of regulatory T cells in myasthenia gravis: Studies in an experimental model. Autoimmunity Reviews, 2013, 12, 894-903.	2.5	46
51	Etiology of myasthenia gravis: Innate immunity signature in pathological thymus. Autoimmunity Reviews, 2013, 12, 863-874.	2.5	75
52	Cutting edge in Myasthenia Gravis. Autoimmunity Reviews, 2013, 12, 861-862.	2.5	7
53	Ectopic germinal centers, BAFF and anti-B-cell therapy in myasthenia gravis. Autoimmunity Reviews, 2013, 12, 885-893.	2.5	84
54	Implication of doubleâ€stranded RNA signaling in the etiology of autoimmune myasthenia gravis. Annals of Neurology, 2013, 73, 281-293.	2.8	73

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55	Autoimmune myasthenia gravis. Current Opinion in Neurology, 2013, 26, 569-576.	1.8	42
56	Human mesenchymal stem cells shift CD8+ T cells towards a suppressive phenotype by inducing tolerogenic monocytes. Journal of Cell Science, 2012, 125, 4640-50.	1.2	39
57	Defects of immunoregulatory mechanisms in myasthenia gravis: role of ILâ€•17. Annals of the New York Academy of Sciences, 2012, 1274, 40-47.	1.8	27
58	Experimental myasthenia gravis in Aireâ€•deficient mice: a link between Aire and regulatory T cells. Annals of the New York Academy of Sciences, 2012, 1275, 107-113.	1.8	10
59	The susceptibility of Aireâˆ'/âˆ' mice to experimental myasthenia gravis involves alterations in regulatory T cells. Journal of Autoimmunity, 2011, 36, 16-24.	3.0	38
60	Reduced thymic expression of ErbB receptors without auto-antibodies against synaptic ErbB in myasthenia gravis. Journal of Neuroimmunology, 2011, 232, 158-165.	1.1	7
61	Mesenchymal stem cells as an immunomodulatory therapeutic strategy for autoimmune diseases. Autoimmunity Reviews, 2011, 10, 410-415.	2.5	148
62	The thymus in myasthenia gravis: Site of â€œinnate autoimmunityâ€?. Muscle and Nerve, 2011, 44, 467-484.	1.0	56
63	Inflammation and Epstein-Barr Virus Infection Are Common Features of Myasthenia Gravis Thymus: Possible Roles in Pathogenesis. Autoimmune Diseases, 2011, 2011, 1-17.	2.7	25
64	Epsteinâ€•Barr virus persistence and reactivation in myasthenia gravis thymus. Annals of Neurology, 2010, 67, 726-738.	2.8	103
65	Involvement of phosphodiesterases in autoimmune diseases. Journal of Neuroimmunology, 2010, 220, 43-51.	1.1	10
66	Ectopic GC in the thymus of myasthenia gravis patients show characteristics of normal GC. European Journal of Immunology, 2010, 40, 1150-1161.	1.6	43
67	Thymic remodeling associated with hyperplasia in myasthenia gravis. Autoimmunity, 2010, 43, 401-412.	1.2	62
68	Silencing rapsyn in vivo decreases acetylcholine receptors and augments sodium channels and secondary postsynaptic membrane folding. Neurobiology of Disease, 2009, 35, 14-23.	2.1	15
69	CCL21 overexpressed on lymphatic vessels drives thymic hyperplasia in myasthenia. Annals of Neurology, 2009, 66, 521-531.	2.8	64
70	A Pure Population of Ectodermal Cells Derived from Human Embryonic Stem Cells. Stem Cells, 2008, 26, 440-444.	1.4	66
71	<i>Regulatory and Pathogenic Mechanisms in Human Autoimmune Myasthenia Gravis</i>. Annals of the New York Academy of Sciences, 2008, 1132, 135-142.	1.8	49
72	Thymus and Myasthenia Gravis: What can we learn from DNA microarrays?. Journal of Neuroimmunology, 2008, 201-202, 57-63.	1.1	25

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73	Identifying Alternative Hyper-Splicing Signatures in MG-Thymoma by Exon Arrays. PLoS ONE, 2008, 3, e2392.	1.1	18
74	The thymic theme of acetylcholinesterase splice variants in myasthenia gravis. Blood, 2007, 109, 4383-4391.	0.6	35
75	Myasthenia Gravis Thymus. American Journal of Pathology, 2007, 171, 893-905.	1.9	113
76	DNA Microarray in Search of New Drug Targets for Myasthenia Gravis. Annals of the New York Academy of Sciences, 2007, 1107, 111-117.	1.8	6
77	The chemokine CXCL13 is a key molecule in autoimmune myasthenia gravis. Blood, 2006, 108, 432-440.	0.6	143
78	Major pathogenic effects of anti-MuSK antibodies in Myasthenia Gravis. Journal of Neuroimmunology, 2006, 177, 119-131.	1.1	41
79	Microarrays Reveal Distinct Gene Signatures in the Thymus of Seropositive and Seronegative Myasthenia Gravis Patients and the Role of CC Chemokine Ligand 21 in Thymic Hyperplasia. Journal of Immunology, 2006, 177, 7868-7879.	0.4	67
80	Functional defect of regulatory CD4+CD25+ T cells in the thymus of patients with autoimmune myasthenia gravis. Blood, 2005, 105, 735-741.	0.6	369
81	Isolation of potent human Fab fragments against a novel highly immunogenic region on human muscle acetylcholine receptor which protect the receptor from myasthenic autoantibodies. European Journal of Immunology, 2005, 35, 632-643.	1.6	19
82	Fewer thymic changes in MuSK antibody-positive than in MuSK antibody-negative MG. Annals of Neurology, 2005, 57, 444-448.	2.8	216
83	Vaccines against myasthenia gravis. Expert Opinion on Biological Therapy, 2005, 5, 983-995.	1.4	4
84	Differential Estrogen Receptor Expression in Autoimmune Myasthenia Gravis. Endocrinology, 2005, 146, 2345-2353.	1.4	69
85	Overexpression of IFN-Induced Protein 10 and Its Receptor CXCR3 in Myasthenia Gravis. Journal of Immunology, 2005, 174, 5324-5331.	0.4	76
86	Effects of Cytokines on Acetylcholine Receptor Expression: Implications for Myasthenia Gravis. Journal of Immunology, 2005, 174, 5941-5949.	0.4	92
87	Mature Human Thymocytes Migrate on Laminin-5 with Activation of Metalloproteinase-14 and Cleavage of CD44. Journal of Immunology, 2004, 172, 1397-1406.	0.4	35
88	Thymic myoid cells express high levels of muscle genes. Journal of Neuroimmunology, 2004, 148, 97-105.	1.1	45
89	Human Myoid Cells Protect Thymocytes from Apoptosis. Annals of the New York Academy of Sciences, 2003, 998, 266-269.	1.8	5
90	Characterization of a Fully Human IgG1 Reconstructed from an Anti-AChR Fab. Annals of the New York Academy of Sciences, 2003, 998, 399-400.	1.8	3

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91	Potential Role of NKG2D/MHC Class I-Related Chain A Interaction in Intrathymic Maturation of Single-Positive CD8 T Cells. Journal of Immunology, 2003, 171, 1909-1917.	0.4	48
92	Circulating regulatory antiâ€“T cell receptor antibodies in patients with myasthenia gravis. Journal of Clinical Investigation, 2003, 112, 265-274.	3.9	21
93	Circulating regulatory antiâ€“T cell receptor antibodies in patients with myasthenia gravis. Journal of Clinical Investigation, 2003, 112, 265-274.	3.9	8
94	In vivo and in vitro apoptosis of human thymocytes are associated with nitrotyrosine formation. Blood, 2001, 97, 3521-3530.	0.6	78
95	Expression of ciliary neurotrophic factor receptor in myasthenia gravis. Journal of Neuroimmunology, 2001, 120, 180-189.	1.1	3
96	A Specific Interferon (IFN)-stimulated Response Element of the Distal HLA-G Promoter Binds IFN-regulatory Factor 1 and Mediates Enhancement of This Nonclassical Class I Gene by IFN-Î². Journal of Biological Chemistry, 2001, 276, 6133-6139.	1.6	99
97	Human thymus contains IFN-Î±â€“producing CD11câ€“, myeloid CD11c+, and mature interdigitating dendritic cells. Journal of Clinical Investigation, 2001, 107, 835-844.	3.9	172
98	Human thymus contains IFN-Î±-producing CD11câ€“, myeloid CD11c+, and mature interdigitating dendritic cells. Journal of Clinical Investigation, 2001, 108, 1237-1237.	3.9	2
99	Modulation of acetylcholine receptor expression in seronegative myasthenia gravis. Annals of Neurology, 2000, 48, 696-705.	2.8	15
100	Modulation of HLA-G expression in human thymic and amniotic epithelial cells. Human Immunology, 2000, 61, 1095-1101.	1.2	71
101	T Cell deletion and unresponsiveness induced by intrathymic injection of staphylococcal enterotoxin B. Transplant Immunology, 2000, 8, 39-48.	0.6	7
102	Kinetic analysis of microchimerism induced by intrathymic injection of allogeneic splenocytes in mice. Transplant Immunology, 2000, 8, 31-37.	0.6	2
103	Tolerance of a Transgenic Self Antigen Expressed in the Thymus: Implication for Myasthenia gravis. , 2000, , 20-27.		0
104	Evidence for an Upregulation of Acetylcholine Receptor Messenger Subunits Triggered by Antibody-Mediated Receptor Internalization in Human Myasthenia Gravis Muscles. , 2000, , 141-149.		0
105	Functional Fas Expression in Human Thymic Epithelial Cells. Blood, 1999, 93, 2660-2670.	0.6	18
106	Prevention of autoimmune attack by targeting specific T-cell receptors in a severe combined immunodeficiency mouse model of myasthenia gravis. Annals of Neurology, 1999, 46, 559-567.	2.8	36
107	Normal human immunoglobulin suppresses experimental myasthenia gravis in SCID mice. European Journal of Immunology, 1999, 29, 2436-2442.	1.6	44
108	Establishment of a Human Thymic Myoid Cell Line. American Journal of Pathology, 1999, 155, 1229-1240.	1.9	45

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109	Normal human immunoglobulin suppresses experimental myasthenia gravis in SCID mice. , 1999, 29, 2436.		6
110	Functional Fas Expression in Human Thymic Epithelial Cells. Blood, 1999, 93, 2660-2670.	0.6	0
111	Phenotypic and functional studies of CD21 on human thymocytes. Molecular Immunology, 1998, 35, 346.	1.0	2
112	Expression and modulation of ICAM-1, TNF-Î± and RANTES in human alveolar macrophages from lung-transplant recipients in vitro. Transplant Immunology, 1998, 6, 183-192.	0.6	10
113	Fas/APO-1/CD95 in health and autoimmune disease: thymic and peripheral aspects. Seminars in Immunology, 1998, 10, 449-456.	2.7	38
114	Two Signaling Pathways Can Increase Fas Expression in Human Thymocytes. Blood, 1998, 92, 1297-1307.	0.6	1
115	Thymocyte Fas Expression Is Dysregulated in Myasthenia Gravis Patients With Anti-Acetylcholine Receptor Antibody. Blood, 1997, 89, 3287-3295.	0.6	46
116	Phenotypic and Immunohistological Analyses of the Human Adult Thymus: Evidence for an Active Thymus during Adult Life. Cellular Immunology, 1997, 179, 30-40.	1.4	130
117	Altered intrathymic T-cell repertoire in human myasthenia gravis. Annals of Neurology, 1997, 41, 731-741.	2.8	38
118	T-Cell Receptor Expression in the Thymus from Patients with Myasthenia Gravis. Annals of the New York Academy of Sciences, 1995, 756, 438-440.	1.8	4
119	In vivo preferential usage of TCR V/gb8 in Torpedo acetylcholine receptor immune response in the murine experimental model of myasthenia gravis. Journal of Neuroimmunology, 1995, 58, 191-200.	1.1	6
120	Trans-encoded DQÎ±Î² heterodimers confer susceptibility to myasthenia gravis disease. Neuromuscular Disorders, 1994, 4, S3.	0.3	0
121	Particular phenotypic profile of blood lymphocytes during obliterative bronchiolitis syndrome following lung transplantation. Transplant Immunology, 1994, 2, 243-251.	0.6	10
122	EMERGENCE OF INFLAMMATORY ALVEOLAR MACROPHAGES DURING REJECTION OR INFECTION AFTER LUNG TRANSPLANTATION. Transplantation, 1994, 57, 1621-1627.	0.5	13
123	Anti-acetylcholine receptor antibodies in neonatal myasthenia gravis: Heterogeneity and pathogenic significance. Journal of Autoimmunity, 1991, 4, 185-195.	3.0	38
124	Antibodies to thymic epithelial cells in myasthenia gravis. Journal of Neuroimmunology, 1991, 35, 101-110.	1.1	20
125	T-cell antigenic sites involved in Myasthenia Gravis: Correlations with antibody titre and disease severity. Journal of Autoimmunity, 1991, 4, 137-153.	3.0	24
126	Synergistic induction of interleukin-6 production and gene expression in human thymic epithelial cells by LPS and cytokines. Cellular Immunology, 1991, 138, 79-93.	1.4	39

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127	Comparison of T cell sites recognized by thymic and blood lymphocytes in Myasthenia Gravis patients. Journal of Autoimmunity, 1989, 2, 902-903.	3.0	0
128	Evidence of enhanced recombinant interleukin-2 sensitivity in thymic lymphocytes from patients with myasthenia gravis: possible role in autoimmune pathogenesis. Journal of Neuroimmunology, 1989, 24, 75-85.	1.1	31
129	High recombinant interleukin-2 sensitivity of peripheral blood lymphocytes from patients with Myasthenia Gravis: Correlations with clinical parameters. Journal of Autoimmunity, 1989, 2, 241-258.	3.0	23