

Margaret M Harnett

List of Publications by Year in descending order

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61
papers

3,041
citations

147801

31
h-index

161849

54
g-index

65
all docs

65
docs citations

65
times ranked

2493
citing authors

#	ARTICLE	IF	CITATIONS
1	A Filarial Nematode-Secreted Product Signals Dendritic Cells to Acquire a Phenotype That Drives Development of Th2 Cells. <i>Journal of Immunology</i> , 2000, 164, 6453-6460.	0.8	325
2	Immunomodulation via Novel Use of TLR4 by the Filarial Nematode Phosphorylcholine-Containing Secreted Product, ES-62. <i>Journal of Immunology</i> , 2005, 174, 284-293.	0.8	223
3	A Novel Therapeutic Approach Targeting Articular Inflammation Using the Filarial Nematode-Derived Phosphorylcholine-Containing Glycoprotein ES-62. <i>Journal of Immunology</i> , 2003, 171, 2127-2133.	0.8	196
4	Inhibition of Fc γ RI-mediated mast cell responses by ES-62, a product of parasitic filarial nematodes. <i>Nature Medicine</i> , 2007, 13, 1375-1381.	30.7	193
5	Helminth-derived immunomodulators: can understanding the worm produce the pill?. <i>Nature Reviews Immunology</i> , 2010, 10, 278-284.	22.7	166
6	Differential regulation of interleukin-12 p40 and p35 induction via Erk mitogen-activated protein kinase-dependent and -independent mechanisms and the implications for bioactive IL-12 and IL-23 responses. <i>Immunology</i> , 2003, 109, 415-425.	4.4	111
7	Laser scanning cytometry: understanding the immune system in situ. <i>Nature Reviews Immunology</i> , 2007, 7, 897-904.	22.7	95
8	The parasitic helminth product ES-62 suppresses pathogenesis in collagen-induced arthritis by targeting the interleukin-17-producing cellular network at multiple sites. <i>Arthritis and Rheumatism</i> , 2012, 64, 3168-3178.	6.7	88
9	Immunomodulatory properties of a phosphorylcholine-containing secreted filarial glycoprotein. <i>Parasite Immunology</i> , 1999, 21, 601-608.	1.5	79
10	Designing Anti-inflammatory Drugs from Parasitic Worms: A Synthetic Small Molecule Analogue of the <i>Acanthocheilonema viteae</i> Product ES-62 Prevents Development of Collagen-Induced Arthritis. <i>Journal of Medicinal Chemistry</i> , 2013, 56, 9982-10002.	6.4	79
11	ES-62, a therapeutic anti-inflammatory agent evolved by the filarial nematode <i>Acanthocheilonema viteae</i> . <i>Molecular and Biochemical Parasitology</i> , 2014, 194, 1-8.	1.1	75
12	Prophylactic and therapeutic treatment with a synthetic analogue of a parasitic worm product prevents experimental arthritis and inhibits IL-1 β production via NRF2-mediated counter-regulation of the inflammasome. <i>Journal of Autoimmunity</i> , 2015, 60, 59-73.	6.5	72
13	Induction of signalling energy via the T-cell receptor in cultured Jurkat T cells by pre-exposure to a filarial nematode secreted product. <i>Parasite Immunology</i> , 1998, 20, 551-563.	1.5	67
14	In vivo exposure of murine dendritic cell and macrophage bone marrow progenitors to the phosphorylcholine-containing filarial nematode glycoprotein ES-62 polarizes their differentiation to an anti-inflammatory phenotype. <i>Immunology</i> , 2004, 113, 491-498.	4.4	63
15	The parasitic worm product ES-62 normalises the gut microbiota bone marrow axis in inflammatory arthritis. <i>Nature Communications</i> , 2019, 10, 1554.	12.8	62
16	The helminth product, ES-62, protects against airway inflammation by resetting the Th cell phenotype. <i>International Journal for Parasitology</i> , 2013, 43, 211-223.	3.1	57
17	Presence of Phosphorylcholine on a Filarial Nematode Protein Influences Immunoglobulin G Subclass Response to the Molecule by an Interleukin-10-Dependent Mechanism. <i>Infection and Immunity</i> , 2000, 68, 5466-5468.	2.2	56
18	B Cell Receptor-Stimulated Mitochondrial Phospholipase A2 Activation and Resultant Disruption of Mitochondrial Membrane Potential Correlate with the Induction of Apoptosis in WEHI-231 B Cells. <i>Journal of Immunology</i> , 2001, 166, 137-147.	0.8	55

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19	ES-62, an Immunomodulator Secreted by Filarial Nematodes, Suppresses Clonal Expansion and Modifies Effector Function of Heterologous Antigen-Specific T Cells In Vivo. <i>Journal of Immunology</i> , 2005, 175, 5817-5826.	0.8	55
20	Hyporesponsiveness of murine B lymphocytes exposed to the filarial nematode secreted product ES-62 in vivo. <i>Immunology</i> , 2003, 109, 238-245.	4.4	52
21	Mitogen-Activated Protein Kinases as Therapeutic Targets for Rheumatoid Arthritis. <i>Drugs</i> , 2013, 73, 101-115.	10.9	52
22	ES-62 Protects Against Collagen-Induced Arthritis by Resetting Interleukin-22 Toward Resolution of Inflammation in the Joints. <i>Arthritis and Rheumatology</i> , 2014, 66, 1492-1503.	5.6	50
23	From Christian de Duve to Yoshinori Ohsumi: More to autophagy than just dining at home. <i>Biomedical Journal</i> , 2017, 40, 9-22.	3.1	49
24	The Parasitic Worm Product ES-62 Targets Myeloid Differentiation Factor 88-Dependent Effector Mechanisms to Suppress Antinuclear Antibody Production and Proteinuria in MRL- <i>lpr</i> Mice. <i>Arthritis and Rheumatology</i> , 2015, 67, 1023-1035.	5.6	48
25	The immunomodulatory parasitic worm product ES-62 reduces lupus-associated accelerated atherosclerosis in a mouse model. <i>International Journal for Parasitology</i> , 2015, 45, 203-207.	3.1	45
26	Protection against collagen-induced arthritis in mice afforded by the parasitic worm product, ES-62, is associated with restoration of the levels of interleukin-10-producing B cells and reduced plasma cell infiltration of the joints. <i>Immunology</i> , 2014, 141, 457-466.	4.4	44
27	Can Parasitic Worms Cure the Modern World's Ills?. <i>Trends in Parasitology</i> , 2017, 33, 694-705.	3.3	44
28	Differential Roles for Extracellularly Regulated Kinase-Mitogen-Activated Protein Kinase in B Cell Antigen Receptor-Induced Apoptosis and CD40-Mediated Rescue of WEHI-231 Immature B Cells. <i>Journal of Immunology</i> , 2002, 168, 3855-3864.	0.8	40
29	Differential signalling during B-cell maturation. <i>Immunology Letters</i> , 2005, 98, 33-44.	2.5	36
30	Small molecule analogues of the immunomodulatory parasitic helminth product ES-62 have anti-allergy properties. <i>International Journal for Parasitology</i> , 2014, 44, 669-674.	3.1	36
31	CD40: A Growing Cytoplasmic Tale. <i>Science Signaling</i> , 2004, 2004, pe25-pe25.	3.6	32
32	Apicomplexan autophagy and modulation of autophagy in parasite-infected host cells. <i>Biomedical Journal</i> , 2017, 40, 23-30.	3.1	31
33	Protection Against Arthritis by the Parasitic Worm Product ES-62, and Its Drug-Like Small Molecule Analogues, Is Associated With Inhibition of Osteoclastogenesis. <i>Frontiers in Immunology</i> , 2018, 9, 1016.	4.8	31
34	IL-33/ST2 signalling and crosstalk with FcµRI and TLR4 is targeted by the parasitic worm product, ES-62. <i>Scientific Reports</i> , 2018, 8, 4497.	3.3	25
35	The helminth product, ES-62 modulates dendritic cell responses by inducing the selective autophagolysosomal degradation of TLR-transducers, as exemplified by PKC δ . <i>Scientific Reports</i> , 2016, 6, 37276.	3.3	22
36	The parasitic worm product ES-62 promotes health- and life-span in a high calorie diet-accelerated mouse model of ageing. <i>PLoS Pathogens</i> , 2020, 16, e1008391.	4.7	22

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37	Dendritic cells provide a therapeutic target for synthetic small molecule analogues of the parasitic worm product, ES-62. <i>Scientific Reports</i> , 2017, 7, 1704.	3.3	21
38	Small Molecule Analogues of the parasitic worm product ES-62 interact with the TIR domain of MyD88 to inhibit pro-inflammatory signalling. <i>Scientific Reports</i> , 2018, 8, 2123.	3.3	21
39	Bcl-xL antagonism of BCR-coupled mitochondrial phospholipase A2 signaling correlates with protection from apoptosis in WEHI-231 B cells. <i>Blood</i> , 2004, 103, 168-176.	1.4	19
40	Fc γ RIIb-mediated negative regulation of BCR signalling is associated with the recruitment of the MAPkinase-phosphatase, Pac-1, and the 3 β -inositol phosphatase, PTEN. <i>Cellular Signalling</i> , 2004, 16, 71-80.	3.6	18
41	Mast Cell Subsets and Their Functional Modulation by the <i>Acanthocheilonema viteae</i> Product ES-62. <i>Journal of Parasitology Research</i> , 2013, 2013, 1-13.	1.2	18
42	Endocytosis and vesicular trafficking of immune complexes and activation of phospholipase D by the human high-affinity IgG receptor requires distinct phosphoinositide 3-kinase activities. <i>Biochemical Journal</i> , 1999, 344, 605-611.	3.7	17
43	Inverse Rap1 and Phospho-ERK Expression Discriminate the Maintenance Phase of Tolerance and Priming of Antigen-Specific CD4+ T Cells In Vitro and In Vivo. <i>Journal of Immunology</i> , 2007, 179, 8026-8034.	0.8	15
44	Receptor usage by the <i>Acanthocheilonema viteae</i> -derived immunomodulator, ES-62. <i>Experimental Parasitology</i> , 2012, 132, 97-102.	1.2	14
45	The role of individual protein kinase C isoforms in mouse mast cell function and their targeting by the immunomodulatory parasitic worm product, ES-62. <i>Immunology Letters</i> , 2015, 168, 31-40.	2.5	13
46	Failure of the Anti-Inflammatory Parasitic Worm Product ES-62 to Provide Protection in Mouse Models of Type I Diabetes, Multiple Sclerosis, and Inflammatory Bowel Disease. <i>Molecules</i> , 2018, 23, 2669.	3.8	13
47	Differential recruitment of accessory molecules by Fc γ RI during monocyte differentiation. <i>European Journal of Immunology</i> , 2001, 31, 2718-2725.	2.9	12
48	Effect of activated antigen-specific B cells on ES-62-mediated modulation of effector function of heterologous antigen-specific T cells in vivo. <i>Immunology</i> , 2008, 123, 411-425.	4.4	11
49	Synthetic analogues of the parasitic worm product ES-62 reduce disease development in in vivo models of lung fibrosis. <i>Acta Tropica</i> , 2018, 185, 212-218.	2.0	11
50	Synthetic small molecule analogues of the immunomodulatory <i>Acanthocheilonema viteae</i> product ES-62 promote metabolic homeostasis during obesity in a mouse model. <i>Molecular and Biochemical Parasitology</i> , 2019, 234, 111232.	1.1	11
51	Suppression of inflammatory arthritis by the parasitic worm product ES-62 is associated with epigenetic changes in synovial fibroblasts. <i>PLoS Pathogens</i> , 2021, 17, e1010069.	4.7	10
52	Protective effect of small molecule analogues of the <i>Acanthocheilonema viteae</i> secreted product ES-62 on oxazolone-induced ear inflammation. <i>Experimental Parasitology</i> , 2015, 158, 18-22.	1.2	9
53	Immune complex-mediated co-ligation of the BCR with Fc γ RIIB results in homeostatic apoptosis of B cells involving Fas signalling that is defective in the MRL/Lpr model of systemic lupus erythematosus. <i>Journal of Autoimmunity</i> , 2012, 39, 332-346.	6.5	7
54	Mini Review: Structure and Function of Nematode Phosphorylcholine-Containing Glycoconjugates. <i>Frontiers in Tropical Diseases</i> , 2021, 2, .	1.4	6

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55	IMMUNOLOGY: B Cells Spread and Gather. <i>Science</i> , 2006, 312, 709-710.	12.6	5
56	Cytohesin-2/ARNO: A Novel Bridge Between Cell Migration and Immunoregulation in Synovial Fibroblasts. <i>Frontiers in Immunology</i> , 2021, 12, 809896.	4.8	4
57	Characterization of heterotrimeric G-proteins in adult <i>Acanthocheilonema viteae</i> . <i>Biochemical Journal</i> , 1996, 320, 459-466.	3.7	3
58	The parasitic worm product ES-62 up-regulates IL-22 production by $\gamma\delta$ T cells in the murine model of Collagen-Induced Arthritis. <i>Inflammation and Cell Signaling</i> , 2014, 1, .	1.6	3
59	Development of <i>Acanthocheilonema viteae</i> in <i>Meriones shawi</i> : Absence of microfilariae and production of active ES-62. <i>Parasite Immunology</i> , 2021, 43, e12803.	1.5	2
60	Fc γ RI DIFFERENTIALLY ACTIVATES SEVERAL PKC ISOFORMS AND DIFFERENT PHOSPHOLIPASES DEPENDING ON MONOCYTE DIFFERENTIATION. <i>Biochemical Society Transactions</i> , 1999, 27, A101-A101.	3.4	0
61	Lead optimisation efforts on a molecular prototype of the immunomodulatory parasitic protein ES-62. <i>ChemistrySelect</i> , 2022, .	1.5	0