Mark P Boldin

List of Publications by Year
in descending order

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51 papers	18,171 citations	136950 32 h-index	223800 46 g-index
52 all docs	52 docs citations	52 times ranked	19525 citing authors

#	Article	IF	Citations
1	NF-ÎºB-dependent induction of microRNA miR-146, an inhibitor targeted to signaling proteins of innate immune responses. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 12481-12486.	7.1	4,022
2	Involvement of MACH, a Novel MORT1/FADD-Interacting Protease, in Fas/APO-1- and TNF Receptorâ€“Induced Cell Death. Cell, 1996, 85, 803-815.	28.9	2,221
3	MicroRNA-155 is induced during the macrophage inflammatory response. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 1604-1609.	7.1	1,679
4	MAP3K-related kinase involved in NF-KB induction by TNF, CD95 and IL-1. Nature, 1997, 385, 540-544.	27.8	1,288
5	Cancer-Secreted miR-105 Destroys Vascular Endothelial Barriers to Promote Metastasis. Cancer Cell, 2014, 25, 501-515.	16.8	1,198
6	MicroRNAs: new regulators of immune cell development and function. Nature Immunology, 2008, 9, 839-845.	14.5	1,043
7	Function of miR-146a in Controlling Treg Cell-Mediated Regulation of Th1 Responses. Cell, 2010, 142, 914-929.	28.9	974
8	A Novel Protein That Interacts with the Death Domain of Fas/APO1 Contains a Sequence Motif Related to the Death Domain. Journal of Biological Chemistry, 1995, 270, 7795-7798.	3.4	916
9	miR-146a is a significant brake on autoimmunity, myeloproliferation, and cancer in mice. Journal of Experimental Medicine, 2011, 208, 1189-1201.	8.5	780
10	Sustained expression of microRNA-155 in hematopoietic stem cells causes a myeloproliferative disorder. Journal of Experimental Medicine, 2008, 205, 585-594.	8.5	644
11	Self-association of the â€œDeath Domainsâ€•of the p55 Tumor Necrosis Factor (TNF) Receptor and Fas/APO1 Prompts Signaling for TNF and Fas/APO1 Effects. Journal of Biological Chemistry, 1995, 270, 387-391.	3.4	355
12	NF-ÎºB dysregulation in microRNA-146aâ€“deficient mice drives the development of myeloid malignancies. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 9184-9189.	7.1	342
13	MicroRNAs and Immunity: Tiny Players in a Big Field. Immunity, 2007, 26, 133-137.	14.3	327
14	miR-146a controls the resolution of T cell responses in mice. Journal of Experimental Medicine, 2012, 209, 1655-1670.	8.5	251
15	Cell death induction by receptors of the TNF family: towards a molecular understanding. FEBS Letters, 1997, 410, 96-106.	2.8	217
16	MicroRNAs, new effectors and regulators of NFâ€ÎºB. Immunological Reviews, 2012, 246, 205-220.	6.0	214
17	Encoding NF-ÎºB temporal control in response to TNF: distinct roles for the negative regulators IÎºBÎ± and A20. Genes and Development, 2008, 22, 2093-2101.	5.9	189
18	MicroRNA-146a alleviates chronic skin inflammation in atopic dermatitis through suppression of innate immune responses in keratinocytes. Journal of Allergy and Clinical Immunology, 2014, 134, 836-847.e11.	2.9	152

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19	STAT3 Induction of miR-146b Forms a Feedback Loop to Inhibit the NF-ÎºB to IL-6 Signaling Axis and STAT3-Driven Cancer Phenotypes. Science Signaling, 2014, 7, ra11.	3.6	146
20	Anti-Inflammatory Role of MicroRNA-146a in the Pathogenesis of Diabetic Nephropathy. Journal of the American Society of Nephrology: JASN, 2016, 27, 2277-2288.	6.1	144
21	Atherosclerosis-Driven Treg Plasticity Results in Formation of a Dysfunctional Subset of Plastic IFNÎ³ ‹sup›+‹/sup› Th1/Tregs. Circulation Research, 2016, 119, 1190-1203.	4.5	139
22	miR-146a modulates autoreactive Th17 cell differentiation and regulates organ-specific autoimmunity. Journal of Clinical Investigation, 2017, 127, 3702-3716.	8.2	112
23	Altered lymphopoiesis and immunodeficiency in miR-142 null mice. Blood, 2015, 125, 3720-3730.	1.4	97
24	Myeloid cellâ€“targeted miR-146a mimic inhibits NF-ÎºBâ€“driven inflammation and leukemia progression in vivo. Blood, 2020, 135, 167-180.	1.4	88
25	Death-inducing functions of ligands of the tumor necrosis factor family: a Sanhedrin verdict. Current Opinion in Immunology, 1998, 10, 279-288.	5.5	72
26	miR-146b Probably Assists miRNA-146a inÂthe Suppression of Keratinocyte Proliferation and Inflammatory ResponsesÂin Psoriasis. Journal of Investigative Dermatology, 2017, 137, 1945-1954.	0.7	68
27	‹i›miR-146a‹/i› â€“ ‹i›Traf6‹/i› regulatory axis controls autoimmunity and myelopoiesis, but is dispensable for hematopoietic stem cell homeostasis and tumor suppression. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E7140-E7149.	7.1	58
28	A protein related to a proteasomal subunit binds to the intracellular domain of the p55 TNF receptor upstream to its â€˜death domainâ€™. FEBS Letters, 1995, 367, 39-44.	2.8	53
29	Identification of targets of tumor suppressor microRNA-34a using a reporter library system. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 3927-3932.	7.1	44
30	MicroRNA-146a governs fibroblast activation and joint pathology in arthritis. Journal of Autoimmunity, 2017, 82, 74-84.	6.5	43
31	How are the regulators regulated? The search for mechanisms that impose specificity on induction of cell death and NF-kappaB activation by members of the TNF/NGF receptor family. Arthritis Research, 2002, 4, S189.	2.0	41
32	MicroRNA-142 Is Critical for the Homeostasis and Function of Type 1 Innate Lymphoid Cells. Immunity, 2019, 51, 479-490.e6.	14.3	39
33	Altered microRNA expression links IL6 and TNF-induced inflammaging with myeloid malignancy in humans and mice. Blood, 2020, 135, 2235-2251.	1.4	35
34	miR-143/145 differentially regulate hematopoietic stem and progenitor activity through suppression of canonical TGFÎ² signaling. Nature Communications, 2018, 9, 2418.	12.8	34
35	The yeast two-hybrid screening technique and its use in the study of protein-protein interactions in apoptosis. Current Opinion in Immunology, 1998, 10, 131-136.	5.5	27
36	Regulation of APC development, immune response, and autoimmunity by Bach1/HO-1 pathway in mice. Blood, 2012, 120, 2428-2437.	1.4	27

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37	MicroRNA-146a controls functional plasticity in Î³Î´ T cells by targeting NOD1. Science Immunology, 2018, 3, .	11.9	24
38	Dual role of the miRâ€146 family in rhinovirusâ€induced airway inflammation and allergic asthma exacerbation. Clinical and Translational Medicine, 2021, 11, e427.	4.0	22
39	microRNAâ€146a controls ageâ€related bone loss. Aging Cell, 2020, 19, e13244.	6.7	20
40	microRNA-142 guards against autoimmunity byÂcontrollingÂTregÂcell homeostasis and function. PLoS Biology, 2022, 20, e3001552.	5.6	8
41	Enhanced Cognition and Neurogenesis in miR-146b Deficient Mice. Cells, 2022, 11, 2002.	4.1	6
42	Molecular Moirai: Long Noncoding RNA Mediators of HSC Fate. Current Stem Cell Reports, 2018, 4, 158-165.	1.6	4
43	miR-146acontrols the resolution of T cell responses in mice. Journal of Cell Biology, 2012, 198, i3-i3.	5.2	3
44	Screening for proteins that bind to the intracellular domains of the two tumor necrosis factor receptors (TNF-R) revealed effective self-association of the p55 TNF-R â€œdeath domainâ€, which can trigger signaling. Cytokine, 1994, 6, 556.	3.2	2
45	Sustained expression of microRNA-155 in hematopoietic stem cells causes a myeloproliferative disorder. Journal of Cell Biology, 2008, 180, i15-i15.	5.2	1
46	Single Cell-Resolution Analysis of HSC Dysfunction in Mir-146a knockout Mice. Blood, 2017, 130, 714-714.	1.4	1
47	miR-146ais a significant brake on autoimmunity, myeloproliferation, and cancer in mice. Journal of Cell Biology, 2011, 193, i10-i10.	5.2	0
48	MicroRNA-146a Deficiency Leads to Increased Myeloid Cell Proliferation and Activation. Blood, 2011, 118, 2815-2815.	1.4	0
49	Abstract 447: Atherosclerosis-driven Treg Plasticity Results in the Formation of a Dysfunctional Subset of Plastic IFNg ⁺ Th1/Tregs. Arteriosclerosis, Thrombosis, and Vascular Biology, 2016, 36, .	2.4	0
50	Targeted Delivery of CpG-Mir-146a Mimic Oligonucleotides As a Therapeutic Strategy to Reduce NF-Išb-Mediated Pathogenic Inflammation and Myeloid Leukemia Progression. Blood, 2018, 132, 3501-3501.	1.4	0
51	Microrna-142 Deficiency Promotes Chronic Myeloid Leukemia (CML) Transformation from Chronic Phase (CP) to Blast Crisis (BC). Blood, 2020, 136, 4-4.	1.4	0