

Steven J Bensing

List of Publications by Year in descending order

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43
papers

5,588
citations

257357

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265120

42
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all docs

44
docs citations

44
times ranked

8926
citing authors

#	ARTICLE	IF	CITATIONS
1	Integration of metabolism and inflammation by lipid-activated nuclear receptors. <i>Nature</i> , 2008, 454, 470-477.	13.7	712
2	LXR Signaling Couples Sterol Metabolism to Proliferation in the Acquired Immune Response. <i>Cell</i> , 2008, 134, 97-111.	13.5	579
3	Apoptotic Cells Promote Their Own Clearance and Immune Tolerance through Activation of the Nuclear Receptor LXR. <i>Immunity</i> , 2009, 31, 245-258.	6.6	564
4	CD4+ T-cell help controls CD8+ T-cell memory via TRAIL-mediated activation-induced cell death. <i>Nature</i> , 2005, 434, 88-93.	13.7	547
5	Sterol regulatory element-binding proteins are essential for the metabolic programming of effector T cells and adaptive immunity. <i>Nature Immunology</i> , 2013, 14, 489-499.	7.0	394
6	Major Histocompatibility Complex Class II-Positive Cortical Epithelium Mediates the Selection of Cd4+25+ Immunoregulatory T Cells. <i>Journal of Experimental Medicine</i> , 2001, 194, 427-438.	4.2	362
7	Limiting Cholesterol Biosynthetic Flux Spontaneously Engages Type I IFN Signaling. <i>Cell</i> , 2015, 163, 1716-1729.	13.5	322
8	Etomoxir Inhibits Macrophage Polarization by Disrupting CoA Homeostasis. <i>Cell Metabolism</i> , 2018, 28, 490-503.e7.	7.2	242
9	Distinct IL-2 Receptor Signaling Pattern in CD4+CD25+ Regulatory T Cells. <i>Journal of Immunology</i> , 2004, 172, 5287-5296.	0.4	241
10	Distinct Effects of STAT5 Activation on CD4+ and CD8+ T Cell Homeostasis: Development of CD4+CD25+ Regulatory T Cells versus CD8+ Memory T Cells. <i>Journal of Immunology</i> , 2003, 171, 5853-5864.	0.4	186
11	Liver X receptor and peroxisome proliferator-activated receptor as integrators of lipid homeostasis and immunity. <i>Immunological Reviews</i> , 2012, 249, 72-83.	2.8	169
12	An Essential Requirement for the SCAP/SREBP Signaling Axis to Protect Cancer Cells from Lipotoxicity. <i>Cancer Research</i> , 2013, 73, 2850-2862.	0.4	148
13	PTEN inhibits IL-2 receptor-mediated expansion of CD4+CD25+ Tregs. <i>Journal of Clinical Investigation</i> , 2006, 116, 2521-31.	3.9	130
14	Coordinate regulation of neutrophil homeostasis by liver X receptors in mice. <i>Journal of Clinical Investigation</i> , 2012, 122, 337-347.	3.9	120
15	Cholesterol Accumulation in CD11c+ Immune Cells Is a Causal and Targetable Factor in Autoimmune Disease. <i>Immunity</i> , 2016, 45, 1311-1326.	6.6	99
16	Cytoplasmic p53 couples oncogene-driven glucose metabolism to apoptosis and is a therapeutic target in glioblastoma. <i>Nature Medicine</i> , 2017, 23, 1342-1351.	15.2	79
17	Toll-Like Receptors Induce Signal-Specific Reprogramming of the Macrophage Lipidome. <i>Cell Metabolism</i> , 2020, 32, 128-143.e5.	7.2	78
18	Interferon-mediated reprogramming of membrane cholesterol to evade bacterial toxins. <i>Nature Immunology</i> , 2020, 21, 746-755.	7.0	60

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19	A Nurr1 Pathway for Neuroprotection. <i>Cell</i> , 2009, 137, 26-28.	13.5	51
20	Fatostatin Inhibits Cancer Cell Proliferation by Affecting Mitotic Microtubule Spindle Assembly and Cell Division. <i>Journal of Biological Chemistry</i> , 2016, 291, 17001-17008.	1.6	46
21	A DMS Shotgun Lipidomics Workflow Application to Facilitate High-Throughput, Comprehensive Lipidomics. <i>Journal of the American Society for Mass Spectrometry</i> , 2021, 32, 2655-2663.	1.2	46
22	Context-dependent regulation of ferroptosis sensitivity. <i>Cell Chemical Biology</i> , 2022, 29, 1409-1418.e6.	2.5	42
23	Macrophages release plasma membrane-derived particles rich in accessible cholesterol. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E8499-E8508.	3.3	41
24	Reprogramming cholesterol metabolism in macrophages and its role in host defense against cholesterol-dependent cytolysins. <i>Cellular and Molecular Immunology</i> , 2022, 19, 327-336.	4.8	34
25	Modulating Cholesterol Homeostasis to Build a Better T Cell. <i>Cell Metabolism</i> , 2016, 23, 963-964.	7.2	26
26	Cytokine Secreting Microparticles Engineer the Fate and the Effector Functions of Tâ€œCells. <i>Advanced Materials</i> , 2018, 30, 1703178.	11.1	25
27	Transcription Factor <i>Zfx2</i> Deficiency Reduces Atherosclerosis and Promotes Macrophage Apoptosis in Mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2018, 38, 2016-2027.	1.1	23
28	Profiling of mouse macrophage lipidome using direct infusion shotgun mass spectrometry. <i>STAR Protocols</i> , 2021, 2, 100235.	0.5	23
29	Mechanobiological Mimicry of Helper T Lymphocytes to Evaluate Cellâ€œBiomaterials Crosstalk. <i>Advanced Materials</i> , 2018, 30, e1706780.	11.1	22
30	Transintestinal transport of the anti-inflammatory drug 4F and the modulation of transintestinal cholesterol efflux. <i>Journal of Lipid Research</i> , 2016, 57, 1175-1193.	2.0	20
31	Developmental Alterations in Thymocyte Sensitivity Are Actively Regulated by MHC Class II Expression in the Thymic Medulla. <i>Journal of Immunology</i> , 2006, 176, 2229-2237.	0.4	19
32	Lipids rule: resetting lipid metabolism restores T cell function in systemic lupus erythematosus. <i>Journal of Clinical Investigation</i> , 2014, 124, 482-485.	3.9	19
33	Interleukin-2 rescues helpless effector CD8+ T cells by diminishing the susceptibility to TRAIL mediated death. <i>Immunology Letters</i> , 2011, 139, 25-32.	1.1	16
34	Subverting sterols: rerouting an oxysterol-signaling pathway to promote tumor growth. <i>Journal of Experimental Medicine</i> , 2013, 210, 1653-1656.	4.2	16
35	Cardiomyocytes disrupt pyrimidine biosynthesis in nonmyocytes to regulate heart repair. <i>Journal of Clinical Investigation</i> , 2022, 132, .	3.9	16
36	Reviewing the impact of lipid synthetic flux on Th17 function. <i>Current Opinion in Immunology</i> , 2017, 46, 121-126.	2.4	15

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37	Development and Application of FASA, a Model for Quantifying Fatty Acid Metabolism Using Stable Isotope Labeling. <i>Cell Reports</i> , 2018, 25, 2919-2934.e8.	2.9	13
38	Modulation of PICALM Levels Perturbs Cellular Cholesterol Homeostasis. <i>PLoS ONE</i> , 2015, 10, e0129776.	1.1	12
39	An optimized method for measuring fatty acids and cholesterol in stable isotope-labeled cells. <i>Journal of Lipid Research</i> , 2017, 58, 460-468.	2.0	9
40	Reelin Deficiency Delays Mammary Tumor Growth and Metastatic Progression. <i>Journal of Mammary Gland Biology and Neoplasia</i> , 2017, 22, 59-69.	1.0	7
41	(Sterol)ized Immunity: Could PI3K/AKT3 Be the Answer?. <i>Immunity</i> , 2020, 52, 4-6.	6.6	6
42	Serum lipids are associated with nonalcoholic fatty liver disease: a pilot case-control study in Mexico. <i>Lipids in Health and Disease</i> , 2021, 20, 136.	1.2	6
43	Para-aminobenzoic acid is an alternative aromatic ring precursor of coenzyme Q biosynthesis in mammalian cells. <i>FASEB Journal</i> , 2012, 26, 790.6.	0.2	0