Steven J Bensinger

List of Publications by Year
in descending order

43 papers	5,588 citations	257357 24 h-index	265120 42 g-index
44 all docs	44 docs citations	44 times ranked	8926 citing authors

#	Article	IF	Citations
1	Cardiomyocytes disrupt pyrimidine biosynthesis in nonmyocytes to regulate heart repair. Journal of Clinical Investigation, 2022, 132, .	3.9	16
2	Reprogramming cholesterol metabolism in macrophages and its role in host defense against cholesterol-dependent cytolysins. Cellular and Molecular Immunology, 2022, 19, 327-336.	4.8	34
3	Context-dependent regulation of ferroptosis sensitivity. Cell Chemical Biology, 2022, 29, 1409-1418.e6.	2.5	42
4	Profiling of mouse macrophage lipidome using direct infusion shotgun mass spectrometry. STAR Protocols, 2021, 2, 100235.	0.5	23
5	Serum lipids are associated with nonalcoholic fatty liver disease: a pilot case-control study in Mexico. Lipids in Health and Disease, 2021, 20, 136.	1.2	6
6	A DMS Shotgun Lipidomics Workflow Application to Facilitate High-Throughput, Comprehensive Lipidomics. Journal of the American Society for Mass Spectrometry, 2021, 32, 2655-2663.	1.2	46
7	Toll-Like Receptors Induce Signal-Specific Reprogramming of the Macrophage Lipidome. Cell Metabolism, 2020, 32, 128-143.e5.	7.2	78
8	Interferon-mediated reprogramming of membrane cholesterol to evade bacterial toxins. Nature Immunology, 2020, 21, 746-755.	7.0	60
9	(Sterol)ized Immunity: Could PI3K/AKT3 Be the Answer?. Immunity, 2020, 52, 4-6.	6.6	6
10	Mechanobiological Mimicry of Helper T Lymphocytes to Evaluate Cellâ€“Biomaterials Crosstalk. Advanced Materials, 2018, 30, e1706780.	11.1	22
11	Cytokine Secreting Microparticles Engineer the Fate and the Effector Functions of Tâ€Cells. Advanced Materials, 2018, 30, 1703178.	11.1	25
12	Development and Application of FASA, a Model for Quantifying Fatty Acid Metabolism Using Stable Isotope Labeling. Cell Reports, 2018, 25, 2919-2934.e8.	2.9	13
13	Etomoxir Inhibits Macrophage Polarization by Disrupting CoA Homeostasis. Cell Metabolism, 2018, 28, 490-503.e7.	7.2	242
14	Transcription Factor Zhx2 Deficiency Reduces Atherosclerosis and Promotes Macrophage Apoptosis in Mice. Arteriosclerosis, Thrombosis, and Vascular Biology, 2018, 38, 2016-2027.	1.1	23
15	Macrophages release plasma membrane-derived particles rich in accessible cholesterol. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E8499-E8508.	3.3	41
16	An optimized method for measuring fatty acids and cholesterol in stable isotope-labeled cells. Journal of Lipid Research, 2017, 58, 460-468.	2.0	9
17	Reelin Deficiency Delays Mammary Tumor Growth and Metastatic Progression. Journal of Mammary Gland Biology and Neoplasia, 2017, 22, 59-69.	1.0	7
18	Cytoplasmic p53 couples oncogene-driven glucose metabolism to apoptosis and is a therapeutic target in glioblastoma. Nature Medicine, 2017, 23, 1342-1351.	15.2	79

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19	Reviewing the impact of lipid synthetic flux on Th17 function. Current Opinion in Immunology, 2017, 46, 121-126.	2.4	15
20	Fatostatin Inhibits Cancer Cell Proliferation by Affecting Mitotic Microtubule Spindle Assembly and Cell Division. Journal of Biological Chemistry, 2016, 291, 17001-17008.	1.6	46
21	Cholesterol Accumulation in CD11c+ Immune Cells Is a Causal and Targetable Factor in Autoimmune Disease. Immunity, 2016, 45, 1311-1326.	6.6	99
22	Transintestinal transport of the anti-inflammatory drug 4F and the modulation of transintestinal cholesterol efflux. Journal of Lipid Research, 2016, 57, 1175-1193.	2.0	20
23	Modulating Cholesterol Homeostasis to Build a Better T Cell. Cell Metabolism, 2016, 23, 963-964.	7.2	26
24	Modulation of PICALM Levels Perturbs Cellular Cholesterol Homeostasis. PLoS ONE, 2015, 10, e0129776.	1.1	12
25	Limiting Cholesterol Biosynthetic Flux Spontaneously Engages Type I IFN Signaling. Cell, 2015, 163, 1716-1729.	13.5	322
26	Lipids rule: resetting lipid metabolism restores T cell function in systemic lupus erythematosus. Journal of Clinical Investigation, 2014, 124, 482-485.	3.9	19
27	An Essential Requirement for the SCAP/SREBP Signaling Axis to Protect Cancer Cells from Lipotoxicity. Cancer Research, 2013, 73, 2850-2862.	0.4	148
28	Sterol regulatory elementâ€“binding proteins are essential for the metabolic programming of effector T cells and adaptive immunity. Nature Immunology, 2013, 14, 489-499.	7.0	394
29	Subverting sterols: rerouting an oxysterol-signaling pathway to promote tumor growth. Journal of Experimental Medicine, 2013, 210, 1653-1656.	4.2	16
30	Liver <scp>X</scp> receptor and peroxisome proliferatorâ€activated receptor as integrators of lipid homeostasis and immunity. Immunological Reviews, 2012, 249, 72-83.	2.8	169
31	Coordinate regulation of neutrophil homeostasis by liver X receptors in mice. Journal of Clinical Investigation, 2012, 122, 337-347.	3.9	120
32	Paraâ€aminobenzoic acid is an alternative aromatic ring precursor of coenzyme Q biosynthesis in mammalian cells. FASEB Journal, 2012, 26, 790.6.	0.2	0
33	Interleukin-2 rescues helpless effector CD8+ T cells by diminishing the susceptibility to TRAIL mediated death. Immunology Letters, 2011, 139, 25-32.	1.1	16
34	Apoptotic Cells Promote Their Own Clearance and Immune Tolerance through Activation of the Nuclear Receptor LXR. Immunity, 2009, 31, 245-258.	6.6	564
35	A Nurr1 Pathway for Neuroprotection. Cell, 2009, 137, 26-28.	13.5	51
36	Integration of metabolism and inflammation by lipid-activated nuclear receptors. Nature, 2008, 454, 470-477.	13.7	712

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37	LXR Signaling Couples Sterol Metabolism to Proliferation in the Acquired Immune Response. Cell, 2008, 134, 97-111.	13.5	579
38	Developmental Alterations in Thymocyte Sensitivity Are Actively Regulated by MHC Class II Expression in the Thymic Medulla. Journal of Immunology, 2006, 176, 2229-2237.	0.4	19
39	PTEN inhibits IL-2 receptor-mediated expansion of CD4+CD25+ Tregs. Journal of Clinical Investigation, 2006, 116, 2521-31.	3.9	130
40	CD4+ T-cell help controls CD8+ T-cell memory via TRAIL-mediated activation-induced cell death. Nature, 2005, 434, 88-93.	13.7	547
41	Distinct IL-2 Receptor Signaling Pattern in CD4+CD25+ Regulatory T Cells. Journal of Immunology, 2004, 172, 5287-5296.	0.4	241
42	Distinct Effects of STAT5 Activation on CD4+ and CD8+ T Cell Homeostasis: Development of CD4+CD25+ Regulatory T Cells versus CD8+ Memory T Cells. Journal of Immunology, 2003, 171, 5853-5864.	0.4	186
43	Major Histocompatibility Complex Class IIâ€“Positive Cortical Epithelium Mediates the Selection of Cd4+25+ Immunoregulatory T Cells. Journal of Experimental Medicine, 2001, 194, 427-438.	4.2	362