Robert Maile

List of Publications by Year
in descending order

35 papers	1,200 citations	430874 18 h-index	377865 34 g-index
36 all docs	36 docs citations	36 times ranked	1610 citing authors

#	Article	IF	Citations
1	Pseudomonas aeruginosa exoproducts determine antibiotic efficacy against Staphylococcus aureus. PLoS Biology, 2017, 15, e2003981.	5.6	141
2	CD8+ T Cell Activation Is Governed by TCR-Peptide/MHC Affinity, Not Dissociation Rate. Journal of Immunology, 2007, 179, 2952-2960.	0.8	111
3	Naive CD8+ T Cells Do Not Require Costimulation for Proliferation and Differentiation into Cytotoxic Effector Cells. Journal of Immunology, 2000, 164, 1216-1222.	0.8	99
4	Interplay between TCR Affinity and Necessity of Coreceptor Ligation: High-Affinity Peptide-MHC/TCR Interaction Overcomes Lack of CD8 Engagement. Journal of Immunology, 2003, 171, 4493-4503.	0.8	80
5	Peripheral â€œCD8 Tuningâ€• Dynamically Modulates the Size and Responsiveness of an Antigen-Specific T Cell Pool In Vivo. Journal of Immunology, 2005, 174, 619-627.	0.8	73
6	Antigen-Specific Modulation of an Immune Response by In Vivo Administration of Soluble MHC Class I Tetramers. Journal of Immunology, 2001, 167, 3708-3714.	0.8	71
7	Timeline of health careâ€"associated infections and pathogens after burn injuries. American Journal of Infection Control, 2016, 44, 1511-1516.	2.3	59
8	Flagellin Treatment Prevents Increased Susceptibility to Systemic Bacterial Infection after Injury by Inhibiting Anti-Inflammatory IL-10+ IL-12- Neutrophil Polarization. PLoS ONE, 2014, 9, e85623.	2.5	52
9	Increased Toll-Like Receptor 4 Expression on T Cells May Be a Mechanism for Enhanced T cell Response Late After Burn Injury. Journal of Trauma, 2006, 61, 293-299.	2.3	45
10	Toll-like Receptor 2 and 4 Ligation Results in Complex Altered Cytokine Profiles Early and Late After Burn Injury. Journal of Trauma, 2008, 64, 1069-1078.	2.3	34
11	HMGB1/IL-1Î² complexes in plasma microvesicles modulate immune responses to burn injury. PLoS ONE, 2018, 13, e0195335.	2.5	33
12	Lowâ€avidity CD8^{lo} T cells induced by incomplete antigen stimulation <i>in vivo</i> regulate naive higher avidity CD8^{hi} T cell responses to the same antigen. European Journal of Immunology, 2006, 36, 397-410.	2.9	32
13	Association between early airway damage-associated molecular patterns and subsequent bacterial infection in patients with inhalational and burn injury. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2015, 308, L855-L860.	2.9	31
14	Bronchoscopy-Derived Correlates of Lung Injury following Inhalational Injuries: A Prospective Observational Study. PLoS ONE, 2013, 8, e64250.	2.5	30
15	Lymphopenia-Induced Homeostatic Proliferation of CD8+T Cells Is a Mechanism for Effective Allogeneic Skin Graft Rejection following Burn Injury. Journal of Immunology, 2006, 176, 6717-6726.	0.8	22
16	Th17 (IFNÎ³- IL17+) CD4+ T Cells Generated After Burn Injury May Be a Novel Cellular Mechanism for Postburn Immunosuppression. Journal of Trauma, 2011, 70, 681-690.	2.3	22
17	Blocking CXCL1-dependent neutrophil recruitment prevents immune damage and reduces pulmonary bacterial infection after inhalation injury. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2018, 314, L822-L834.	2.9	22
18	Peptidic Termini Play a Significant Role in TCR Recognition. Journal of Immunology, 2002, 169, 3137-3145.	0.8	21

#	Article	IF	Citations
19	Plasma extracellular vesicles released after severe burn injury modulate macrophage phenotype and function. Journal of Leukocyte Biology, 2021, 111, 33-49.	3.3	19
20	Nitric Oxide-Releasing Hyaluronic Acid as an Antibacterial Agent for Wound Therapy. Biomacromolecules, 2021, 22, 867-879.	5.4	19
21	Radiation Combined With Thermal Injury Induces Immature Myeloid Cells. Shock, 2012, 38, 532-542.	2.1	18
22	Innate Immune Cell Recovery Is Positively Regulated by NLRP12 during Emergency Hematopoiesis. Journal of Immunology, 2017, 198, 2426-2433.	0.8	18
23	Differential regulation of innate immune cytokine production through pharmacological activation of Nuclear Factor-Erythroid-2-Related Factor 2 (NRF2) in burn patient immune cells and monocytes. PLoS ONE, 2017, 12, e0184164.	2.5	18
24	Mammalian target of rapamycin regulates a hyperresponsive state in pulmonary neutrophils late after burn injury. Journal of Leukocyte Biology, 2018, 103, 909-918.	3.3	17
25	Downregulation of Immune Signaling Genes in Patients With Large Surface Burn Injury. Journal of Burn Care and Research, 2007, 28, 879-887.	0.4	14
26	Direct detection of blood nitric oxide reveals a burn-dependent decrease of nitric oxide in response to Pseudomonas aeruginosa infection. Burns, 2016, 42, 1522-1527.	1.9	13
27	The Effect of Burn Injury on CD8+ and CD4+ T Cells in an Irradiation Model of Homeostatic Proliferation. Journal of Trauma, 2006, 61, 1062-1068.	2.3	10
28	One-hit wonder: Late after burn injury, granulocytes can clear one bacterial infection but cannot control a subsequent infection. Burns, 2019, 45, 627-640.	1.9	10
29	Burn Injury Induces Proinflammatory Plasma Extracellular Vesicles That Associate with Length of Hospital Stay in Women: CRP and SAA1 as Potential Prognostic Indicators. International Journal of Molecular Sciences, 2021, 22, 10083.	4.1	9
30	Role of Nitric Oxide-Releasing Glycosaminoglycans in Wound Healing. ACS Biomaterials Science and Engineering, 2022, 8, 2537-2552.	5.2	9
31	Characterization of extracellular vesicle miRNA identified in peripheral blood of chronic pancreatitis patients. Molecular and Cellular Biochemistry, 2021, 476, 4331-4341.	3.1	7
32	Memory CD8+ T cells require CD8 coreceptor engagement for calcium mobilization and proliferation, but not cytokine production. Immunology, 2005, 114, 44-52.	4.4	5
33	A prospective study of asymptomatic SARS-CoV-2 infection among individuals involved in academic research under limited operations during the COVID-19 pandemic. PLoS ONE, 2022, 17, e0267353.	2.5	5
34	Burn injury induces high levels of phosphorylated insulin-like growth factor binding protein-1. International Journal of Burns and Trauma, 2013, 3, 180-9.	0.2	4
35	Modulation of immune response with MHC class i allotetramers. Journal of the American College of Surgeons, 2000, 191, S49.	0.5	0