Adam Lacy-Hulbert

List of Publications by Year
in descending order

61 papers	6,418 citations	117625 34 h-index	138484 58 g-index
64 all docs	64 docs citations	64 times ranked	11849 citing authors

#	Article	IF	Citations
1	CD36 ligands promote sterile inflammation through assembly of a Toll-like receptor 4 and 6 heterodimer. Nature Immunology, 2010, 11, 155-161.	14.5	1,255
2	Targeting of Î±v integrin identifies a core molecular pathway that regulates fibrosis in several organs. Nature Medicine, 2013, 19, 1617-1624.	30.7	737
3	Biological responses to electromagnetic fields¹. FASEB Journal, 1998, 12, 395-420.	0.5	300
4	The neuroimmune guidance cue netrin-1 promotes atherosclerosis by inhibiting the emigration of macrophages from plaques. Nature Immunology, 2012, 13, 136-143.	14.5	280
5	Inhibitory Effects of Apoptotic Cell Ingestion upon Endotoxin-Driven Myeloid Dendritic Cell Maturation. Journal of Immunology, 2002, 168, 1627-1635.	0.8	253
6	Ulcerative colitis and autoimmunity induced by loss of myeloid Î±v integrins. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 15823-15828.	7.1	220
7	Apoptotic Cells and Innate Immune Stimuli Combine to Regulate Macrophage Cytokine Secretion. Journal of Immunology, 2003, 171, 2610-2615.	0.8	194
8	Selective ablation of Î±v integrins in the central nervous system leads to cerebral hemorrhage, seizures, axonal degeneration and premature death. Development (Cambridge), 2005, 132, 165-176.	2.5	194
9	Activation of caspase-1 by the NLRP3 inflammasome regulates the NADPH oxidase NOX2 to control phagosome function. Nature Immunology, 2013, 14, 543-553.	14.5	177
10	Gut-Tropic T Cells That Express Integrin Î±4Î²7 and CCR9 Are Required for Induction of Oral Immune Tolerance in Mice. Gastroenterology, 2011, 141, 2109-2118.	1.3	172
11	Inflammation-induced interstitial migration of effector CD4+ T cells is dependent on integrin Î±V. Nature Immunology, 2013, 14, 949-958.	14.5	162
12	Migratory DCs activate TGF-Î² to precondition naÃ¯ve CD8 ⁺ T cells for tissue-resident memory fate. Science, 2019, 366, .	12.6	149
13	Endothelial Î±5 and Î±v integrins cooperate in remodeling of the vasculature during development. Development (Cambridge), 2010, 137, 2439-2449.	2.5	141
14	Accelerated re-epithelialization in Î²3-integrin-deficient- mice is associated with enhanced TGF-Î²1 signaling. Nature Medicine, 2005, 11, 167-174.	30.7	132
15	Phagocytosis and Phagosome Acidification Are Required for Pathogen Processing and MyD88-Dependent Responses to Staphylococcusâ€aureus. Journal of Immunology, 2010, 184, 7071-7081.	0.8	132
16	Transglutaminase 2 Is Needed for the Formation of an Efficient Phagocyte Portal in Macrophages Engulfing Apoptotic Cells. Journal of Immunology, 2009, 182, 2084-2092.	0.8	130
17	Requirements for Apoptotic Cell Contact in Regulation of Macrophage Responses. Journal of Immunology, 2006, 177, 4047-4054.	0.8	128
18	Persistence of apoptotic cells without autoimmune disease or inflammation in CD14â^'/â^' mice. Journal of Cell Biology, 2004, 167, 1161-1170.	5.2	127

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19	Preferential Expression of Integrin Î±vÎ²8 Promotes Generation of Regulatory T Cells by Mouse CD103+ Dendritic Cells. Gastroenterology, 2011, 141, 1813-1820.	1.3	115
20	Pathogen-Derived Effectors Trigger Protective Immunity via Activation of the Rac2 Enzyme and the IMD or Rip Kinase Signaling Pathway. Immunity, 2011, 35, 536-549.	14.3	92
21	Dectin-1â€“Dependent LC3 Recruitment to Phagosomes Enhances Fungicidal Activity in Macrophages. Journal of Infectious Diseases, 2014, 210, 1844-1854.	4.0	90
22	Endothelial Expression of Guidance Cues in Vessel Wall Homeostasis Dysregulation Under Proatherosclerotic Conditions. Arteriosclerosis, Thrombosis, and Vascular Biology, 2013, 33, 911-919.	2.4	89
23	No Effect of 60 Hz Electromagnetic Fields on MYC or Î²-Actin Expression in Human Leukemic Cells. Radiation Research, 1995, 144, 9.	1.5	82
24	Chronic TLR7 and TLR9 signaling drives anemia via differentiation of specialized hemophagocytes. Science, 2019, 363, .	12.6	82
25	Î±v Integrin expression by DCs is required for Th17 cell differentiation and development of experimental autoimmune encephalomyelitis in mice. Journal of Clinical Investigation, 2010, 120, 4445-4452.	8.2	82
26	MHC class II transactivator CIITA induces cell resistance to Ebola virus and SARS-like coronaviruses. Science, 2020, 370, 241-247.	12.6	72
27	Integrin Î±v in the mechanical response of osteoblast lineage cells. Biochemical and Biophysical Research Communications, 2014, 447, 352-357.	2.1	61
28	The astrocyte-expressed integrin Î±vÎ²8 governs blood vessel sprouting in the developing retina. Development (Cambridge), 2011, 138, 5157-5166.	2.5	56
29	Outside-in integrin signalling regulates haematopoietic stem cell function via Periostin-Itgav axis. Nature Communications, 2016, 7, 13500.	12.8	56
30	ConfocalVR: Immersive Visualization for Confocal Microscopy. Journal of Molecular Biology, 2018, 430, 4028-4035.	4.2	50
31	Î±v Integrins combine with LC3 and atg5 to regulate Toll-like receptor signalling in B cells. Nature Communications, 2016, 7, 10917.	12.8	49
32	Î²8 Integrin Expression and Activation of TGF-Î² by Intestinal Dendritic Cells Are Determined by Both Tissue Microenvironment and Cell Lineage. Journal of Immunology, 2016, 197, 1968-1978.	0.8	48
33	Interruption of coding sequences by heterologous introns can enhance the functional expression of recombinant genes. Gene Therapy, 2001, 8, 649-653.	4.5	46
34	Protein Tyrosine Phosphatase-PEST and Î²8 Integrin Regulate Spatiotemporal Patterns of RhoGDI1 Activation in Migrating Cells. Molecular and Cellular Biology, 2015, 35, 1401-1413.	2.3	38
35	Identification of Drosophila Yin and PEPT2 as Evolutionarily Conserved Phagosome-associated Muramyl Dipeptide Transporters. Journal of Biological Chemistry, 2010, 285, 20147-20154.	3.4	35
36	Inflammatory Th17 Cells Express Integrin Î± v Î² 3 for Pathogenic Function. Cell Reports, 2016, 16, 1339-1351.	6.4	35

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37	Wiskottâ€“Aldrich Syndrome Protein Deficiency in Innate Immune Cells Leads to Mucosal Immune Dysregulation and Colitis in Mice. Gastroenterology, 2012, 143, 719-729.e2.	1.3	32
38	Tumor Necrosis Factor Î± Inhibits Expression of the Iron Regulating Hormone Hepcidin in Murine Models of Innate Colitis. PLoS ONE, 2012, 7, e38136.	2.5	32
39	EGL-9 Controls C. elegans Host Defense Specificity through Prolyl Hydroxylation-Dependent and -Independent HIF-1 Pathways. PLoS Pathogens, 2012, 8, e1002798.	4.7	29
40	Genetic Ablation of Î±v Integrins in Epithelial Cells of the Eyelid Skin and Conjunctiva Leads to Squamous Cell Carcinoma. American Journal of Pathology, 2008, 172, 1740-1747.	3.8	28
41	Designer macrophages: Oxidative metabolism fuels inflammation repair. Cell Metabolism, 2006, 4, 7-8.	16.2	27
42	Î±v Integrins regulate germinal center B cell responses through noncanonical autophagy. Journal of Clinical Investigation, 2018, 128, 4163-4178.	8.2	24
43	Transposon activation mutagenesis as a screening tool for identifying resistance to cancer therapeutics. BMC Cancer, 2013, 13, 93.	2.6	23
44	Natural Killer Cells Require Selectins for Suppression of Subcutaneous Tumors. Cancer Research, 2009, 69, 2531-2539.	0.9	20
45	The Role of Autophagy-Related Proteins in Candida albicans Infections. Pathogens, 2016, 5, 34.	2.8	17
46	The Periostin/Integrin-Î±v Axis Regulates the Size of Hematopoietic Stem Cell Pool in the Fetal Liver. Stem Cell Reports, 2020, 15, 340-357.	4.8	17
47	Effects of Asthma and Human Rhinovirus A16 on the Expression of SARS-CoV-2 Entry Factors in Human Airway Epithelium. American Journal of Respiratory Cell and Molecular Biology, 2020, 63, 859-863.	2.9	17
48	Cancer risk and electromagnetic fields. Nature, 1995, 375, 23-23.	27.8	16
49	?3 Integrins Regulate Lymphocyte Migration and Cytokine Responses in Heart Transplant Rejection. American Journal of Transplantation, 2007, 7, 1080-1090.	4.7	16
50	Pivotal role for Î± _V integrins in sustained Tfh support of the germinal center response for long-lived plasma cell generation. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 4462-4470.	7.1	14
51	Alpha (v) integrins license regulatory T cells to apoptotic cells and selfâ€associated antigens. Annals of the New York Academy of Sciences, 2010, 1209, 68-76.	3.8	12
52	Apoptotic Cells Can Deliver Chemotherapeutics to Engulfing Macrophages and Suppress Inflammatory Cytokine Production. Journal of Biological Chemistry, 2012, 287, 16029-16036.	3.4	9
53	B Cell Î±v Integrins Regulate TLR-Driven Autoimmunity. Journal of Immunology, 2020, 205, 1810-1818.	0.8	9
54	De-Mst-ifying microbicidal killing. Nature Immunology, 2015, 16, 1107-1108.	14.5	5

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55	Apoptotic Cellâ€“Directed Resolution of Lung Inflammation Requires Myeloid Î±v Integrinâ€“Mediated Induction of Regulatory T Lymphocytes. American Journal of Pathology, 2020, 190, 1224-1235.	3.8	4
56	Apoptotic cells induce CD103 expression and immunoregulatory function in myeloid dendritic cell precursors through integrin Î±v and TGF-Î² activation. PLoS ONE, 2020, 15, e0232307.	2.5	2
57	Penetration Resistance: PKR's Other Talent. Immunity, 2012, 36, 695-696.	14.3	1
58	GOP-1: Helping phagosomes pass the acid test. Journal of Cell Biology, 2017, 216, 1517-1519.	5.2	1
59	Comparative Characterization of Non-professional and Professional Phagocyte Responses to Apoptotic Cells. , 2009, , 189-215.		1
60	Innate and adaptive immune cross-talk regulates intestinal macrophage activation and drives colitis in mice. Inflammatory Bowel Diseases, 2011, 17, S81.	1.9	0
61	Developmental Stage Dependent Response to Proliferation in Hematopoietic Stem Cells. Experimental Hematology, 2018, 64, S77.	0.4	0