

Bernd H Zinselmeyer

List of Publications by Year in descending order

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Version: 2024-02-01

60
papers

6,018
citations

94433

37
h-index

133252

59
g-index

61
all docs

61
docs citations

61
times ranked

10083
citing authors

#	ARTICLE	IF	CITATIONS
1	TREM2 Lipid Sensing Sustains the Microglial Response in an Alzheimer's Disease Model. <i>Cell</i> , 2015, 160, 1061-1071.	28.9	1,236
2	Reversal of the TCR Stop Signal by CTLA-4. <i>Science</i> , 2006, 313, 1972-1975.	12.6	549
3	In vivo two-photon imaging reveals monocyte-dependent neutrophil extravasation during pulmonary inflammation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 18073-18078.	7.1	348
4	The lower-generation polypropylenimine dendrimers are effective gene-transfer agents. <i>Pharmaceutical Research</i> , 2002, 19, 960-967.	3.5	288
5	The Lymphatic System: Integral Roles in Immunity. <i>Annual Review of Immunology</i> , 2017, 35, 31-52.	21.8	244
6	PD-1 promotes immune exhaustion by inducing antiviral T cell motility paralysis. <i>Journal of Experimental Medicine</i> , 2013, 210, 757-774.	8.5	211
7	Intercellular Mitochondria Transfer to Macrophages Regulates White Adipose Tissue Homeostasis and Is Impaired in Obesity. <i>Cell Metabolism</i> , 2021, 33, 270-282.e8.	16.2	160
8	In situ characterization of CD4+ T cell behavior in mucosal and systemic lymphoid tissues during the induction of oral priming and tolerance. <i>Journal of Experimental Medicine</i> , 2005, 201, 1815-1823.	8.5	147
9	Preferential liver gene expression with polypropylenimine dendrimers. <i>Journal of Controlled Release</i> , 2005, 101, 247-258.	9.9	130
10	Cutting Edge: Acute Lung Allograft Rejection Is Independent of Secondary Lymphoid Organs. <i>Journal of Immunology</i> , 2009, 182, 3969-3973.	0.8	123
11	Resident macrophages of pancreatic islets have a seminal role in the initiation of autoimmune diabetes of NOD mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E10418-E10427.	7.1	119
12	Limited proliferation capacity of aortic intima resident macrophages requires monocyte recruitment for atherosclerotic plaque progression. <i>Nature Immunology</i> , 2020, 21, 1194-1204.	14.5	115
13	Intravital 2-photon imaging of leukocyte trafficking in beating heart. <i>Journal of Clinical Investigation</i> , 2012, 122, 2499-2508.	8.2	113
14	Bacterial Entry to the Splenic White Pulp Initiates Antigen Presentation to CD8+ T Cells. <i>Immunity</i> , 2008, 29, 476-486.	14.3	112
15	Central memory CD8+ T lymphocytes mediate lung allograft acceptance. <i>Journal of Clinical Investigation</i> , 2014, 124, 1130-1143.	8.2	97
16	Expression of factor V by resident macrophages boosts host defense in the peritoneal cavity. <i>Journal of Experimental Medicine</i> , 2019, 216, 1291-1300.	8.5	94
17	In vivo dynamics of innate immune sentinels in the CNS. <i>Intravital</i> , 2012, 1, 95-106.	2.0	91
18	Beta cells transfer vesicles containing insulin to phagocytes for presentation to T cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E5496-502.	7.1	85

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19	Evaluation of Generation 2 and 3 Poly(Propylenimine) Dendrimers for the Potential Cellular Delivery of Antisense Oligonucleotides Targeting the Epidermal Growth Factor Receptor. <i>Pharmaceutical Research</i> , 2004, 21, 458-466.	3.5	81
20	Malaria Impairs T Cell Clustering and Immune Priming despite Normal Signal 1 from Dendritic Cells. <i>PLoS Pathogens</i> , 2007, 3, e143.	4.7	81
21	IL-1 α -induced Bhlhe40 identifies pathogenic T helper cells in a model of autoimmune neuroinflammation. <i>Journal of Experimental Medicine</i> , 2016, 213, 251-271.	8.5	81
22	Pancreatic islets communicate with lymphoid tissues via exocytosis of insulin peptides. <i>Nature</i> , 2018, 560, 107-111.	27.8	81
23	The gastric epithelial progenitor cell niche and differentiation of the zymogenic (chief) cell lineage. <i>Developmental Biology</i> , 2009, 325, 211-224.	2.0	80
24	Lymphoid Aggregates Remodel Lymphatic Collecting Vessels that Serve Mesenteric Lymph Nodes in Crohn Disease. <i>American Journal of Pathology</i> , 2016, 186, 3066-3073.	3.8	72
25	CCR7 and IRF4-dependent dendritic cells regulate lymphatic collecting vessel permeability. <i>Journal of Clinical Investigation</i> , 2016, 126, 1581-1591.	8.2	72
26	Streptolysin S Inhibits Neutrophil Recruitment during the Early Stages of <i>Streptococcus pyogenes</i> Infection. <i>Infection and Immunity</i> , 2009, 77, 5190-5201.	2.2	65
27	Opposing Roles of Dendritic Cell Subsets in Experimental GN. <i>Journal of the American Society of Nephrology: JASN</i> , 2018, 29, 138-154.	6.1	65
28	CCR2 Regulates Monocyte Recruitment As Well As CD4+ Th1 Allorecognition After Lung Transplantation. <i>American Journal of Transplantation</i> , 2010, 10, 1189-1199.	4.7	61
29	Video-rate two-photon imaging of mouse footpad α a promising model for studying leukocyte recruitment dynamics during inflammation. <i>Inflammation Research</i> , 2008, 57, 93-96.	4.0	60
30	Chapter 16 Two-Photon Microscopy and Multidimensional Analysis of Cell Dynamics. <i>Methods in Enzymology</i> , 2009, 461, 349-378.	1.0	55
31	Intravital and Kidney Slice Imaging of Podocyte Membrane Dynamics. <i>Journal of the American Society of Nephrology: JASN</i> , 2016, 27, 3285-3290.	6.1	50
32	The Actin-Bundling Protein α -Plastin Dissociates CCR7 Proximal Signaling from CCR7-Induced Motility. <i>Journal of Immunology</i> , 2010, 184, 3628-3638.	0.8	49
33	DAP12 Expression in Lung Macrophages Mediates Ischemia/Reperfusion Injury by Promoting Neutrophil Extravasation. <i>Journal of Immunology</i> , 2015, 194, 4039-4048.	0.8	48
34	The resident macrophages in murine pancreatic islets are constantly probing their local environment, capturing beta cell granules and blood particles. <i>Diabetologia</i> , 2018, 61, 1374-1383.	6.3	48
35	Regulatory T Cells Suppress the Late Phase of the Immune Response in Lymph Nodes through P-Selectin Glycoprotein Ligand-1. <i>Journal of Immunology</i> , 2013, 191, 5489-5500.	0.8	47
36	Type I Interferon Programs Innate Myeloid Dynamics and Gene Expression in the Virally Infected Nervous System. <i>PLoS Pathogens</i> , 2013, 9, e1003395.	4.7	46

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37	Real-Time Analysis of Calcium Signals during the Early Phase of T Cell Activation Using a Genetically Encoded Calcium Biosensor. <i>Journal of Immunology</i> , 2016, 196, 1471-1479.	0.8	43
38	CD36 Deficiency Impairs the Small Intestinal Barrier and Induces Subclinical Inflammation in Mice. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2017, 3, 82-98.	4.5	42
39	Gene Transfer with Three Amphiphilic Glycol Chitosans—the Degree of Polymerisation is the Main Controller of Transfection Efficiency. <i>Journal of Drug Targeting</i> , 2004, 12, 527-539.	4.4	40
40	Limited Macrophage Positional Dynamics in Progressing or Regressing Murine Atherosclerotic Plaques—Brief Report. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2018, 38, 1702-1710.	2.4	39
41	Interleukin-17 Drives Interstitial Entrapment of Tissue Lipoproteins in Experimental Psoriasis. <i>Cell Metabolism</i> , 2019, 29, 475-487.e7.	16.2	38
42	Thermoneutrality but Not UCP1 Deficiency Suppresses Monocyte Mobilization Into Blood. <i>Circulation Research</i> , 2017, 121, 662-676.	4.5	37
43	Kir6.1-dependent K ⁺ ATP channels in lymphatic smooth muscle and vessel dysfunction in mice with Kir6.1 gain-of-function. <i>Journal of Physiology</i> , 2020, 598, 3107-3127.	2.9	34
44	Multiphoton Microscopy for 3-Dimensional Imaging of Lymphocyte Recruitment Into Apolipoprotein-E Deficient Mouse Carotid Artery. <i>Circulation</i> , 2007, 115, e326-8.	1.6	32
45	LYVE1+ macrophages of murine peritoneal mesothelium promote omentum-independent ovarian tumor growth. <i>Journal of Experimental Medicine</i> , 2021, 218, .	8.5	31
46	Ileitis-associated tertiary lymphoid organs arise at lymphatic valves and impede mesenteric lymph flow in response to tumor necrosis factor. <i>Immunity</i> , 2021, 54, 2795-2811.e9.	14.3	31
47	In vivo imaging implicates CCR2+ monocytes as regulators of neutrophil recruitment during arthritis. <i>Cellular Immunology</i> , 2012, 278, 103-112.	3.0	29
48	Commensal <i>Cryptosporidium</i> colonization elicits a cDC1-dependent Th1 response that promotes intestinal homeostasis and limits other infections. <i>Immunity</i> , 2021, 54, 2547-2564.e7.	14.3	28
49	ITAM Signaling by Vav Family Rho Guanine Nucleotide Exchange Factors Regulates Interstitial Transit Rates of Neutrophils In Vivo. <i>PLoS ONE</i> , 2009, 4, e4652.	2.5	27
50	Polysaccharide Capsules Equip the Human Symbiont <i>Bacteroides thetaiotaomicron</i> to Modulate Immune Responses to a Dominant Antigen in the Intestine. <i>Journal of Immunology</i> , 2020, 204, 1035-1046.	0.8	26
51	Two-Photon Imaging of Microbial Immunity in Living Tissues. <i>Microscopy and Microanalysis</i> , 2012, 18, 730-741.	0.4	22
52	Quantification of Î²-galactosidase activity after non-viral transfection in vivo. <i>Journal of Controlled Release</i> , 2003, 91, 201-208.	9.9	21
53	Lymphocyte tracking and interactions in secondary lymphoid organs. <i>Inflammation Research</i> , 2007, 56, 391-401.	4.0	20
54	Development of an Immunologically Tolerated Combination of Fluorescent Proteins for In vivo Two-photon Imaging. <i>Scientific Reports</i> , 2014, 4, 6664.	3.3	17

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55	Na ⁺ is shifted from the extracellular to the intracellular compartment and is not inactivated by glycosaminoglycans during high salt conditions in rats. <i>Journal of Physiology</i> , 2022, 600, 2293-2309.	2.9	17
56	T Cell Dynamics during Induction of Tolerance and Suppression of Experimental Allergic Encephalomyelitis. <i>Journal of Immunology</i> , 2011, 187, 3979-3986.	0.8	13
57	A Polecat's View of Patrolling Monocytes. <i>Circulation Research</i> , 2017, 120, 1699-1701.	4.5	11
58	Tuning T Cell Signaling Sensitivity Alters the Behavior of CD4+ T Cells during an Immune Response. <i>Journal of Immunology</i> , 2018, 200, 3429-3437.	0.8	9
59	Non-invasive Imaging of Leukocyte Homing and Migration &em>in vivo&em>. <i>Journal of Visualized Experiments</i> , 2010, , .	0.3	5
60	IMMU-26. UNRAVELING ANTIGEN PRESENTATION IN CENTRAL NERVOUS SYSTEM ANTI-TUMOR IMMUNITY. <i>Neuro-Oncology</i> , 2020, 22, ii110-ii110.	1.2	0