Gottfried Baier

List of Publications by Year in descending order

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76 papers	3,489 citations	147801 31 h-index	144013 57 g-index
80 all docs	80 docs citations	80 times ranked	5139 citing authors

#	Article	IF	Citations
1	Protein Kinase C Î¸ Affects Ca2+ Mobilization and NFAT Activation in Primary Mouse T Cells. Journal of Experimental Medicine, 2003, 197, 1525-1535.	8.5	303
2	Microbial signals drive pre-leukaemic myeloproliferation in a Tet2-deficient host. Nature, 2018, 557, 580-584.	27.8	296
3	Targeting immune checkpoints potentiates immunoediting and changes the dynamics of tumor evolution. Nature Communications, 2018, 9, 32.	12.8	193
4	NFAT pulls the strings during CD4+ T helper cell effector functions. Blood, 2010, 115, 2989-2997.	1.4	178
5	Protein kinase CÎ¸: a new essential superstar on the T-cell stage. Trends in Immunology, 2000, 21, 567-573.	7.5	139
6	The Potent Protein Kinase C-Selective Inhibitor AEB071 (Sotrastaurin) Represents a New Class of Immunosuppressive Agents Affecting Early T-Cell Activation. Journal of Pharmacology and Experimental Therapeutics, 2009, 330, 792-801.	2.5	138
7	The PKC gene module: molecular biosystematics to resolve its T cell functions. Immunological Reviews, 2003, 192, 64-79.	6.0	124
8	Translocation of PKCÎ¸ in T cells is mediated by a nonconventional, PI3-Kâ€“ and Vav-dependent pathway, but does not absolutely require phospholipase C. Journal of Cell Biology, 2002, 157, 253-263.	5.2	123
9	NAD metabolism fuels human and mouse intestinal inflammation. Gut, 2018, 67, 1813-1823.	12.1	104
10	The Nuclear Orphan Receptor NR2F6 Suppresses Lymphocyte Activation and T Helper 17-Dependent Autoimmunity. Immunity, 2008, 29, 205-216.	14.3	93
11	Essential Role of E3 Ubiquitin Ligase Activity in Cbl-bâ€“Regulated T Cell Functions. Journal of Immunology, 2011, 186, 2138-2147.	0.8	92
12	Defective IgG2a/2b Class Switching in PKCÎ±â^'/â^' Mice. Journal of Immunology, 2006, 176, 6004-6011.	0.8	83
13	Complex Formation and Cooperation of Protein Kinase CÎ¸ and Akt1/Protein Kinase BÎ± in the NF-ÎºB Transactivation Cascade in Jurkat T Cells. Journal of Biological Chemistry, 2001, 276, 31627-31634.	3.4	73
14	PKC-Î¸ Modulates the Strength of T Cell Responses by Targeting Cbl-b for Ubiquitination and Degradation. Science Signaling, 2009, 2, ra30.	3.6	67
15	PKC inhibitors: potential in T cell-dependent immune diseases. Current Opinion in Cell Biology, 2009, 21, 262-267.	5.4	63
16	Phosphorylation of Rab5a Protein by Protein Kinase CÏµ Is Crucial for T-cell Migration. Journal of Biological Chemistry, 2014, 289, 19420-19434.	3.4	59
17	Protein Kinase C (PKC)Î± and PKCÎ¸ Are the Major PKC Isotypes Involved in TCR Down-Regulation. Journal of Immunology, 2006, 176, 7502-7510.	0.8	57
18	PKC-Î¸ selectively controls the adhesion-stimulating molecule Rap1. Blood, 2008, 112, 4617-4627.	1.4	56

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19	Orphan nuclear receptor NR2F6 acts as an essential gatekeeper of Th17 CD4+ T cell effector functions. Cell Communication and Signaling, 2014, 12, 38.	6.5	52
20	Adoptive Transfer of siRNA Cblb-Silenced CD8+ T Lymphocytes Augments Tumor Vaccine Efficacy in a B16 Melanoma Model. PLoS ONE, 2012, 7, e44295.	2.5	51
21	Synergistic action of protein kinase C Î¸ and calcineurin is sufficient for Fas ligand expression and induction of a crmA-sensitive apoptosis pathway in Jurkat T cells. European Journal of Immunology, 1999, 29, 3549-3561.	2.9	49
22	Nuclear receptor NR2F6 inhibition potentiates responses to PD-L1/PD-1 cancer immune checkpoint blockade. Nature Communications, 2018, 9, 1538.	12.8	49
23	Critical role of novel Thr-219 autophosphorylation for the cellular function of PKCÎ¸ in T lymphocytes. EMBO Journal, 2005, 24, 3869-3880.	7.8	48
24	The Nuclear Orphan Receptor NR2F6 Is a Central Checkpoint for Cancer Immune Surveillance. Cell Reports, 2015, 12, 2072-2085.	6.4	47
25	Nuclear Receptors Regulate Intestinal Inflammation in the Context of IBD. Frontiers in Immunology, 2019, 10, 1070.	4.8	47
26	PKCÎ¸ cooperates with PKCÎ± in alloimmune responses of T cells in vivo. Molecular Immunology, 2009, 46, 2071-2079.	2.2	42
27	Involvement of distinct PKC gene products in T cell functions. Frontiers in Immunology, 2012, 3, 220.	4.8	42
28	Beyond CTLA-4 and PD-1: Orphan nuclear receptor NR2F6 as T cell signaling switch and emerging target in cancer immunotherapy. Immunology Letters, 2016, 178, 31-36.	2.5	39
29	PKCÎ¸ and PKA are antagonistic partners in the NF-AT transactivation pathway of primary mouse CD3+ T lymphocytes. Blood, 2006, 107, 4841-4848.	1.4	38
30	Releasing the Brake: Targeting Cbl-b to Enhance Lymphocyte Effector Functions. Clinical and Developmental Immunology, 2012, 2012, 1-5.	3.3	36
31	Nuclear orphan receptor NR2F6 directly antagonizes NFAT and RORÎ³t binding to the Il17a promoter. Journal of Autoimmunity, 2012, 39, 428-440.	6.5	36
32	The Kinase PKCÎ± Selectively Upregulates Interleukin-17A during Th17 Cell Immune Responses. Immunity, 2013, 38, 41-52.	14.3	36
33	Coronin 1A is an essential regulator of the TGFÎ² receptor/SMAD3 signaling pathway in Th17 CD4+ T cells. Journal of Autoimmunity, 2011, 37, 198-208.	6.5	33
34	Differential requirements for ERK1/2 and P38 MAPK activation by thrombin in T cells. Role of P59Fyn and PKCÎµ. Oncogene, 2001, 20, 1964-1972.	5.9	31
35	AKT1/PKBÎ± is recruited to lipid rafts and activated downstream of PKC isotypes in CD3â€induced T cell signaling. FEBS Letters, 2003, 541, 155-162.	2.8	31
36	cJun N-terminal kinase (JNK) phosphorylation of serine 36 is critical for p66Shc activation. Scientific Reports, 2016, 6, 20930.	3.3	31

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37	Cbl-b mediates TGFÎ² sensitivity by downregulating inhibitory SMAD7 in primary T cells. Journal of Molecular Cell Biology, 2013, 5, 358-368.	3.3	30
38	Molecular genetics and structural genomics of the human protein kinase C gene module. Genome Biology, 2002, 3, research0014.1.	9.6	28
39	PKCÎ¸ is necessary for efficient activation of NFÎºB, NFAT, and AP-1 during positive selection of thymocytes. Immunology Letters, 2010, 132, 6-11.	2.5	25
40	PKCÎ´ is involved in signal attenuation in CD3+ T cells. Immunology Letters, 2005, 96, 291-293.	2.5	22
41	Protein kinase C? is dispensable for TCR/CD3-signaling. Molecular Immunology, 2005, 42, 305-310.	2.2	22
42	Reinforcement of cancer immunotherapy by adoptive transfer of cblbâ€deficient CD8⁺ T cells combined with a DC vaccine. Immunology and Cell Biology, 2012, 90, 130-134.	2.3	22
43	Novel Insights into the PKCÎ²-dependent Regulation of the Oxidoreductase p66Shc. Journal of Biological Chemistry, 2016, 291, 23557-23568.	3.4	21
44	Nuclear orphan receptor NR2F6 as a safeguard against experimental murine colitis. Gut, 2018, 67, 1434-1444.	12.1	21
45	Role of PKCtheta in macrophage-mediated immune response to Salmonella typhimurium infection in mice. Cell Communication and Signaling, 2016, 14, 14.	6.5	20
46	Orphan Nuclear Receptor NR2F6 Suppresses T Follicular Helper Cell Accumulation through Regulation of IL-21. Cell Reports, 2019, 28, 2878-2891.e5.	6.4	20
47	FcÎ¼ receptor as a Costimulatory Molecule for T Cells. Cell Reports, 2019, 26, 2681-2691.e5.	6.4	19
48	Cblb-deficient T cells are less susceptible to PD-L1-mediated inhibition. Oncotarget, 2017, 8, 41841-41853.	1.8	19
49	PKCÎ¸ cooperates with atypical PKCÎ¶ and PKCÎ¹ in NF-ÎºB transactivation of T lymphocytes. Molecular Immunology, 2008, 45, 117-126.	2.2	18
50	PKCÎ¸/Î² and CYLD Are Antagonistic Partners in the NFÎºB and NFAT Transactivation Pathways in Primary Mouse CD3+ T Lymphocytes. PLoS ONE, 2013, 8, e53709.	2.5	18
51	Protein Kinase C Î¸ Regulates the Phenotype of Murine CD4+ Th17 Cells. PLoS ONE, 2014, 9, e96401.	2.5	18
52	Protein kinase C isoenzyme: selective expression pattern of protein kinase C-Î¸ during mouse development. Mechanisms of Development, 2001, 103, 197-200.	1.7	17
53	Protein kinase C beta is dispensable for TCR-signaling. Molecular Immunology, 2004, 41, 385-390.	2.2	16
54	Targeting the orphan nuclear receptor NR2F6 in T cells primes tumors for immune checkpoint therapy. Cell Communication and Signaling, 2020, 18, 8.	6.5	16

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55	PKCÎ± and PKCÎ² cooperate functionally in CD3-induced de novo IL-2 mRNA transcription. Immunology Letters, 2013, 151, 31-38.	2.5	11
56	LAMTOR2-Mediated Modulation of NGF/MAPK Activation Kinetics during Differentiation of PC12 Cells. PLoS ONE, 2014, 9, e95863.	2.5	11
57	Protein kinase N1 critically regulates cerebellar development and long-term function. Journal of Clinical Investigation, 2018, 128, 2076-2088.	8.2	11
58	Emerging Next-Generation Target for Cancer Immunotherapy Research: The Orphan Nuclear Receptor NR2F6. Cancers, 2021, 13, 2600.	3.7	11
59	Tumor rejection in Cblb^{â^'/â^'} mice depends on IL-9 and Th9 cells. , 2021, 9, e002889.		11
60	Loss of the orphan nuclear receptor NR2F6 enhances CD8+ T-cell memory via IFN-Î³. Cell Death and Disease, 2021, 12, 187.	6.3	10
61	Novel Protein kinase C Î¸: Coronin 1A complex in T lymphocytes. Cell Communication and Signaling, 2015, 13, 22.	6.5	9
62	Proof of Principle for a T Lymphocyte Intrinsic Function of Coronin 1A. Journal of Biological Chemistry, 2016, 291, 22086-22092.	3.4	9
63	Cerebral Malaria: Current Clinical and Immunological Aspects. Frontiers in Immunology, 2022, 13, 863568.	4.8	9
64	Engineering effective T-cell based antitumor immunity. OncoImmunology, 2013, 2, e22893.	4.6	6
65	Protein kinase CÎ¸: the pleiotropic T-cell signalling intermediate. Biochemical Society Transactions, 2014, 42, 1512-1518.	3.4	4
66	Protein kinase C theta is dispensable for suppression mediated by CD25+CD4+ regulatory T cells. PLoS ONE, 2017, 12, e0175463.	2.5	4
67	Regulation of Lymphatic GM-CSF Expression by the E3 Ubiquitin Ligase Cbl-b. Frontiers in Immunology, 2018, 9, 2311.	4.8	4
68	Loss-of-function phenotype of a PKCÎ¸T219A knockin mouse strain. Cell Communication and Signaling, 2019, 17, 141.	6.5	4
69	Novel mutant mouse line emphasizes the importance of protein kinase C theta for CD4+ T lymphocyte activation. Cell Communication and Signaling, 2019, 17, 56.	6.5	3
70	IFNÎ³ Helps CBLB-Deficient CD8+ T Cells to Put Up Resistance to Tregs. Cancer Immunology Research, 2022, 10, 370-370.	3.4	2
71	A MLR-Based Approach to Analyze Regulators of TÂLymphocyte Activation In Vivo. International Journal of Molecular Sciences, 2022, 23, 5337.	4.1	2
72	Chemically modified mRNA nucleofection of primary human T cells. Journal of Immunological Methods, 2020, 487, 112878.	1.4	1

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73	Addressing the role of PKD3 in the T cell compartment with knockout mice. Cell Communication and Signaling, 2022, 20, 54.	6.5	1
74	Development of a fast and sensitive method to study transcription factor activation under endogenous conditions in primary mouse T cells applying Alpha technology. Journal of Immunological Methods, 2019, 471, 57-60.	1.4	0
75	The E3 Ubiquitin Ligase Cbl-b Limits Nascent Th9 Differentiation. Blood, 2015, 126, 2222-2222.	1.4	0
76	Orphan Nuclear Receptor NR2F6 Suppresses T Follicular Helper Cell Accumulation Through Direct Regulation of IL-21. SSRN Electronic Journal, 0, , .	0.4	0