Vassiliki A Boussiotis

List of Publications by Year
in descending order

120 papers	11,841 citations	71102 41 h-index	33894 99 g-index
125 all docs	125 docs citations	125 times ranked	16034 citing authors

#	Article	IF	Citations
1	Effects of PD-1 Signaling on Immunometabolic Reprogramming. Immunometabolism, 2022, 4, .	1.6	10
2	Single-cell RNA sequencing reveals evolution of immune landscape during glioblastoma progression. Nature Immunology, 2022, 23, 971-984.	14.5	79
3	The role of peroxisome proliferator-activated receptors (PPAR) in immune responses. Metabolism: Clinical and Experimental, 2021, 114, 154338.	3.4	229
4	Blockade of 6-phosphogluconate dehydrogenase generates CD8+ effector TÂcells with enhanced anti-tumor function. Cell Reports, 2021, 34, 108831.	6.4	23
5	The PDâ€1 Interactome. Advanced Biology, 2021, 5, e2100758.	2.5	21
6	Structural, biochemical, and functional properties of the Rap1-Interacting Adaptor Molecule (RIAM). Biomedical Journal, 2021, , .	3.1	3
7	Commentary on: Combination of Metabolic Intervention and T Cell Therapy Enhances Solid Tumor Immunotherapy. Immunometabolism, 2021, 3, .	1.6	2
8	Flow Cytometric Analysis for Identification of the Innate and Adaptive Immune Cells of Murine Lung. Journal of Visualized Experiments, 2021, , .	0.3	1
9	PparÎ± Ablation Suppresses T Cell Responses and Anti-Tumor Immunity By Compromising the Antigen-Presenting Properties of Tumor-Associated Macrophages. Blood, 2021, 138, 438-438.	1.4	1
10	Assessment of a multi-cytokine profile by a novel biochip-based assay allows correlation of cytokine profiles with clinical outcomes in adult recipients of umbilical cord blood transplantation. Bone Marrow Transplantation, 2020, 55, 1821-1823.	2.4	1
11	A phase II study of reduced intensity double umbilical cord blood transplantation using fludarabine, melphalan, and low dose total body irradiation. Bone Marrow Transplantation, 2020, 55, 804-810.	2.4	3
12	Targeted deletion of PD-1 in myeloid cells induces antitumor immunity. Science Immunology, 2020, 5, .	11.9	287
13	PD-1+ Treg cells: a foe in cancer immunotherapy?. Nature Immunology, 2020, 21, 1311-1312.	14.5	24
14	Revisiting the PD-1 pathway. Science Advances, 2020, 6, .	10.3	277
15	Interaction of SHP-2 SH2 domains with PD-1 ITSM induces PD-1 dimerization and SHP-2 activation. Communications Biology, 2020, 3, 128.	4.4	91
16	T Cell Metabolism in Cancer Immunotherapy. Immunometabolism, 2020, 2, .	1.6	16
17	Myeloid-Specific SHP-2 Ablation Induces Robust Anti-Tumor Immunity That Is Not Further Enhanced By PD-1 Blockade. Blood, 2020, 136, 25-26.	1.4	0
18	Reactivation of BK virus after double umbilical cord blood transplantation in adults correlates with impaired reconstitution of CD4+ and CD8+ T effector memory cells and increase of T regulatory cells. Clinical Immunology, 2019, 207, 18-23.	3.2	10

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19	Metabolic Targets for Improvement of Allogeneic Hematopoietic Stem Cell Transplantation and Graft-vs.-Host Disease. Frontiers in Immunology, 2019, 10, 295.	4.8	20
20	IMMU-31. DRIVER GENE MUTATIONS DICTATE THE COMPOSITION OF THE IMMUNE LANDSCAPE OF GLIOBLASTOMA AND CONFER SELECTIVE RESPONSE TO IMMUNOTHERAPY. Neuro-Oncology, 2019, 21, vi125-vi125.	1.2	0
21	Phosphorylation of PD-1-Y248 is a marker of PD-1-mediated inhibitory function in human T cells. Scientific Reports, 2019, 9, 17252.	3.3	20
22	A secreted PD-L1 splice variant that covalently dimerizes and mediates immunosuppression. Cancer Immunology, Immunotherapy, 2019, 68, 421-432.	4.2	93
23	Development of HHV-6-Specific Immunity after Cord Blood Transplantation in Adults Depends on Reconstitution of Thymopoiesis and Regeneration of CD4+ T Cells. Blood, 2019, 134, 3275-3275.	1.4	1
24	Immunotherapies for malignant glioma. Oncogene, 2018, 37, 1121-1141.	5.9	108
25	Unraveling Key Players of Humoral Immunity: Advanced and Optimized Lymphocyte Isolation Protocol from Murine Peyer's Patches. Journal of Visualized Experiments, 2018, , .	0.3	2
26	Possible reactivation of chromosomally integrated human herpesvirus 6 after treatment with histone deacetylase inhibitor. Blood Advances, 2018, 2, 1367-1370.	5.2	13
27	Targeting T Cell Metabolism for Improvement of Cancer Immunotherapy. Frontiers in Oncology, 2018, 8, 237.	2.8	123
28	Metabolic Reprogramming of Myeloid Cells in Response to Factors of "Emergency" Myelopoiesis By Myeloid-Specific PD-1 Ablation, Regulates Myeloid Lineage Fate Commitment and Anti-Tumor Immunity. Blood, 2018, 132, 14-14.	1.4	2
29	RIAM (Rap1-Interactive Adaptor Molecule). , 2018, , 4700-4709.		0
30	The Rap1-RIAM Pathway Regulates the Expression of Integrins Î±EÎ²7(CD103) and Î±4Î²7, Which Guide T Cell Homing to Intestinal Compartments. Blood, 2018, 132, 864-864.	1.4	1
31	The Two SH2 Domains of SHP-2 Bridge Two PD-1 Molecules Resulting in SHP-2 Activation and PD-1-Mediated Inhibition. Blood, 2018, 132, 862-862.	1.4	0
32	The adaptor molecule RIAM integrates signaling events critical for integrin-mediated control of immune function and cancer progression. Science Signaling, 2017, 10, .	3.6	39
33	Feeling stressed? It might be your T cells. Nature Immunology, 2017, 18, 1281-1283.	14.5	2
34	Angiogenic Factors Correlate with T Cell Immune Reconstitution and Clinical Outcomes after Double-Unit Umbilical Cord Blood Transplantation in Adults. Biology of Blood and Marrow Transplantation, 2017, 23, 103-112.	2.0	4
35	Immunometabolic Regulations Mediated by Coinhibitory Receptors and Their Impact on T Cell Immune Responses. Frontiers in Immunology, 2017, 8, 330.	4.8	44
36	Regulation of T Cell Differentiation and Function by EZH2. Frontiers in Immunology, 2016, 7, 172.	4.8	70

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37	The PD1:PD-L1/2 Pathway from Discovery to Clinical Implementation. Frontiers in Immunology, 2016, 7, 550.	4.8	409
38	Individualized vaccination of AML patients in remission is associated with induction of antileukemia immunity and prolonged remissions. Science Translational Medicine, 2016, 8, 368ra171.	12.4	140
39	Clinical significance of T cell metabolic reprogramming in cancer. Clinical and Translational Medicine, 2016, 5, 29.	4.0	69
40	Molecular and Biochemical Aspects of the PD-1 Checkpoint Pathway. New England Journal of Medicine, 2016, 375, 1767-1778.	27.0	1,025
41	Interaction of Both SH2 Domains of SHP-2 with a PD-1 Homodimer Is Required for PD-1-Mediated Inhibition of T Cell Responses. Blood, 2016, 128, 859-859.	1.4	1
42	Epigenetic regulation of cancer biology and anti-tumor immunity by EZH2. Oncotarget, 2016, 7, 85624-85640.	1.8	44
43	JAK3-mediated phosphorylation of EZH2: a novel mechanism of non-canonical EZH2 activation and oncogenic function. Translational Cancer Research, 2016, 5, S1208-S1211.	1.0	5
44	RIAM (Rap1-Interactive Adaptor Molecule). , 2016, , 1-10.		0
45	Prostaglandin E2 Alters the Differentiation and Function of Antigen-Specific T Cells By Targeting the Metabolic Gene Regulatory Network Downstream of mTORC1. Blood, 2016, 128, 552-552.	1.4	0
46	The role of metabolic reprogramming in T cell fate and function. Current Trends in Immunology, 2016, 17, 1-12.	4.0	29
47	Cell-specific PD-L1 expression in DLBCL. Blood, 2015, 126, 2171-2172.	1.4	11
48	PD-1 alters T-cell metabolic reprogramming by inhibiting glycolysis and promoting lipolysis and fatty acid oxidation. Nature Communications, 2015, 6, 6692.	12.8	834
49	BK polyomavirus reactivation after reduced-intensity double umbilical cord blood cell transplantation. Transplant Immunology, 2015, 32, 116-120.	1.2	7
50	PD-1 Inhibits TCR Proximal Signaling By Sequestering SHP-2 Phosphatase and Facilitating Csk-Mediated Inhibitory Phosphorylation of Lck. Blood, 2015, 126, 283-283.	1.4	3
51	IL-7 and SCF Levels Inversely Correlate with T Cell Reconstitution and Clinical Outcomes after Cord Blood Transplantation in Adults. PLoS ONE, 2015, 10, e0132564.	2.5	22
52	Rap1-GTP Augments TGF-b-Mediated Signaling in T Lymphocytes Via a Mechanism Dependent on the b Chain of LFA-1 Integrin. Blood, 2015, 126, 3422-3422.	1.4	0
53	Somatic Mutations and Immunotherapy Outcome with CTLA-4 Blockade in Melanoma. New England Journal of Medicine, 2014, 371, 2230-2232.	27.0	43
54	Biochemical Signaling of PD-1 on T Cells and Its Functional Implications. Cancer Journal (Sudbury,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	2.0	146

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55	The cyclin dependent kinase inhibitor (R)-roscovitine mediates selective suppression of alloreactive human T cells but preserves pathogen-specific and leukemia-specific effectors. Clinical Immunology, 2014, 152, 48-57.	3.2	13
56	The role of the thymus in T-cell immune reconstitution after umbilical cord blood transplantation. Blood, 2014, 124, 3201-3211.	1.4	63
57	Phosphorylation of Tyrosine 340 in the Plekstrin Homology Domain of RIAM Is Required for Translocation of RIAM to the Plasma Membrane, Phosphorylation of RIAM-Associated PLC-g1 and LFA-1 Activation. Blood, 2014, 124, 2743-2743.	1.4	5
58	Prognostic Value of TREC, IL-7 and SCF Levels on Clinical Outcomes after Double Umbilical Cord Blood Transplantation in Adults. Blood, 2014, 124, 2488-2488.	1.4	0
59	Delayed Platelet Engraftment after Umbilical Cord Blood Transplant: Relationship to Circulating Levels of Thrombopoietin. Blood, 2014, 124, 3862-3862.	1.4	0
60	RIAM Interacts with the Hematopoietic-Specific Adaptor Protein Gads and Forms a LAT-Independent Node of Signal Integration That Regulates Activation of PLC-Î³1. Blood, 2014, 124, 4138-4138.	1.4	0
61	RIAM (Rap1-interacting adaptor molecule) regulates complement-dependent phagocytosis. Cellular and Molecular Life Sciences, 2013, 70, 2395-2410.	5.4	36
62	The role of IL-17-producing Foxp3+ CD4+ T cells in inflammatory bowel disease and colon cancer. Clinical Immunology, 2013, 148, 246-253.	3.2	70
63	PD-1 Increases PTEN Phosphatase Activity While Decreasing PTEN Protein Stability by Inhibiting Casein Kinase 2. Molecular and Cellular Biology, 2013, 33, 3091-3098.	2.3	152
64	Clinical Trial Evaluating DC/AML Fusion Cell Vaccination In AML Patients. Blood, 2013, 122, 3928-3928.	1.4	7
65	Inhibition Of Cdk2 Promotes The Generation Of Inducible CD8+ T Regulatory Cells By Modulating The Epigenetic Regulator EZH2. Blood, 2013, 122, 138-138.	1.4	0
66	PD-1 inhibits T cell proliferation by upregulating p27 and p15 and suppressing Cdc25A. Cell Cycle, 2012, 11, 4305-4309.	2.6	103
67	Rap1-interacting adapter molecule (RIAM) associates with the plasma membrane via a proximity detector. Journal of Cell Biology, 2012, 199, 317-329.	5.2	54
68	Selective Effects of PD-1 on Akt and Ras Pathways Regulate Molecular Components of the Cell Cycle and Inhibit T Cell Proliferation. Science Signaling, 2012, 5, ra46.	3.6	411
69	Runx1 and Runx3 Are Involved in the Generation and Function of Highly Suppressive IL-17-Producing T Regulatory Cells. PLoS ONE, 2012, 7, e45115.	2.5	37
70	Blockade of PD-1 in Combination with Dendritic Cell/Myeloma Fusion Cell Vaccination Following Autologous Stem Cell Transplantation. Blood, 2012, 120, 578-578.	1.4	3
71	Targeting Leukemia Initiating Cells by MUC1-C Subunit Inhibition. Blood, 2012, 120, 3583-3583.	1.4	0
72	BK Virus Reactivation After Double Umbilical Cord Blood Transplantation in Adults Correlates with Tregs and Delayed Reconstitution of CD4+ and CD8+ T Effector Cells. Blood, 2012, 120, 4174-4174.	1.4	0

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73	Molecular and functional heterogeneity of T regulatory cells. Clinical Immunology, 2011, 141, 244-252.	3.2	28
74	Rap1-GTP-interacting Adaptor Molecule (RIAM) Protein Controls Invasion and Growth of Melanoma Cells. Journal of Biological Chemistry, 2011, 286, 18492-18504.	3.4	35
75	Clinical Trial Evaluating DC/AML Fusion Cell Vaccination Alone and in Conjunction with PD-1 Blockade in AML Patients Who Achieve a Chemotherapy-Induced Remission. Blood, 2011, 118, 948-948.	1.4	3
76	Addition of Clofarabine to TLI/ATG Conditioning: Impact on Immune Reconstitution and Clinical Outcomes,. Blood, 2011, 118, 4066-4066.	1.4	0
77	Immune Reconstitution After Cord Blood Transplantation in Adults Depends on Activity of Thymic Epithelial Cells and Vascular Endothelial Elements,. Blood, 2011, 118, 4075-4075.	1.4	0
78	Clearance of CMV viremia and survival after double umbilical cord blood transplantation in adults depends on reconstitution of thymopoiesis. Blood, 2010, 115, 4111-4119.	1.4	107
79	Rap1A regulates generation of T regulatory cells via LFA-1-dependent and LFA-1-independent mechanisms. Cellular Immunology, 2010, 266, 7-13.	3.0	16
80	IL-1Î²â€“Mediated Signals Preferentially Drive Conversion of Regulatory T Cells but Not Conventional T Cells into IL-17â€“Producing Cells. Journal of Immunology, 2010, 185, 4148-4153.	0.8	95
81	Targeting Acute Myeloid Leukemia Stem Cells by MUC1-C Subunit Inhibition. Blood, 2010, 116, 848-848.	1.4	1
82	Rap1-GTP Augments Activation of Smad and p38 Mediated Signaling Downstream of TGF-Î² Receptor In T Lymphocytes. Blood, 2010, 116, 956-956.	1.4	0
83	The cyclin dependent kinase inhibitor (R)-roscovitine prevents alloreactive T cell clonal expansion and protects against acute GvHD. Cell Cycle, 2009, 8, 1794-1802.	2.6	30
84	Tob, a member of the APRO family, regulates immunological quiescence and tumor suppression. Cell Cycle, 2009, 8, 1019-1025.	2.6	31
85	RIAM Regulates the Cytoskeletal Distribution and Activation of PLC-Î³1 in T Cells. Science Signaling, 2009, 2, ra79.	3.6	29
86	Dendritic Cell Tumor Fusion Vaccination in Conjunction with Autologous Transplantation for Multiple Myeloma.. Blood, 2009, 114, 783-783.	1.4	2
87	RIAM and RapL Regulate Distinct Signaling Events and Functional Outcomes Upon TCR-Mediated Activation.. Blood, 2009, 114, 3683-3683.	1.4	0
88	Umbilical cord blood transplantation: Basic biology and clinical challenges to immune reconstitution. Clinical Immunology, 2008, 127, 286-297.	3.2	153
89	CD134-Allodepletion Allows Selective Elimination of Alloreactive Human T Cells without Loss of Virus-Specific and Leukemia-Specific Effectors. Biology of Blood and Marrow Transplantation, 2008, 14, 518-530.	2.0	43
90	Mechanisms and consequences of agonist-induced talin recruitment to platelet integrin Î±IIbÎ²3. Journal of Cell Biology, 2008, 181, 1211-1222.	5.2	145

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91	RIAM Regulate Spatio-Temporal Distribution of PLC-Î³1 and Calcium Mobilization during T Cell Activation. Blood, 2008, 112, 673-673.	1.4	0
92	Development of CMV-SPECIFIC Immunity after Cord Blood Transplantation in Adults Depends on Reconstitution of Thymopoiesis and Regeneration of NAÏˆVE CD8+ T Cells. Blood, 2008, 112, 1167-1167.	1.4	0
93	Roscovitine Prevents Alloreactive T Cell Expansion and TNF-a-Mediated Proinflammatory Gene Expression and Protects against GvHD.. Blood, 2008, 112, 2341-2341.	1.4	0
94	Active Rap1, a small GTPase that induces malignant transformation of hematopoietic progenitors, localizes in the nucleus and regulates protein expression. Leukemia and Lymphoma, 2007, 48, 987-1002.	1.3	12
95	Twisted gastrulation (Tsg) is regulated by Tob and enhances TGF-Î² signaling in activated T lymphocytes. Blood, 2007, 109, 2944-2952.	1.4	14
96	Rap1 Regulation of RIAM and Cell Adhesion. Methods in Enzymology, 2006, 407, 345-358.	1.0	23
97	A pathway regulated by cell cycle inhibitor p27Kip1 and checkpoint inhibitor Smad3 is involved in the induction of T cell tolerance. Nature Immunology, 2006, 7, 1157-1165.	14.5	96
98	Physiologic regulation of central and peripheral T cell tolerance: lessons for therapeutic applications. Journal of Molecular Medicine, 2006, 84, 887-899.	3.9	24
99	Reconstructing and Deconstructing Agonist-Induced Activation of Integrin Î±IIbÎ²3. Current Biology, 2006, 16, 1796-1806.	3.9	419
100	CD28 Costimulation Mediates Transcription of SKP2 and CKS1, the Substrate Recognition Components of SCFSkp2 Ubiquitin Ligase That Leads p27kip1 to Degradation. Cell Cycle, 2006, 5, 2123-2129.	2.6	29
101	Effects of Cord Blood Cell Subset Populations in the Development of the Dominant Cord Blood Unit in Non-Myeloablative Sequential Double Cord Blood Transplantation (DCBT).. Blood, 2006, 108, 3148-3148.	1.4	1
102	CD4+CD25+ regulatory T-cell lines from human cord blood have functional and molecular properties of T-cell anergy. Blood, 2005, 106, 3068-3073.	1.4	129
103	Rap1-GTP Is a Negative Regulator of Th Cell Function and Promotes the Generation of CD4+CD103+ Regulatory T Cells In Vivo. Journal of Immunology, 2005, 175, 3133-3139.	0.8	33
104	RIAM, an Ena/VASP and Profilin Ligand, Interacts with Rap1-GTP and Mediates Rap1-Induced Adhesion. Developmental Cell, 2004, 7, 585-595.	7.0	382
105	Lamellipodin, an Ena/VASP Ligand, Is Implicated in the Regulation of Lamellipodial Dynamics. Developmental Cell, 2004, 7, 571-583.	7.0	301
106	Rap1-GTP Promotes the Generation of Regulatory T Cells in Vivo.. Blood, 2004, 104, 110-110.	1.4	2
107	RIAM, a New Rap1 Effector, Functions Downstream of Rap1 and Regulates Rap1 Localization at the Plasma Membrane and Rap1-Induced Adhesion.. Blood, 2004, 104, 510-510.	1.4	0
108	CD4+CD25+ Regulatory T Cells from Cord Blood Have Functional and Molecular Properties of T Cell Anergy.. Blood, 2004, 104, 316-316.	1.4	1

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109	The E3 Ubiquitin Ligase TRIM36, a Transcriptional Target of Tob, Is Expressed in Anergic T Cells and Mediates Unresponsiveness through Proteolysis of Signaling Proteins PLC-Î³1 and PKC-?.. Blood, 2004, 104, 113-113.	1.4	2
110	T cell anergy and costimulation. Immunological Reviews, 2003, 192, 161-180.	6.0	255
111	CD28 Costimulation Mediates Down-Regulation of p27kip1and Cell Cycle Progression by Activation of the PI3K/PKB Signaling Pathway in Primary Human T Cells. Journal of Immunology, 2002, 168, 2729-2736.	0.8	187
112	PD-L2 is a second ligand for PD-1 and inhibits T cell activation. Nature Immunology, 2001, 2, 261-268.	14.5	2,504
113	Tob is a negative regulator of activation that is expressed in anergic and quiescent T cells. Nature Immunology, 2001, 2, 1174-1182.	14.5	250
114	p27kip1 functions as an anergy factor inhibiting interleukin 2 transcription and clonal expansion of alloreactive human and mouse helper T lymphocytes. Nature Medicine, 2000, 6, 290-297.	30.7	216
115	CD28 Costimulation Mediates T Cell Expansion Via IL-2-Independent and IL-2-Dependent Regulation of Cell Cycle Progression. Journal of Immunology, 2000, 164, 144-151.	0.8	178
116	Maintenance of Human T Cell Anergy: Blocking of IL-2 Gene Transcription by Activated Rap1. Science, 1997, 278, 124-128.	12.6	408
117	Ex Vivo Generation of Human Antiâ€“Pre-B Leukemia-Specific Autologous Cytolytic T Cells. Blood, 1997, 90, 549-561.	1.4	125
118	R24 anti-GD3 ganglioside antibody can induce co-stimulation and prevent the induction of alloantigen-specific T cell clonal anergy. European Journal of Immunology, 1996, 26, 2149-2154.	2.9	11
119	The Role of B7-1/B7-2:CD28/CLTA-4 Pathways in the Prevention of Anergy, Induction of Productive Immunity and Down-Regulation of the Immune Response. Immunological Reviews, 1996, 153, 5-26.	6.0	153
120	RIAM. The AFCS-nature Molecule Pages, 0, , .	0.2	0