

Vassiliki A Boussiotis

List of Publications by Year in descending order

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120
papers

11,841
citations

71061

41
h-index

33869

99
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125
all docs

125
docs citations

125
times ranked

16034
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of PD-1 Signaling on Immunometabolic Reprogramming. <i>Immunometabolism</i> , 2022, 4, .	0.7	10
2	Single-cell RNA sequencing reveals evolution of immune landscape during glioblastoma progression. <i>Nature Immunology</i> , 2022, 23, 971-984.	7.0	79
3	The role of peroxisome proliferator-activated receptors (PPAR) in immune responses. <i>Metabolism: Clinical and Experimental</i> , 2021, 114, 154338.	1.5	229
4	Blockade of 6-phosphogluconate dehydrogenase generates CD8+ effector T cells with enhanced anti-tumor function. <i>Cell Reports</i> , 2021, 34, 108831.	2.9	23
5	The PD-1 Interactome. <i>Advanced Biology</i> , 2021, 5, e2100758.	1.4	21
6	Structural, biochemical, and functional properties of the Rap1-Interacting Adaptor Molecule (RIAM). <i>Biomedical Journal</i> , 2021, , .	1.4	3
7	Commentary on: Combination of Metabolic Intervention and T Cell Therapy Enhances Solid Tumor Immunotherapy. <i>Immunometabolism</i> , 2021, 3, .	0.7	2
8	Flow Cytometric Analysis for Identification of the Innate and Adaptive Immune Cells of Murine Lung. <i>Journal of Visualized Experiments</i> , 2021, , .	0.2	1
9	Ppar γ Ablation Suppresses T Cell Responses and Anti-Tumor Immunity By Compromising the Antigen-Presenting Properties of Tumor-Associated Macrophages. <i>Blood</i> , 2021, 138, 438-438.	0.6	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. <i>Bone Marrow Transplantation</i> , 2020, 55, 1821-1823.	1.3	1
11	A phase II study of reduced intensity double umbilical cord blood transplantation using fludarabine, melphalan, and low dose total body irradiation. <i>Bone Marrow Transplantation</i> , 2020, 55, 804-810.	1.3	3
12	Targeted deletion of PD-1 in myeloid cells induces antitumor immunity. <i>Science Immunology</i> , 2020, 5, .	5.6	287
13	PD-1+ Treg cells: a foe in cancer immunotherapy?. <i>Nature Immunology</i> , 2020, 21, 1311-1312.	7.0	24
14	Revisiting the PD-1 pathway. <i>Science Advances</i> , 2020, 6, .	4.7	277
15	Interaction of SHP-2 SH2 domains with PD-1 ITSM induces PD-1 dimerization and SHP-2 activation. <i>Communications Biology</i> , 2020, 3, 128.	2.0	91
16	T Cell Metabolism in Cancer Immunotherapy. <i>Immunometabolism</i> , 2020, 2, .	0.7	16
17	Myeloid-Specific SHP-2 Ablation Induces Robust Anti-Tumor Immunity That Is Not Further Enhanced By PD-1 Blockade. <i>Blood</i> , 2020, 136, 25-26.	0.6	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. <i>Clinical Immunology</i> , 2019, 207, 18-23.	1.4	10

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19	Metabolic Targets for Improvement of Allogeneic Hematopoietic Stem Cell Transplantation and Graft-vs.-Host Disease. <i>Frontiers in Immunology</i> , 2019, 10, 295.	2.2	20
20	IMMU-31. DRIVER GENE MUTATIONS DICTATE THE COMPOSITION OF THE IMMUNE LANDSCAPE OF GLIOBLASTOMA AND CONFER SELECTIVE RESPONSE TO IMMUNOTHERAPY. <i>Neuro-Oncology</i> , 2019, 21, vi125-vi125.	0.6	0
21	Phosphorylation of PD-1-Y248 is a marker of PD-1-mediated inhibitory function in human T cells. <i>Scientific Reports</i> , 2019, 9, 17252.	1.6	20
22	A secreted PD-L1 splice variant that covalently dimerizes and mediates immunosuppression. <i>Cancer Immunology, Immunotherapy</i> , 2019, 68, 421-432.	2.0	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. <i>Blood</i> , 2019, 134, 3275-3275.	0.6	1
24	Immunotherapies for malignant glioma. <i>Oncogene</i> , 2018, 37, 1121-1141.	2.6	108
25	Unraveling Key Players of Humoral Immunity: Advanced and Optimized Lymphocyte Isolation Protocol from Murine Peyer's Patches. <i>Journal of Visualized Experiments</i> , 2018, , .	0.2	2
26	Possible reactivation of chromosomally integrated human herpesvirus 6 after treatment with histone deacetylase inhibitor. <i>Blood Advances</i> , 2018, 2, 1367-1370.	2.5	13
27	Targeting T Cell Metabolism for Improvement of Cancer Immunotherapy. <i>Frontiers in Oncology</i> , 2018, 8, 237.	1.3	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. <i>Blood</i> , 2018, 132, 14-14.	0.6	2
29	RIAM (Rap1-Interactive Adaptor Molecule). , 2018, , 4700-4709.		0
30	The Rap1-RIAM Pathway Regulates the Expression of Integrins $\alpha 7 \beta 1$ (CD103) and $\alpha 4 \beta 7$, Which Guide T Cell Homing to Intestinal Compartments. <i>Blood</i> , 2018, 132, 864-864.	0.6	1
31	The Two SH2 Domains of SHP-2 Bridge Two PD-1 Molecules Resulting in SHP-2 Activation and PD-1-Mediated Inhibition. <i>Blood</i> , 2018, 132, 862-862.	0.6	0
32	The adaptor molecule RIAM integrates signaling events critical for integrin-mediated control of immune function and cancer progression. <i>Science Signaling</i> , 2017, 10, .	1.6	39
33	Feeling stressed? It might be your T cells. <i>Nature Immunology</i> , 2017, 18, 1281-1283.	7.0	2
34	Angiogenic Factors Correlate with T Cell Immune Reconstitution and Clinical Outcomes after Double-Unit Umbilical Cord Blood Transplantation in Adults. <i>Biology of Blood and Marrow Transplantation</i> , 2017, 23, 103-112.	2.0	4
35	Immunometabolic Regulations Mediated by Coinhibitory Receptors and Their Impact on T Cell Immune Responses. <i>Frontiers in Immunology</i> , 2017, 8, 330.	2.2	44
36	Regulation of T Cell Differentiation and Function by EZH2. <i>Frontiers in Immunology</i> , 2016, 7, 172.	2.2	70

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37	The PD1:PD-L1/2 Pathway from Discovery to Clinical Implementation. <i>Frontiers in Immunology</i> , 2016, 7, 550.	2.2	409
38	Individualized vaccination of AML patients in remission is associated with induction of antileukemia immunity and prolonged remissions. <i>Science Translational Medicine</i> , 2016, 8, 368ra171.	5.8	140
39	Clinical significance of T cell metabolic reprogramming in cancer. <i>Clinical and Translational Medicine</i> , 2016, 5, 29.	1.7	69
40	Molecular and Biochemical Aspects of the PD-1 Checkpoint Pathway. <i>New England Journal of Medicine</i> , 2016, 375, 1767-1778.	13.9	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. <i>Blood</i> , 2016, 128, 859-859.	0.6	1
42	Epigenetic regulation of cancer biology and anti-tumor immunity by EZH2. <i>Oncotarget</i> , 2016, 7, 85624-85640.	0.8	44
43	JAK3-mediated phosphorylation of EZH2: a novel mechanism of non-canonical EZH2 activation and oncogenic function. <i>Translational Cancer Research</i> , 2016, 5, S1208-S1211.	0.4	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. <i>Blood</i> , 2016, 128, 552-552.	0.6	0
46	The role of metabolic reprogramming in T cell fate and function. <i>Current Trends in Immunology</i> , 2016, 17, 1-12.	4.0	29
47	Cell-specific PD-L1 expression in DLBCL. <i>Blood</i> , 2015, 126, 2171-2172.	0.6	11
48	PD-1 alters T-cell metabolic reprogramming by inhibiting glycolysis and promoting lipolysis and fatty acid oxidation. <i>Nature Communications</i> , 2015, 6, 6692.	5.8	834
49	BK polyomavirus reactivation after reduced-intensity double umbilical cord blood cell transplantation. <i>Transplant Immunology</i> , 2015, 32, 116-120.	0.6	7
50	PD-1 Inhibits TCR Proximal Signaling By Sequestering SHP-2 Phosphatase and Facilitating Csk-Mediated Inhibitory Phosphorylation of Lck. <i>Blood</i> , 2015, 126, 283-283.	0.6	3
51	IL-7 and SCF Levels Inversely Correlate with T Cell Reconstitution and Clinical Outcomes after Cord Blood Transplantation in Adults. <i>PLoS ONE</i> , 2015, 10, e0132564.	1.1	22
52	Rap1-GTP Augments TGF- β -Mediated Signaling in T Lymphocytes Via a Mechanism Dependent on the β Chain of LFA-1 Integrin. <i>Blood</i> , 2015, 126, 3422-3422.	0.6	0
53	Somatic Mutations and Immunotherapy Outcome with CTLA-4 Blockade in Melanoma. <i>New England Journal of Medicine</i> , 2014, 371, 2230-2232.	13.9	43
54	Biochemical Signaling of PD-1 on T Cells and Its Functional Implications. <i>Cancer Journal (Sudbury)</i> , Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50	1.0	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. <i>Clinical Immunology</i> , 2014, 152, 48-57.	1.4	13
56	The role of the thymus in T-cell immune reconstitution after umbilical cord blood transplantation. <i>Blood</i> , 2014, 124, 3201-3211.	0.6	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. <i>Blood</i> , 2014, 124, 2743-2743.	0.6	5
58	Prognostic Value of TREC, IL-7 and SCF Levels on Clinical Outcomes after Double Umbilical Cord Blood Transplantation in Adults. <i>Blood</i> , 2014, 124, 2488-2488.	0.6	0
59	Delayed Platelet Engraftment after Umbilical Cord Blood Transplant: Relationship to Circulating Levels of Thrombopoietin. <i>Blood</i> , 2014, 124, 3862-3862.	0.6	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- β 1. <i>Blood</i> , 2014, 124, 4138-4138.	0.6	0
61	RIAM (Rap1-interacting adaptor molecule) regulates complement-dependent phagocytosis. <i>Cellular and Molecular Life Sciences</i> , 2013, 70, 2395-2410.	2.4	36
62	The role of IL-17-producing Foxp3+ CD4+ T cells in inflammatory bowel disease and colon cancer. <i>Clinical Immunology</i> , 2013, 148, 246-253.	1.4	70
63	PD-1 Increases PTEN Phosphatase Activity While Decreasing PTEN Protein Stability by Inhibiting Casein Kinase 2. <i>Molecular and Cellular Biology</i> , 2013, 33, 3091-3098.	1.1	152
64	Clinical Trial Evaluating DC/AML Fusion Cell Vaccination In AML Patients. <i>Blood</i> , 2013, 122, 3928-3928.	0.6	7
65	Inhibition Of Cdk2 Promotes The Generation Of Inducible CD8+ T Regulatory Cells By Modulating The Epigenetic Regulator EZH2. <i>Blood</i> , 2013, 122, 138-138.	0.6	0
66	PD-1 inhibits T cell proliferation by upregulating p27 and p15 and suppressing Cdc25A. <i>Cell Cycle</i> , 2012, 11, 4305-4309.	1.3	103
67	Rap1-interacting adapter molecule (RIAM) associates with the plasma membrane via a proximity detector. <i>Journal of Cell Biology</i> , 2012, 199, 317-329.	2.3	54
68	Selective Effects of PD-1 on Akt and Ras Pathways Regulate Molecular Components of the Cell Cycle and Inhibit T Cell Proliferation. <i>Science Signaling</i> , 2012, 5, ra46.	1.6	411
69	Runx1 and Runx3 Are Involved in the Generation and Function of Highly Suppressive IL-17-Producing T Regulatory Cells. <i>PLoS ONE</i> , 2012, 7, e45115.	1.1	37
70	Blockade of PD-1 in Combination with Dendritic Cell/Myeloma Fusion Cell Vaccination Following Autologous Stem Cell Transplantation. <i>Blood</i> , 2012, 120, 578-578.	0.6	3
71	Targeting Leukemia Initiating Cells by MUC1-C Subunit Inhibition. <i>Blood</i> , 2012, 120, 3583-3583.	0.6	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. <i>Blood</i> , 2012, 120, 4174-4174.	0.6	0

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73	Molecular and functional heterogeneity of T regulatory cells. <i>Clinical Immunology</i> , 2011, 141, 244-252.	1.4	28
74	Rap1-GTP-interacting Adaptor Molecule (RIAM) Protein Controls Invasion and Growth of Melanoma Cells. <i>Journal of Biological Chemistry</i> , 2011, 286, 18492-18504.	1.6	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. <i>Blood</i> , 2011, 118, 948-948.	0.6	3
76	Addition of Clofarabine to TLI/ATG Conditioning: Impact on Immune Reconstitution and Clinical Outcomes. <i>Blood</i> , 2011, 118, 4066-4066.	0.6	0
77	Immune Reconstitution After Cord Blood Transplantation in Adults Depends on Activity of Thymic Epithelial Cells and Vascular Endothelial Elements. <i>Blood</i> , 2011, 118, 4075-4075.	0.6	0
78	Clearance of CMV viremia and survival after double umbilical cord blood transplantation in adults depends on reconstitution of thymopoiesis. <i>Blood</i> , 2010, 115, 4111-4119.	0.6	107
79	Rap1A regulates generation of T regulatory cells via LFA-1-dependent and LFA-1-independent mechanisms. <i>Cellular Immunology</i> , 2010, 266, 7-13.	1.4	16
80	IL-1 β -Mediated Signals Preferentially Drive Conversion of Regulatory T Cells but Not Conventional T Cells into IL-17-Producing Cells. <i>Journal of Immunology</i> , 2010, 185, 4148-4153.	0.4	95
81	Targeting Acute Myeloid Leukemia Stem Cells by MUC1-C Subunit Inhibition. <i>Blood</i> , 2010, 116, 848-848.	0.6	1
82	Rap1-GTP Augments Activation of Smad and p38 Mediated Signaling Downstream of TGF- β 2 Receptor In T Lymphocytes. <i>Blood</i> , 2010, 116, 956-956.	0.6	0
83	The cyclin dependent kinase inhibitor (R)-roscovitine prevents alloreactive T cell clonal expansion and protects against acute GvHD. <i>Cell Cycle</i> , 2009, 8, 1794-1802.	1.3	30
84	Tob, a member of the APRO family, regulates immunological quiescence and tumor suppression. <i>Cell Cycle</i> , 2009, 8, 1019-1025.	1.3	31
85	RIAM Regulates the Cytoskeletal Distribution and Activation of PLC- γ 3 in T Cells. <i>Science Signaling</i> , 2009, 2, ra79.	1.6	29
86	Dendritic Cell Tumor Fusion Vaccination in Conjunction with Autologous Transplantation for Multiple Myeloma. <i>Blood</i> , 2009, 114, 783-783.	0.6	2
87	RIAM and RapL Regulate Distinct Signaling Events and Functional Outcomes Upon TCR-Mediated Activation. <i>Blood</i> , 2009, 114, 3683-3683.	0.6	0
88	Umbilical cord blood transplantation: Basic biology and clinical challenges to immune reconstitution. <i>Clinical Immunology</i> , 2008, 127, 286-297.	1.4	153
89	CD134-Allodepletion Allows Selective Elimination of Alloreactive Human T Cells without Loss of Virus-Specific and Leukemia-Specific Effectors. <i>Biology of Blood and Marrow Transplantation</i> , 2008, 14, 518-530.	2.0	43
90	Mechanisms and consequences of agonist-induced talin recruitment to platelet integrin α IIb β 3. <i>Journal of Cell Biology</i> , 2008, 181, 1211-1222.	2.3	145

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91	RIAM Regulate Spatio-Temporal Distribution of PLC- β 1 and Calcium Mobilization during T Cell Activation. <i>Blood</i> , 2008, 112, 673-673.	0.6	0
92	Development of CMV-SPECIFIC Immunity after Cord Blood Transplantation in Adults Depends on Reconstitution of Thymopoiesis and Regeneration of NAIVE CD8+ T Cells. <i>Blood</i> , 2008, 112, 1167-1167.	0.6	0
93	Roscovitine Prevents Alloreactive T Cell Expansion and TNF- α -Mediated Proinflammatory Gene Expression and Protects against GvHD.. <i>Blood</i> , 2008, 112, 2341-2341.	0.6	0
94	Active Rap1, a small GTPase that induces malignant transformation of hematopoietic progenitors, localizes in the nucleus and regulates protein expression. <i>Leukemia and Lymphoma</i> , 2007, 48, 987-1002.	0.6	12
95	Twisted gastrulation (Tsg) is regulated by Tob and enhances TGF- β 2 signaling in activated T lymphocytes. <i>Blood</i> , 2007, 109, 2944-2952.	0.6	14
96	Rap1 Regulation of RIAM and Cell Adhesion. <i>Methods in Enzymology</i> , 2006, 407, 345-358.	0.4	23
97	A pathway regulated by cell cycle inhibitor p27Kip1 and checkpoint inhibitor Smad3 is involved in the induction of T cell tolerance. <i>Nature Immunology</i> , 2006, 7, 1157-1165.	7.0	96
98	Physiologic regulation of central and peripheral T cell tolerance: lessons for therapeutic applications. <i>Journal of Molecular Medicine</i> , 2006, 84, 887-899.	1.7	24
99	Reconstructing and Deconstructing Agonist-Induced Activation of Integrin β 1 β 3. <i>Current Biology</i> , 2006, 16, 1796-1806.	1.8	419
100	CD28 Costimulation Mediates Transcription of SKP2 and CKS1, the Substrate Recognition Components of SCFSkp2 Ubiquitin Ligase That Leads p27kip1 to Degradation. <i>Cell Cycle</i> , 2006, 5, 2123-2129.	1.3	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).. <i>Blood</i> , 2006, 108, 3148-3148.	0.6	1
102	CD4+CD25+ regulatory T-cell lines from human cord blood have functional and molecular properties of T-cell anergy. <i>Blood</i> , 2005, 106, 3068-3073.	0.6	129
103	Rap1-GTP Is a Negative Regulator of Th Cell Function and Promotes the Generation of CD4+CD103+ Regulatory T Cells In Vivo. <i>Journal of Immunology</i> , 2005, 175, 3133-3139.	0.4	33
104	RIAM, an Ena/VASP and Profilin Ligand, Interacts with Rap1-GTP and Mediates Rap1-Induced Adhesion. <i>Developmental Cell</i> , 2004, 7, 585-595.	3.1	382
105	Lamellipodin, an Ena/VASP Ligand, Is Implicated in the Regulation of Lamellipodial Dynamics. <i>Developmental Cell</i> , 2004, 7, 571-583.	3.1	301
106	Rap1-GTP Promotes the Generation of Regulatory T Cells in Vivo.. <i>Blood</i> , 2004, 104, 110-110.	0.6	2
107	RIAM, a New Rap1 Effector, Functions Downstream of Rap1 and Regulates Rap1 Localization at the Plasma Membrane and Rap1-Induced Adhesion.. <i>Blood</i> , 2004, 104, 510-510.	0.6	0
108	CD4+CD25+ Regulatory T Cells from Cord Blood Have Functional and Molecular Properties of T Cell Anergy.. <i>Blood</i> , 2004, 104, 316-316.	0.6	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- γ 1 and PKC- ζ . Blood, 2004, 104, 113-113.	0.6	2
110	T cell anergy and costimulation. Immunological Reviews, 2003, 192, 161-180.	2.8	255
111	CD28 Costimulation Mediates Down-Regulation of p27 ^{kip1} and Cell Cycle Progression by Activation of the PI3K/PKB Signaling Pathway in Primary Human T Cells. Journal of Immunology, 2002, 168, 2729-2736.	0.4	187
112	PD-L2 is a second ligand for PD-1 and inhibits T cell activation. Nature Immunology, 2001, 2, 261-268.	7.0	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.	7.0	250
114	p27 ^{kip1} 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.	15.2	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.	0.4	178
116	Maintenance of Human T Cell Anergy: Blocking of IL-2 Gene Transcription by Activated Rap1. Science, 1997, 278, 124-128.	6.0	408
117	Ex Vivo Generation of Human Anti-Pre-B Leukemia-Specific Autologous Cytolytic T Cells. Blood, 1997, 90, 549-561.	0.6	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.	1.6	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.	2.8	153
120	RIAM. The AFCS-nature Molecule Pages, 0, , .	0.2	0