

Yoshiro Kobayashi

List of Publications by Year in descending order

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64
papers

2,301
citations

257450

24
h-index

214800

47
g-index

66
all docs

66
docs citations

66
times ranked

3950
citing authors

#	ARTICLE	IF	CITATIONS
1	The role of chemokines in neutrophil biology. <i>Frontiers in Bioscience - Landmark</i> , 2008, 13, 2400.	3.0	475
2	The regulatory role of nitric oxide in proinflammatory cytokine expression during the induction and resolution of inflammation. <i>Journal of Leukocyte Biology</i> , 2010, 88, 1157-1162.	3.3	242
3	Silent Cleanup of Very Early Apoptotic Cells by Macrophages. <i>Journal of Immunology</i> , 2003, 171, 4672-4679.	0.8	167
4	Neutrophil Infiltration and Chemokines. <i>Critical Reviews in Immunology</i> , 2006, 26, 307-316.	0.5	152
5	Mechanism of apoptosis induced by a lysosomotropic agent, L-Leucyl-L-Leucine methyl ester. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 1999, 4, 357-362.	4.9	95
6	Production of Proinflammatory Cytokines by Resident Tissue Macrophages after Phagocytosis of Apoptotic Cells. <i>Cellular Immunology</i> , 2001, 211, 1-7.	3.0	67
7	Myocardial apoptosis associated with the expression of proinflammatory cytokines during the course of myocardial infarction. <i>Modern Pathology</i> , 2006, 19, 588-598.	5.5	66
8	Inhibition by adiponectin of IL-8 production by human macrophages upon coculturing with late apoptotic cells. <i>Biochemical and Biophysical Research Communications</i> , 2005, 334, 1180-1183.	2.1	63
9	Integrin $\alpha 5 \beta 3$ regulates thrombopoietin-mediated maintenance of hematopoietic stem cells. <i>Blood</i> , 2012, 119, 83-94.	1.4	63
10	Interaction of Phagocytes with Apoptotic Cells Leads to Production of Pro-inflammatory Cytokines. <i>Biochemical and Biophysical Research Communications</i> , 1997, 239, 799-803.	2.1	50
11	Transient infiltration of neutrophils into the thymus in association with apoptosis induced by whole-body X-irradiation. <i>Journal of Leukocyte Biology</i> , 2000, 67, 780-784.	3.3	50
12	Cytokine production by macrophages in association with phagocytosis of etoposide-treated P388 cells in vitro and in vivo. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2001, 1541, 221-230.	4.1	50
13	Effects of Kupffer cell-depletion on Concanavalin A-induced hepatitis. <i>Cellular Immunology</i> , 2008, 251, 25-30.	3.0	44
14	Expression of Integrin $\alpha 5 \beta 3$ Is Correlated to the Properties of Quiescent Hemopoietic Stem Cells Possessing the Side Population Phenotype. <i>Journal of Immunology</i> , 2006, 177, 7733-7739.	0.8	43
15	Induction of apoptosis of activated murine splenic T cells by cycloprodiginosin hydrochloride, a novel immunosuppressant. <i>Immunopharmacology</i> , 2000, 46, 29-37.	2.0	42
16	A novel accessory role of neutrophils in concanavalin A-induced hepatitis. <i>Cellular Immunology</i> , 2005, 233, 23-29.	3.0	35
17	Neutrophil biology: an update. <i>EXCLI Journal</i> , 2015, 14, 220-7.	0.7	34
18	Neutrophils Accelerate Macrophage-Mediated Digestion of Apoptotic Cells In Vivo as Well as In Vitro. <i>Journal of Immunology</i> , 2005, 175, 3475-3483.	0.8	31

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19	Activation of extracellular signal-regulated kinase 1/2 is involved in production of CXC-chemokine by macrophages during phagocytosis of late apoptotic cells. <i>Biochemical and Biophysical Research Communications</i> , 2003, 306, 1070-1074.	2.1	30
20	Processing and release of tumor necrosis factor alpha. <i>FEBS Journal</i> , 1998, 253, 576-582.	0.2	29
21	Potential roles of DNA methylation in the initiation and establishment of replicative senescence revealed by array-based methylome and transcriptome analyses. <i>PLoS ONE</i> , 2017, 12, e0171431.	2.5	29
22	Involvement of KC, MIP-2, and MCP-1 in leukocyte infiltration following injection of necrotic cells into the peritoneal cavity. <i>Biochemical and Biophysical Research Communications</i> , 2007, 361, 533-536.	2.1	26
23	CD61 enriches long-term repopulating hematopoietic stem cells. <i>Biochemical and Biophysical Research Communications</i> , 2008, 365, 176-182.	2.1	25
24	Potential by human serum of anti-inflammatory cytokine production by human macrophages in response to apoptotic cells. <i>Journal of Leukocyte Biology</i> , 2002, 71, 950-6.	3.3	25
25	Cutting Edge: A Critical Role of Nitrogen Oxide in Preventing Inflammation upon Apoptotic Cell Clearance. <i>Journal of Immunology</i> , 2007, 179, 3407-3411.	0.8	22
26	Infiltrating neutrophils induce allospecific CTL in response to immunization with apoptotic cells via MCP-1 production. <i>Journal of Leukocyte Biology</i> , 2007, 81, 412-420.	3.3	22
27	Regulation of the estrous cycle by neutrophil infiltration into the vagina. <i>Biochemical and Biophysical Research Communications</i> , 2009, 382, 35-40.	2.1	22
28	Annexins I and IV inhibit <i>Staphylococcus aureus</i> attachment to human macrophages. <i>Immunology Letters</i> , 2005, 98, 297-302.	2.5	21
29	A suppressive role of nitric oxide in MIP-2 production by macrophages upon coculturing with apoptotic cells. <i>Journal of Leukocyte Biology</i> , 2006, 80, 744-752.	3.3	18
30	Attenuated phagocytosis of secondary necrotic neutrophils by macrophages in aged and SMP30 knockout mice. <i>Geriatrics and Gerontology International</i> , 2016, 16, 135-142.	1.5	18
31	Cytokine production by M-CSF- and GM-CSF-induced mouse bone marrow-derived macrophages upon coculturing with late apoptotic cells. <i>Cellular Immunology</i> , 2008, 251, 124-130.	3.0	16
32	Nectin-3 expression is elevated in limbal epithelial side population cells with strongly expressed stem cell markers. <i>Biochemical and Biophysical Research Communications</i> , 2009, 389, 274-278.	2.1	16
33	Interleukin-9 receptor gene is transcriptionally regulated by nucleolin in T-cell lymphoma cells. <i>Molecular Carcinogenesis</i> , 2012, 51, 619-627.	2.7	15
34	Tumor cytostasis mediated by LPS- or PSK-activated human plastic-adherent peripheral blood mononuclear cells. <i>Cellular Immunology</i> , 1992, 144, 358-366.	3.0	14
35	Neutrophils and monocytes transport tumor cell antigens from the peritoneal cavity to secondary lymphoid tissues. <i>Biochemical and Biophysical Research Communications</i> , 2008, 377, 589-594.	2.1	14
36	The importance of infiltrating neutrophils in SDF-1 production leading to regeneration of the thymus after whole-body X-irradiation. <i>Cellular Immunology</i> , 2011, 268, 24-28.	3.0	14

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37	Regulation of the Estrous Cycle by Neutrophils via Opioid Peptides. <i>Journal of Immunology</i> , 2011, 187, 774-780.	0.8	13
38	Suppression of MIP-2 or IL-8 production by annexins A1 and A4 during coculturing of macrophages with late apoptotic human peripheral blood neutrophils. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2012, 1822, 204-211.	3.8	13
39	Aberrant activation of interleukin-9 receptor and downstream Stat3/5 in primary T-cell lymphomas in vivo in susceptible B6 and resistant C3H mice. <i>In Vivo</i> , 2008, 22, 713-20.	1.3	12
40	Comparison of Reactivity of Monoclonal Antibody (3F2) to Trimeric Tumor Necrosis Factor (TNF- $\hat{\pm}$) with That to Monomeric TNF- $\hat{\pm}$ 1. <i>Journal of Biochemistry</i> , 1995, 118, 28-32.	1.7	10
41	Elevated interleukin-9 receptor expression and response to interleukins-9 and -7 in thymocytes during radiation-induced T-cell lymphomagenesis in B6C3F1 mice. <i>Journal of Cellular Physiology</i> , 2004, 198, 82-90.	4.1	10
42	Skewing of peritoneal resident macrophages toward M1-like is involved in enhancement of inflammatory responses induced by secondary necrotic neutrophils in aged mice. <i>Cellular Immunology</i> , 2016, 304-305, 44-48.	3.0	10
43	Regulation of the processing and release of tumor necrosis factor $\hat{\pm}$ in a human macrophage cell line. <i>Journal of Leukocyte Biology</i> , 1999, 66, 968-973.	3.3	9
44	Cell-Type Specificity of l-Leucyl l-Leucine Methyl Ester. <i>Biochemical and Biophysical Research Communications</i> , 2000, 272, 687-690.	2.1	9
45	Increased mobilization of c-kit+ Sca-1+ Lin $\hat{\pm}$ (KSL) cells and colony-forming units in spleen (CFU-S) following de novo formation of a stem cell niche depends on dynamic, but not stable, membranous ossification. <i>Journal of Cellular Physiology</i> , 2006, 208, 188-194.	4.1	9
46	Complicated biallelic inactivation of Pten in radiation-induced mouse thymic lymphomas. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2010, 686, 30-38.	1.0	9
47	The mechanism underlying the appearance of late apoptotic neutrophils and subsequent TNF- $\hat{\pm}$ production at a late stage during <i>Staphylococcus aureus</i> bioparticle-induced peritoneal inflammation in inducible NO synthase-deficient mice. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2010, 1802, 1105-1111.	3.8	9
48	Immature dendritic cells reduce proinflammatory cytokine production by a coculture of macrophages and apoptotic cells in a cell-to-cell contact-dependent manner. <i>Journal of Leukocyte Biology</i> , 2004, 75, 865-873.	3.3	6
49	Apoptotic neutrophils and nitric oxide regulate cytokine production by IFN- $\hat{3}$ -stimulated macrophages. <i>Cytokine</i> , 2011, 53, 191-195.	3.2	5
50	Mechanism underlying silent cleanup of apoptotic cells. <i>Microbiology and Immunology</i> , 2011, 55, 71-75.	1.4	5
51	MODULATION BY LIPOPOLYSACCHARIDE OF INFLAMMATORY CYTOKINE PRODUCTION BY TWO T CELL LINES. <i>Cytokine</i> , 1997, 9, 727-733.	3.2	4
52	Changes in the function and phenotype of resident peritoneal macrophages after housing in an enriched environment. <i>International Immunopharmacology</i> , 2018, 65, 44-49.	3.8	4
53	Discrimination of Early and Late Apoptotic Cells by NBD-phosphatidylserine-labelling and Time-lapse Observation of Phagocytosis of Apoptotic Cells by Macrophages. <i>Journal of Biochemistry</i> , 2006, 141, 301-307.	1.7	3
54	The Novel Roles of Neutrophils Via Opioid Peptides: Regulation of the Estrous Cycle and Pain. <i>Archivum Immunologiae Et Therapiae Experimentalis</i> , 2013, 61, 187-191.	2.3	3

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55	Suppression of macrophage-mediated phagocytosis of apoptotic cells by soluble β -glucan due to a failure of PKC- ζ translocation. <i>International Immunopharmacology</i> , 2016, 31, 195-199.	3.8	3
56	Age-related dysfunction of p53-regulated phagocytic activity in macrophages. <i>Biochemical and Biophysical Research Communications</i> , 2020, 529, 462-466.	2.1	3
57	Presence of a Cytoplasmic Retention Sequence within the Human Interleukin-1 β Precursor. <i>Zoological Science</i> , 2005, 22, 891-896.	0.7	2
58	Transient infiltration of neutrophils into the thymus following whole-body X-ray irradiation in IL-10 knockout mice. <i>Biochemical and Biophysical Research Communications</i> , 2008, 369, 432-436.	2.1	2
59	Specific detection of intramitochondrial superoxide produced by either cell activation or apoptosis by employing a newly developed cell-permeative lucigenin derivative, 10,10-dimethyl-9,9-biacridinium bis(monomethyl terephthalate). <i>Free Radical Biology and Medicine</i> , 2013, 65, 1005-1011.	2.9	1
60	Kinetics of cytokine mRNA and protein expression by plastic adherent cells in the thymus after split-dose irradiation. <i>Cytokine</i> , 2019, 114, 92-97.	3.2	1
61	Current Trends of Neutrophil Biology. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9071.	4.1	1
62	Characterization of a cDNA Encoding Guinea Pig I3 Associated with the Delayed-Type Hypersensitivity Reaction. <i>Zoological Science</i> , 2009, 26, 617-622.	0.7	0
63	CD61/ Integrin α 3 Ligation Contributes to the Thrombopoietin-Mediated Niche Function of Mouse Hematopoietic Stem Cells. <i>Blood</i> , 2009, 114, 383-383.	1.4	0
64	Editorial: The Effects of Enriched Environment on NK cells and Macrophages and Their Underlying Mechanisms. <i>Frontiers in Immunology</i> , 2022, 13, 862488.	4.8	0