TIM-1 and TIM-4 Glycoproteins Bind Phosphatidylserin Cells

Immunity 27, 927-940 DOI: 10.1016/j.immuni.2007.11.011

Citation Report

#	Article	IF	CITATIONS
1	Protection One Cell Thick. Immunity, 2007, 27, 832-834.	6.6	2
2	Apoptotic PS to Phagocyte TIM-4: Eat Me. Immunity, 2007, 27, 830-832.	6.6	38
3	Structures of T Cell Immunoglobulin Mucin Protein 4 Show a Metal-Ion-Dependent Ligand Binding Site where Phosphatidylserine Binds. Immunity, 2007, 27, 941-951.	6.6	206
4	New roles for TIM family members in immune regulation. Nature Reviews Immunology, 2008, 8, 577-580.	10.6	121
5	Differential Dependence of the Ingestion of Necrotic Cells and TNFâ€Î±â€Š/ ILâ€1β Production by Murine Macrophages on Lipid Rafts. Scandinavian Journal of Immunology, 2008, 68, 423-429.	1.3	11
6	Phagocytic Signaling: You Can Touch, but You Can't Eat. Current Biology, 2008, 18, R521-R524.	1.8	42
7	Increased accumulation of neutrophils and decreased fibrosis in the lung of NADPH oxidase-deficient C57BL/6 mice exposed to carbon nanotubes. Toxicology and Applied Pharmacology, 2008, 231, 235-240.	1.3	94
9	TIM-1 and TIM-3 proteins in immune regulation. Cytokine, 2008, 44, 9-13.	1.4	61
10	TIM-4 Expressed on APCs Induces T Cell Expansion and Survival. Journal of Immunology, 2008, 180, 4706-4713.	0.4	96
11	NADPH Oxidase-dependent Generation of Lysophosphatidylserine Enhances Clearance of Activated and Dying Neutrophils via G2A. Journal of Biological Chemistry, 2008, 283, 33736-33749.	1.6	97
12	Transcriptional and Translational Regulation of TGF-β Production in Response to Apoptotic Cells. Journal of Immunology, 2008, 181, 3575-3585.	0.4	113
13	Kim-1/Tim-1: from biomarker to therapeutic target?. Nephrology Dialysis Transplantation, 2008, 23, 3394-3396.	0.4	27
14	Apoptotic Cell-Mediated Immunoregulation of Dendritic Cells Does Not Require iC3b Opsonization. Journal of Immunology, 2008, 181, 3018-3026.	0.4	7
15	Relevance of granulocyte apoptosis to resolution of inflammation at the respiratory mucosa. Mucosal Immunology, 2008, 1, 350-363.	2.7	69
16	Immunology, Phenotype First: How Mutations Have Established New Principles and Pathways in Immunology. Current Topics in Microbiology and Immunology, 2008, , .	0.7	2
17	PROGRAMMED Cell Clearance: Molecular Mechanisms and Role in Autoimmune Disease, Chronic Inflammation, and Anti-Cancer Immune Responses. Current Immunology Reviews, 2008, 4, 53-69.	1.2	15
18	Role of Phosphatidyl-Serine in Bone Repair and Its Technological Exploitation. Molecules, 2009, 14, 5367-5381.	1.7	47
19	Cell Surface Externalization of Annexin A1 as a Failsafe Mechanism Preventing Inflammatory Responses during Secondary Necrosis. Journal of Immunology, 2009, 183, 8138-8147.	0.4	66

TATION REPO

#	Article	IF	CITATIONS
20	A New Triggering Receptor Expressed on Myeloid Cells (Trem) Family Member, Trem-Like 4, Binds to Dead Cells and Is a DNAX Activation Protein 12-Linked Marker for Subsets of Mouse Macrophages and Dendritic Cells. Journal of Immunology, 2009, 182, 1278-1286.	0.4	50
21	Induction of caspase- and reactive oxygen species-independent phosphatidylserine externalization in primary human neutrophils: role in macrophage recognition and engulfment. Journal of Leukocyte Biology, 2009, 85, 427-437.	1.5	39
22	Inhibitory effects of persistent apoptotic cells on monoclonal antibody production in vitro. MAbs, 2009, 1, 370-376.	2.6	21
23	Appraising the apoptotic mimicry model and the role of phospholipids for poxvirus entry. Proceedings of the United States of America, 2009, 106, 17517-17521.	3.3	63
24	Clearance of Apoptotic Neutrophils Is Diminished in Cord Blood Monocytes and Does Not Lead to Reduced IL-8 Production. Pediatric Research, 2009, 66, 507-512.	1.1	19
25	Reduction of proteinuria in adriamycin-induced nephropathy is associated with reduction of renal kidney injury molecule (Kim-1) over time. American Journal of Physiology - Renal Physiology, 2009, 296, F1136-F1145.	1.3	75
26	Novel Subset of CD8α+ Dendritic Cells Localized in the Marginal Zone Is Responsible for Tolerance to Cell-Associated Antigens. Journal of Immunology, 2009, 182, 4127-4136.	0.4	176
27	Recognition of Live Phosphatidylserine-Labeled Tumor Cells by Dendritic Cells: A Novel Approach to Immunotherapy of Skin Cancer. Cancer Research, 2009, 69, 2487-2496.	0.4	12
28	The Phosphatidylserine Receptor TIM-4 Does Not Mediate Direct Signaling. Current Biology, 2009, 19, 346-351.	1.8	136
29	Role of microglia in neuronal degeneration and regeneration. Seminars in Immunopathology, 2009, 31, 513-525.	2.8	126
30	Interaction of human peripheral blood monocytes with apoptotic polymorphonuclear cells. Immunology, 2009, 128, 103-113.	2.0	44
31	The macrophage marches on its phagosome: dynamic assays of phagosome function. Nature Reviews Immunology, 2009, 9, 594-600.	10.6	168
32	The costimulatory role of TIM molecules. Immunological Reviews, 2009, 229, 259-270.	2.8	195
33	Sequence, structure, function, immunity: structural genomics of costimulation. Immunological Reviews, 2009, 229, 356-386.	2.8	83
34	Mechanisms of costimulation. Immunological Reviews, 2009, 229, 5-11.	2.8	293
35	The ins and outs of phospholipid asymmetry in the plasma membrane: roles in health and disease. Critical Reviews in Biochemistry and Molecular Biology, 2009, 44, 264-277.	2.3	322
36	Systemic presence and tumor-growth promoting effect of ovarian carcinoma released exosomes. Cancer Letters, 2009, 278, 73-81.	3.2	265
37	CD47 promotes both phosphatidylserine-independent and phosphatidylserine-dependent phagocytosis of apoptotic murine thymocytes by non-activated macrophages. Biochemical and Biophysical Research Communications, 2009, 387, 58-63.	1.0	33

Article		IF	Citations
Microglial clearance function in health and disease. Neuroscience, 2009, 158, 1030-1038.		1.1	267
Apoptotic Cells for Therapy of Transplant Rejection. , 2009, , 319-346.			0
Impairing oral tolerance promotes allergy and anaphylaxis: A new murine food allergy model. Jou of Allergy and Clinical Immunology, 2009, 123, 231-238.e4.	rnal	1.5	145
Dendritic cells as targets for therapy in rheumatoid arthritis. Nature Reviews Rheumatology, 200 566-571.	9, 5,	3.5	103
Genome-wide association analysis of susceptibility and clinical phenotype in multiple sclerosis. H Molecular Genetics, 2009, 18, 767-778.	luman	1.4	419
Signalling Pathway Involving GULP, MAPK and Rac1 for SR-BI-Induced Phagocytosis of Apoptotic Journal of Biochemistry, 2009, 145, 387-394.	Cells.	0.9	39
Extracorporeal photopheresis-induced immune tolerance: a focus on modulation of antigen-presenting cells and induction of regulatory T cells by apoptotic cells. Current Opinion ir Organ Transplantation, 2009, 14, 338-343.	1	0.8	51
Phospholipids: Key Players in Apoptosis and Immune Regulation. Molecules, 2009, 14, 4892-491	4.	1.7	126
Tim-3 mediates phagocytosis of apoptotic cells and cross-presentation. Blood, 2009, 113, 3821-	3830.	0.6	353
Mitochondrial defects lie at the basis of neutropenia in Barth syndrome. Current Opinion in Hematology, 2009, 16, 14-19.		1.2	29
A whodunit: an appointment with death. Current Opinion in Immunology, 2010, 22, 94-108.		2.4	8
Microenvironmental influences of apoptosis inÂvivo and inÂvitro. Apoptosis: an International Jou on Programmed Cell Death, 2010, 15, 1029-1049.	irnal	2.2	89
Phosphatidylserine targeting for diagnosis and treatment of human diseases. Apoptosis: an International Journal on Programmed Cell Death, 2010, 15, 1072-1082.		2.2	166
A model to die for: signaling to apoptotic cell removal in worm, fly and mouse. Apoptosis: an International Journal on Programmed Cell Death, 2010, 15, 998-1006.		2.2	44
Mechanisms of failed apoptotic cell clearance by phagocyte subsets in cardiovascular disease. Apoptosis: an International Journal on Programmed Cell Death, 2010, 15, 1124-1136.		2.2	63
The reciprocal influences of asthma and obesity on lung function, AHR and bronchial inflammatic prepubertal children. Paediatric Respiratory Reviews, 2010, 11, S2-S3.	on in	1.2	0
Kidney injury molecule-1 (KIM-1): a novel kidney-specific injury molecule playing potential double functions in kidney injury. Transplantation Reviews, 2010, 24, 143-146.	e-edged	1.2	87
Engulfment of Apoptotic Cells in C. elegans Is Mediated by Integrin α/SRC Signaling. Current Bic 2010, 20, 477-486.	ology,	1.8	82
	 Microglial clearance function in health and disease. Neuroscience, 2009, 158, 1030-1038. Apoptotic Cells for Therapy of Transplant Rejection. , 2009, , 319-346. Impairing oral tolerance promotes allergy and anaphylaxis: A new murine food allergy model. Jou of Allergy and Clinical Immunology, 2009, 123, 231-238.e4. Dendritic cells as targets for therapy in rheumatoid arthritis. Nature Reviews Rheumatology, 2005 66-571. Genome-wide association analysis of susceptibility and clinical phenotype in multiple sclerosis. H Molecular Genetics, 2009, 13, 767-778. Signalling Pathway Involving CLUP, MAPK and Rac1 for SR-Bi-Induced Phagocytosis of Apoptotic primari of Biochemistry. 2009, 145, 338-394. Extracorporeal photopheresis-induced immune tolerance: a focus on modulation of antigen-presenting cells and induction of regulatory T cells by apoptotic cells. Current Opinion in Organ Transplantation, 2009, 14, 338-343. Phospholipids: Key Players in Apoptosis and Immune Regulation. Molecules, 2009, 14, 4892-491 Tim-3 mediates phagocytosis of apoptotic cells and cross-presentation. Blood, 2009, 113, 3821- Mitochondrial defects lie at the basis of neutropenia in Barth syndrome. Current Opinion in Hematology, 2009, 16, 14-19. A whodunit: an appointment with death. Current Opinion in Immunology, 2010, 22, 94-108. Microenvironmental Influences of apoptotic cell removal in Nortro. Apoptosis: an International Jou on Programmed Cell Death, 2010, 15, 1029-1049. Phosphatidylserine targeting for diagnosis and treatment of human diseases. Apoptosis: an International Joural on Programmed Cell Death, 2010, 15, 1029-1049. Phosphatidylserine targeting for diagnosis and treatment of human diseases. Apoptosis: an International Joural on Programmed Cell Death, 2010, 15, 1029-1049. Phosphatidylserine targeting for diagnosis and treatment of human diseases. Apoptosis: an International Joural on Programmed Cell De	Microglial clearance function in health and disease. Neuroscience, 2009, 158, 1030-1038. Apoptotic Cells for Therapy of Transplant Rejection., 2009, , 319-346. Impairing oral tolerance promotes allergy and anaphylaxis: A new murine food allergy model. Journal of Allergy and Clinical Immunology, 2009, 123, 231-238, e4. Dendritic cells as targets for therapy in rheumatoid arthritis. Nature Reviews Rheumatology, 2009, 5, 566-571. Cenome-wide association analysis of susceptibility and clinical phenotype in multiple sciences. Human Microglial Deathway Involving CULP, MAPK and Rac1 for SR-Bi-Induced Phagocytosis of Apoptotic Cells. Estracorporal photopheresis-induced immune tolerance: a focus on modulation of antigen presenting cells and induction of regulatory T cells by apoptotic cells. Current Opinion in Organ Transplantation, 2009, 14, 338-343. Phospholipids: Key Players in Apoptosis and Immune Regulation. Molecules, 2009, 14, 4892-4914. Tim-3 mediates phagocytosis of apoptotic cells and cross-presentation. Blood, 2009, 113, 3821-3830. Mitochondrial defects lie at the basis of neutropenia in Barth syndrome. Current Opinion in Organ Transplantation, 2009, 16, 14-19. A whodunit: an appointment with death. Current Opinion in Immunology, 2010, 22, 94-108. Microenvironmental Influences of apoptosis individe and indivitro. Apoptosis: an International Journal on Programmed Cell Death, 2010, 15, 1029-1049. Phosphatidylesrine targeting for diagnosis and treatment of human diseases. Apoptosis: an International Journal on Programmed Cell Death, 2010, 15, 1072-1082. Anodel to die for: signaling to apoptotic cell removal in worm, fly and mouse. Apoptosis: an International Journal on Programmed Cell Death, 2010, 15, 1998-1006. Mechanisms of failed apoptotic cell clearance by phagocyte subsets in cardiovascular disease. Apoptosis: an International Journal on Programmed Cell Death, 2010, 15, 2253. Kidney Injury molecule-1 (KIM-1); a novel kidney-specific injury molecule playing potential double-edged fun	Microglial clearance function in health and disease. Neuroscience, 2009, 158, 1030-1038. 1.1 Apoptotic Cells for Therapy of Transplant Rejection., 2009,, 319-346. 1.5 Impairing oral tolerance promotes allergy and anaphylaxis. A new murine food allergy model. Journal of Allergy and Clinical Immunology, 2009, 123, 231-238, e4. 1.5 Dendrice cells as targets for therapy in rheumatoid arthritis. Nature Reviews Rheumatology, 2009, 5. 3.6 Cenome-wide association analysis of susceptibility and clinical phenotype in multiple sclerosis. Human 1.4 Signalling Pathway Imoloing CULP, MAPK and Rac1 for SR-BHaduced Phagocytosis of Apoptotic Cells. 0.9 Signalling Pathway Imoloing CULP, MAPK and Rac1 for SR-BHaduced Phagocytosis of Apoptotic Cells. 0.9 Princeporeal photopheresis induced immune tolerance: a focus on modulation of antigenepresenting cells and induction of regulatory T cells by apoptotic cells. Current Opinion in Organ Transplantation, 2009, 14, 338-343. 0.6 Phospholipids: Key Players in Apoptosis and Immune Regulation. Molecules, 2009, 113, 3821-3830. 0.6 Mitochondrial defects like at the basis of neutropenia in Barth syndrome. Current Opinion in 1.2 2.2 Phosphating and Cell Death, 2010, 15, 1022-1082. 2.4 Mitochondrial defects like at the basis of neutropenia in Barth syndrome. Current Opinion in 1 2.2 Phosphating of Diagnosis and trattment of human diseases. Apoptosis: an International Journal 2

#	Article	IF	CITATIONS
56	Helminths and dendritic cells: Sensing and regulating via pattern recognition receptors, Th2 and Treg responses. European Journal of Immunology, 2010, 40, 1525-1537.	1.6	126
57	Infection and apoptosis as a combined inflammatory trigger. Current Opinion in Immunology, 2010, 22, 55-62.	2.4	51
58	Kidney injury moleculeâ€1 in renal disease. Journal of Pathology, 2010, 220, 7-16.	2.1	113
59	Timâ€1 is induced on germinal centre B cells through Bâ€cell receptor signalling but is not essential for the germinal centre response. Immunology, 2010, 131, 77-88.	2.0	37
60	99th Dahlem Conference on Infection, Inflammation and Chronic Inflammatory Disorders: Microbes, apoptosis and TIM-1 in the development of asthma. Clinical and Experimental Immunology, 2010, 160, 125-129.	1.1	13
61	TAM receptors and the clearance of apoptotic cells. Annals of the New York Academy of Sciences, 2010, 1209, 23-29.	1.8	193
62	Responding to infection and apoptosisâ€f—â€fa task for T _H 17 cells. Annals of the New York Academy of Sciences, 2010, 1209, 56-67.	1.8	8
63	<i>TIM</i> genes: a family of cell surface phosphatidylserine receptors that regulate innate and adaptive immunity. Immunological Reviews, 2010, 235, 172-189.	2.8	531
64	TIM-4, a Receptor for Phosphatidylserine, Controls Adaptive Immunity by Regulating the Removal of Antigen-Specific T Cells. Journal of Immunology, 2010, 185, 6839-6849.	0.4	77
65	Phosphatidylserine receptor Tim-4 is essential for the maintenance of the homeostatic state of resident peritoneal macrophages. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 8712-8717.	3.3	139
66	A Naphthoquinone Derivative Can Induce Anemia through Phosphatidylserine Exposure-Mediated Erythrophagocytosis. Journal of Pharmacology and Experimental Therapeutics, 2010, 333, 414-420.	1.3	14
67	Biomarkers of Acute Kidney Injury in Different Clinical Settings: A Time to Change the Paradigm. Kidney and Blood Pressure Research, 2010, 33, 368-382.	0.9	47
68	T Cell Ig and Mucin Domain Proteins and Immunity. Journal of Immunology, 2010, 184, 2743-2749.	0.4	66
69	Clearance of apoptotic cells: implications in health and disease. Journal of Cell Biology, 2010, 189, 1059-1070.	2.3	444
70	T and B cell hyperactivity and autoimmunity associated with niche-specific defects in apoptotic body clearance in TIM-4-deficient mice. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 8706-8711.	3.3	163
71	T Cell Ig Domain and Mucin Domain 1 Engagement on Invariant NKT Cells in the Presence of TCR Stimulation Enhances IL-4 Production but Inhibits IFN-Î ³ Production. Journal of Immunology, 2010, 184, 4095-4106.	0.4	37
72	T Cell/Transmembrane, Ig, and Mucin-3 Allelic Variants Differentially Recognize Phosphatidylserine and Mediate Phagocytosis of Apoptotic Cells. Journal of Immunology, 2010, 184, 1918-1930.	0.4	262
73	TIM1 is an endogenous ligand for LMIR5/CD300b: LMIR5 deficiency ameliorates mouse kidney ischemia/reperfusion injury. Journal of Experimental Medicine, 2010, 207, 1501-1511.	4.2	77

#	Article	IF	CITATIONS
74	T cell immunoglobulin- and mucin-domain-containing molecule-4 attenuates concanavalin A-induced hepatitis by regulating macrophage. Journal of Leukocyte Biology, 2010, 88, 329-336.	1.5	23
75	Transcriptional analysis of kidneys during repair from AKI reveals possible roles for NGAL and KIM-1 as biomarkers of AKI-to-CKD transition. American Journal of Physiology - Renal Physiology, 2010, 298, F1472-F1483.	1.3	176
76	PD-1 on Immature and PD-1 Ligands on Migratory Human Langerhans Cells Regulate Antigen-Presenting Cell Activity. Journal of Investigative Dermatology, 2010, 130, 2222-2230.	0.3	28
77	Apoptotic Cells Activate NKT Cells through T Cell Ig-Like Mucin-Like–1 Resulting in Airway Hyperreactivity. Journal of Immunology, 2010, 185, 5225-5235.	0.4	67
78	The Role of Apoptosis in Cancer Development and Treatment: Focusing on the Development and Treatment of Hematologic Malignancies. Current Pharmaceutical Design, 2010, 16, 11-33.	0.9	35
79	The phosphatidylserine receptors, T cell immunoglobulin mucin proteins 3 and 4, are markers of histiocytic sarcoma and other histiocytic and dendritic cell neoplasms. Human Pathology, 2010, 41, 1486-1494.	1.1	28
80	Find-me and eat-me signals in apoptotic cell clearance: progress and conundrums. Journal of Experimental Medicine, 2010, 207, 1807-1817.	4.2	450
81	Disturbances of apoptotic cell clearance in systemic lupus erythematosus. Arthritis Research and Therapy, 2010, 13, 202.	1.6	158
83	TIM-1 signaling in B cells regulates antibody production. Biochemical and Biophysical Research Communications, 2011, 406, 223-228.	1.0	25
84	Beginnings of a Good Apoptotic Meal: The Find-Me and Eat-Me Signaling Pathways. Immunity, 2011, 35, 445-455.	6.6	463
85	Emerging Tim-3 functions in antimicrobial and tumor immunity. Trends in Immunology, 2011, 32, 345-349.	2.9	215
86	Enhancing the potency of a whole-cell breast cancer vaccine in mice with an antibody-IL-2 immunocytokine that targets exposed phosphatidylserine. Vaccine, 2011, 29, 4785-4793.	1.7	28
87	Costimulatory pathways in transplantation. Seminars in Immunology, 2011, 23, 293-303.	2.7	80
88	How to improve the immunogenicity of chemotherapy and radiotherapy. Cancer and Metastasis Reviews, 2011, 30, 71-82.	2.7	72
89	Continued clearance of apoptotic cells critically depends on the phagocyte Ucp2 protein. Nature, 2011, 477, 220-224.	13.7	202
90	Steady-State Cell Apoptosis and Immune Tolerance - Induction of Tolerance Using Apoptotic Cells in Type 1 Diabetes and Other Immune-Mediated Disorders. , 2011, , .		1
91	Suppression of Allograft Rejection by Tim-1-Fc through Cross-Linking with a Novel Tim-1 Binding Partner on T Cells. PLoS ONE, 2011, 6, e21697.	1.1	11
92	Receptor for advanced glycation end products binds to phosphatidylserine and assists in the clearance of apoptotic cells. EMBO Reports, 2011, 12, 358-364.	2.0	192

#	Article	IF	CITATIONS
93	The Emerging Role of the TIM Molecules in Transplantation. American Journal of Transplantation, 2011, 11, 2012-2019.	2.6	37
94	Fyn binds to and phosphorylates T cell immunoglobulin and mucin domain-1 (Tim-1). Molecular Immunology, 2011, 48, 1424-1431.	1.0	20
95	Phosphatidylserine inhibits NFκB and p38 MAPK activation in human monocyte derived dendritic cells. Molecular Immunology, 2011, 48, 1771-1777.	1.0	19
96	Developmental Biology: Physics Adds a Twist to Gut Looping. Current Biology, 2011, 21, R854-R857.	1.8	1
97	Phagocytosis: Coupling of Mitochondrial Uncoupling andÂEngulfment. Current Biology, 2011, 21, R852-R854.	1.8	4
98	The role of nucleotides in apoptotic cell clearance: implications for disease pathogenesis. Journal of Molecular Medicine, 2011, 89, 13-22.	1.7	30
99	Timâ€l stimulation of dendritic cells regulates the balance between effector and regulatory T cells. European Journal of Immunology, 2011, 41, 1539-1549.	1.6	44
100	T-cell immunoglobulin and mucin domain 1 (TIM-1) is a receptor for <i>Zaire Ebolavirus</i> and <i>Lake Victoria Marburgvirus</i> . Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 8426-8431.	3.3	330
101	Role of TIM-4 in innate or adaptive immune response. North American Journal of Medical Sciences, 2011, 3, 217-221.	1.7	10
102	The TIM-1. Journal of the American Society of Nephrology: JASN, 2011, 22, 484-495.	3.0	47
103	Low Level of Lead Can Induce Phosphatidylserine Exposure and Erythrophagocytosis: A New Mechanism Underlying Lead-Associated Anemia. Toxicological Sciences, 2011, 122, 177-184.	1.4	43
104	The unexpected link between infection-induced apoptosis and a T <scp>h</scp> 17 immune response. Journal of Leukocyte Biology, 2011, 89, 565-576.	1.5	13
105	A Critical Role for Granzymes in Antigen Cross-Presentation through Regulating Phagocytosis of Killed Tumor Cells. Journal of Immunology, 2011, 187, 1166-1175.	0.4	24
106	Glioma-derived T Cell Immunoglobulin- and Mucin Domain-containing Molecule-4 (TIM4) Contributes to Tumor Tolerance. Journal of Biological Chemistry, 2011, 286, 36694-36699.	1.6	26
107	P2X7 Is a Scavenger Receptor for Apoptotic Cells in the Absence of Its Ligand, Extracellular ATP. Journal of Immunology, 2011, 187, 2365-2375.	0.4	81
108	PTEN Negatively Regulates Engulfment of Apoptotic Cells by Modulating Activation of Rac GTPase. Journal of Immunology, 2011, 187, 5783-5794.	0.4	30
109	Host Cell Factors in Filovirus Entry: Novel Players, New Insights. Viruses, 2012, 4, 3336-3362.	1.5	34
110	Cross Talk between Engulfment Receptors Stabilin-2 and Integrin <i>î±</i> vî²5 Orchestrates Engulfment of Phosphatidylserine-Exposed Erythrocytes. Molecular and Cellular Biology, 2012, 32, 2698-2708.	1.1	69

#	Article	IF	CITATIONS
111	Integrin α PAT-2/CDC-42 Signaling Is Required for Muscle-Mediated Clearance of Apoptotic Cells in Caenorhabditis elegans. PLoS Genetics, 2012, 8, e1002663.	1.5	29
112	Cancer and Innate Immune System Interactions. Journal of Immunotherapy, 2012, 35, 299-308.	1.2	145
113	Structural study of TTR-52 reveals the mechanism by which a bridging molecule mediates apoptotic cell engulfment. Genes and Development, 2012, 26, 1339-1350.	2.7	15
114	Involvement of Beclin 1 in Engulfment of Apoptotic Cells. Journal of Biological Chemistry, 2012, 287, 13919-13929.	1.6	31
115	Annexin A1 regulates neutrophil clearance by macrophages in the mouse bone marrow. FASEB Journal, 2012, 26, 387-396.	0.2	73
116	Dying cell clearance and its impact on the outcome of tumor radiotherapy. Frontiers in Oncology, 2012, 2, 116.	1.3	152
117	The role of TIM-containing molecules in airway disease and their potential as therapeutic targets. Journal of Inflammation Research, 2012, 5, 77.	1.6	12
118	Cross-Presentation of Cell-Associated Antigens by Mouse Splenic Dendritic Cell Populations. Frontiers in Immunology, 2012, 3, 41.	2.2	35
119	TIM Family Proteins Promote the Lysosomal Degradation of the Nuclear Receptor NUR77. Science Signaling, 2012, 5, ra90.	1.6	31
120	Human CD300a binds to phosphatidylethanolamine and phosphatidylserine, and modulates the phagocytosis of dead cells. Blood, 2012, 119, 2799-2809.	0.6	140
121	Defect in regulatory B-cell function and development of systemic autoimmunity in T-cell Ig mucin 1 (Tim-1) mucin domain-mutant mice. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 12105-12110.	3.3	125
122	Apoptotic cells suppress mast cell inflammatory responses via the CD300a immunoreceptor. Journal of Experimental Medicine, 2012, 209, 1493-1503.	4.2	81
123	Lineage-specific evolution of T-cell immunoglobulin and mucin domain 1 gene in the primates. Immunogenetics, 2012, 64, 669-678.	1.2	6
124	Annexin-V promotes anti-tumor immunity and inhibits neuroblastoma growth in vivo. Cancer Immunology, Immunotherapy, 2012, 61, 1917-1927.	2.0	13
125	The TIM and TAM Families of Phosphatidylserine Receptors Mediate Dengue Virus Entry. Cell Host and Microbe, 2012, 12, 544-557.	5.1	416
126	The Receptor LMIR3 Negatively Regulates Mast Cell Activation and Allergic Responses by Binding to Extracellular Ceramide. Immunity, 2012, 37, 827-839.	6.6	93
127	Identification of phosphatidylserine as a ligand for the CD300a immunoreceptor. Biochemical and Biophysical Research Communications, 2012, 417, 646-650.	1.0	68
128	Red Blood Cell Clearance in Inflammation. Transfusion Medicine and Hemotherapy, 2012, 39, 353-360.	0.7	77

~				_		
$(\)$	IT.	ΔТ	10	I R	FP	ORT
~		/ L				

#	Article	IF	CITATIONS
129	Comparison of the Kinetics of Maturation of Phagosomes Containing Apoptotic Cells and IgG-Opsonized Particles. PLoS ONE, 2012, 7, e48391.	1.1	15
130	Timâ€1 regulates Th2 responses in an airway hypersensitivity model. European Journal of Immunology, 2012, 42, 651-661.	1.6	21
131	The Cell Biology of Phagocytosis. Annual Review of Pathology: Mechanisms of Disease, 2012, 7, 61-98.	9.6	791
132	A new role for the P2X7 receptor: a scavenger receptor for bacteria and apoptotic cells in the absence of serum and extracellular ATP. Purinergic Signalling, 2012, 8, 579-586.	1.1	39
133	Interactions of human T cell immunoglobin mucins with apoptotic cells. Journal of Huazhong University of Science and Technology [Medical Sciences], 2012, 32, 9-16.	1.0	1
134	The role of antigen-presenting cells in filoviral hemorrhagic fever: Gaps in current knowledge. Antiviral Research, 2012, 93, 416-428.	1.9	38
135	Specific lipid recognition is a general feature of CD300 and TREM molecules. Immunogenetics, 2012, 64, 39-47.	1.2	126
136	The scavenger receptor SCARF1 mediates the clearance of apoptotic cells and prevents autoimmunity. Nature Immunology, 2013, 14, 917-926.	7.0	188
137	Multiple functions of the noncanonical Wnt pathway. Trends in Genetics, 2013, 29, 545-553.	2.9	132
138	Combined blockade of TIM-3 and TIM-4 augments cancer vaccine efficacy against established melanomas. Cancer Immunology, Immunotherapy, 2013, 62, 629-637.	2.0	46
139	Lipid-mediated Protein Signaling. Advances in Experimental Medicine and Biology, 2013, , .	0.8	11
140	TIM-4 Glycoprotein-Mediated Degradation of Dying Tumor Cells by Autophagy Leads to Reduced Antigen Presentation and Increased Immune Tolerance. Immunity, 2013, 39, 1070-1081.	6.6	100
141	Monocyte-Derived Dendritic Cells Perform Hemophagocytosis to Fine-Tune Excessive Immune Responses. Immunity, 2013, 39, 584-598.	6.6	68
142	Aberrant histone modifications in peripheral blood mononuclear cells from patients with Henoch–Schönlein purpura. Clinical Immunology, 2013, 146, 165-175.	1.4	22
143	Phosphatidylserine-Mediated Cellular Signaling. Advances in Experimental Medicine and Biology, 2013, 991, 177-193.	0.8	82
144	T-cell immunoglobulin and mucin domain 1 deficiency eliminates airway hyperreactivity triggered by the recognition of airway cell death. Journal of Allergy and Clinical Immunology, 2013, 132, 414-425.e6.	1.5	24
145	Tissue-resident macrophages. Nature Immunology, 2013, 14, 986-995.	7.0	1,621
146	Potassium leakage primes stored erythrocytes for phosphatidylserine exposure and shedding of proâ€coagulant vesicles. British Journal of Haematology, 2013, 160, 377-386.	1.2	77

#	Article	IF	CITATIONS
147	Integrins and Small GTPases as Modulators of Phagocytosis. International Review of Cell and Molecular Biology, 2013, 302, 321-354.	1.6	24
148	Kidney injury moleculeâ€∎: More than just an injury marker of tubular epithelial cells?. Journal of Cellular Physiology, 2013, 228, 917-924.	2.0	117
149	Measurement of Phagocytic Engulfment of Apoptotic Cells by Macrophages Using pHrodo Succinimidyl Ester. Current Protocols in Immunology, 2013, 100, Unit 14.31	3.6	19
150	The interaction between <scp>CD</scp> 300a and phosphatidylserine inhibits tumor cell killing by <scp>NK</scp> cells. European Journal of Immunology, 2013, 43, 2151-2161.	1.6	45
151	Surface code—biophysical signals for apoptotic cell clearance. Physical Biology, 2013, 10, 065007.	0.8	38
153	TIM-family Proteins Promote Infection of Multiple Enveloped Viruses through Virion-associated Phosphatidylserine. PLoS Pathogens, 2013, 9, e1003232.	2.1	288
154	The Role of T Cell Immunoglobulin Mucin Domains 1 and 4 in a Herpes Simplex Virus-Induced Behçet's Disease Mouse Model. Mediators of Inflammation, 2013, 2013, 1-13.	1.4	8
155	Caspase Activity Is Required for Engulfment of Apoptotic Cells. Molecular and Cellular Biology, 2013, 33, 3191-3201.	1.1	42
156	TIM-4 Has Dual Function in the Induction and Effector Phases of Murine Arthritis. Journal of Immunology, 2013, 191, 4562-4572.	0.4	22
157	Human CD300C Delivers an Fc Receptor-Î ³ -dependent Activating Signal in Mast Cells and Monocytes and Differs from CD300A in Ligand Recognition. Journal of Biological Chemistry, 2013, 288, 7662-7675.	1.6	31
158	Cellular Factors Implicated in Filovirus Entry. Advances in Virology, 2013, 2013, 1-8.	0.5	6
159	Interruption of Dendritic Cell–Mediated TIM-4 Signaling Induces Regulatory T Cells and Promotes Skin Allograft Survival. Journal of Immunology, 2013, 191, 4447-4455.	0.4	36
160	Clearing the Dead: Apoptotic Cell Sensing, Recognition, Engulfment, and Digestion. Cold Spring Harbor Perspectives in Biology, 2013, 5, a008748-a008748.	2.3	410
161	Role of the Phosphatidylserine Receptor TIM-1 in Enveloped-Virus Entry. Journal of Virology, 2013, 87, 8327-8341.	1.5	219
162	TIM-4, expressed by medullary macrophages, regulates respiratory tolerance by mediating phagocytosis of antigen-specific T cells. Mucosal Immunology, 2013, 6, 580-590.	2.7	38
163	Current Understanding of the Mechanisms for Clearance of Apoptotic Cells—A Fine Balance. Journal of Cell Death, 2013, 6, JCD.S11037.	0.8	22
164	Chronic epithelial kidney injury molecule-1 expression causes murine kidney fibrosis. Journal of Clinical Investigation, 2013, 123, 4023-4035.	3.9	281
165	Apoptosis and Clearance of the Secretory Mammary Epithelium. , 0, , .		1

#	Article	IF	CITATIONS
166	Brain angiogenesis inhibitor 1 is expressed by gastric phagocytes during infection with <i>Helicobacter pylori</i> and mediates the recognition and engulfment of human apoptotic gastric epithelial cells. FASEB Journal, 2014, 28, 2214-2224.	0.2	41
167	Tim-3 Directly Enhances CD8 T Cell Responses to Acute <i>Listeria monocytogenes</i> Infection. Journal of Immunology, 2014, 192, 3133-3142.	0.4	76
168	CD300b regulates the phagocytosis of apoptotic cells via phosphatidylserine recognition. Cell Death and Differentiation, 2014, 21, 1746-1757.	5.0	70
169	The impact of the TIM gene family on tumor immunity and immunosuppression. Cellular and Molecular Immunology, 2014, 11, 41-48.	4.8	24
170	Accelerated receptor shedding inhibits kidney injury molecule-1 (KIM-1)-mediated efferocytosis. American Journal of Physiology - Renal Physiology, 2014, 307, F205-F221.	1.3	28
171	Flavivirus Entry Receptors: An Update. Viruses, 2014, 6, 69-88.	1.5	257
172	Resolution of acute inflammation bridges the gap between innate and adaptive immunity. Blood, 2014, 124, 1748-1764.	0.6	142
173	Molecular mechanism for differential recognition of membrane phosphatidylserine by the immune regulatory receptor Tim4. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E1463-72.	3.3	67
174	Of macrophages and red blood cells; a complex love story. Frontiers in Physiology, 2014, 5, 9.	1.3	231
175	The Role of Nucleotides and Purinergic Signaling in Apoptotic Cell Clearance ââ,¬â€œ Implications for Chronic Inflammatory Diseases. Frontiers in Immunology, 2014, 5, 656.	2.2	36
176	TIM-family molecules in embryonic hematopoiesis: Fetal liver TIM-4lo cells have myeloid potential. Experimental Hematology, 2014, 42, 230-240.	0.2	5
177	Do follicular dendritic cells regulate lupus-specific B cells?. Molecular Immunology, 2014, 62, 283-288.	1.0	11
178	Characterizing the binding of annexin V to a lipid bilayer using molecular dynamics simulations. Proteins: Structure, Function and Bioinformatics, 2014, 82, 312-322.	1.5	21
179	Oxidatively modified phosphatidylserines on the surface of apoptotic cells are essential phagocytic â€~eat-me' signals: cleavage and inhibition of phagocytosis by Lp-PLA2. Cell Death and Differentiation, 2014, 21, 825-835.	5.0	71
180	Photosensitivity, Apoptosis, and Cytokines in the Pathogenesis of Lupus Erythematosus: a Critical Review. Clinical Reviews in Allergy and Immunology, 2014, 47, 148-162.	2.9	93
181	Regulation of immune responses by extracellular vesicles. Nature Reviews Immunology, 2014, 14, 195-208.	10.6	1,749
182	Characterizing Functional Domains for TIM-Mediated Enveloped Virus Entry. Journal of Virology, 2014, 88, 6702-6713.	1.5	63
183	Soluble T cell immunoglobulin and mucin domain (TIM)-1 and -4 generated by A Disintegrin And Metalloprotease (ADAM)-10 and -17 bind to phosphatidylserine. Biochimica Et Biophysica Acta - Molecular Cell Research, 2014, 1843, 275-287.	1.9	30

#	Article	IF	CITATIONS
184	Apoptotic cell clearance: basic biology and therapeutic potential. Nature Reviews Immunology, 2014, 14, 166-180.	10.6	952
185	Regulation of T cell trafficking by the T cell immunoglobulin and mucin domain 1 glycoprotein. Trends in Molecular Medicine, 2014, 20, 675-684.	3.5	24
186	TIM-family proteins inhibit HIV-1 release. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E3699-707.	3.3	68
187	Responses of macrophages to the danger signals released from necrotic cells. International Immunology, 2014, 26, 697-704.	1.8	20
188	Phosphatidylserine receptors: Enhancers of enveloped virus entry and infection. Virology, 2014, 468-470, 565-580.	1.1	155
189	High Molecular Weight Kininogen Binds Phosphatidylserine and Opsonizes Urokinase Plasminogen Activator Receptor–Mediated Efferocytosis. Journal of Immunology, 2014, 192, 4398-4408.	0.4	22
190	Biomarkers of Contrast-Induced Nephropathy. Interventional Cardiology Clinics, 2014, 3, 379-391.	0.2	3
191	Distinct roles for BAI1 and TIM-4 in the engulfment of dying neurons by microglia. Nature Communications, 2014, 5, 4046.	5.8	164
192	Phagocytosis: receptors, signal integration, and the cytoskeleton. Immunological Reviews, 2014, 262, 193-215.	2.8	418
193	Non-Antibody Mediated Roles of B Cells in Allograft Survival. Current Transplantation Reports, 2014, 1, 155-165.	0.9	4
194	Role of Phosphatidylserine Receptors in Enveloped Virus Infection. Journal of Virology, 2014, 88, 4275-4290.	1.5	145
195	The Nuclear Receptor Nr4a1 Mediates Anti-Inflammatory Effects of Apoptotic Cells. Journal of Immunology, 2014, 192, 4852-4858.	0.4	70
196	Neurobiology of microglial action in CNS injuries: Receptor-mediated signaling mechanisms and functional roles. Progress in Neurobiology, 2014, 119-120, 60-84.	2.8	108
197	Elevated TIM3+ hematopoietic stem cells in untreated myelodysplastic syndrome displayed aberrant differentiation, overproliferation and decreased apoptosis. Leukemia Research, 2014, 38, 714-721.	0.4	21
198	Tâ€cell immunoglobulin and mucin domain 4 (TIMâ€4) signaling in innate immuneâ€mediated liver ischemiaâ€reperfusion injury. Hepatology, 2014, 60, 2052-2064.	3.6	63
199	Distinct Trafficking of Cell Surface and Endosomal <scp>TIM</scp> â€1 to the Immune Synapse. Traffic, 2015, 16, 1193-1207.	1.3	6
200	Apoptotic Cell Clearance in Development. Current Topics in Developmental Biology, 2015, 114, 297-334.	1.0	34
201	Exposure of FVIII in the Presence of Phosphatidyl Serine Reduces Generation of Memory B-Cells and Induces Regulatory T-Cell-Mediated Hyporesponsiveness in Hemophilia A Mice. Journal of Pharmaceutical Sciences, 2015, 104, 2451-2456	1.6	11

#	Article	IF	CITATIONS
202	<i><scp>TIM</scp>â€1</i> rs41297579Â <i>G>A</i> (<i>â^1454</i>) and <i><scp>TIM</scp>â€4</i> rs7700 gene polymorphisms as possible risk factor for rheumatoid arthritis: relation to activity and severity. International Journal of Immunogenetics, 2015, 42, 254-264.)944 0.8	12
203	Effect of pegylated phosphatidylserine-containing liposomes in experimental chronic arthritis. BMC Pharmacology & Toxicology, 2015, 16, 24.	1.0	9
204	Clearance of primary necrotic cells by nonâ€professional phagocytes. Biology of the Cell, 2015, 107, 372-387.	0.7	28
205	<scp>KIM</scp> â€1â€/ <scp>TIM</scp> â€1â€mediated phagocytosis links <scp>ATG</scp> 5â€/ <scp>ULK</scp> 1â€dependent clearance of apoptotic cells to antigen presentation. EMBO Journal, 2015, 34, 2441-2464.	3.5	76
206	Effective Binding of a Phosphatidylserine-Targeting Antibody to Ebola Virus Infected Cells and Purified Virions. Journal of Immunology Research, 2015, 2015, 1-9.	0.9	13
207	Early Events in Chikungunya Virus Infection—From Virus CellBinding to Membrane Fusion. Viruses, 2015, 7, 3647-3674.	1.5	99
208	Decreased TIM-3 mRNA expression in peripheral blood mononuclear cells from nephropathy patients. Genetics and Molecular Research, 2015, 14, 6543-6548.	0.3	5
209	Tim-4 Inhibits NO Generation by Murine Macrophages. PLoS ONE, 2015, 10, e0124771.	1.1	14
210	Inflammatory etiopathogenesis of systemic lupus erythematosus: an update. Journal of Inflammation Research, 2015, 8, 161.	1.6	72
211	MtDNA mutagenesis impairs elimination of mitochondria during erythroid maturation leading to enhanced erythrocyte destruction. Nature Communications, 2015, 6, 6494.	5.8	47
212	Programmed cell death and its role in inflammation. Military Medical Research, 2015, 2, 12.	1.9	163
213	Virion-associated phosphatidylethanolamine promotes TIM1-mediated infection by Ebola, dengue, and West Nile viruses. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 14682-14687.	3.3	120
214	Immune cell dynamics in the CNS: Learning from the zebrafish. Glia, 2015, 63, 719-735.	2.5	49
215	High-throughput methods for screening liposome–macrophage cell interaction. Journal of Liposome Research, 2015, 25, 211-221.	1.5	9
216	How apoptotic β-cells direct immune response to tolerance or to autoimmune diabetes: a review. Apoptosis: an International Journal on Programmed Cell Death, 2015, 20, 263-272.	2.2	56
217	Tim-1 Is Essential for Induction and Maintenance of IL-10 in Regulatory B Cells and Their Regulation of Tissue Inflammation. Journal of Immunology, 2015, 194, 1602-1608.	0.4	111
218	Increased Expression of T Cell Immunoglobulin and Mucin Domain 4 Is Positively Associated with the Disease Severity of Patients with Ankylosing Spondylitis. Inflammation, 2015, 38, 935-940.	1.7	10
219	TIM-1 Signaling Is Required for Maintenance and Induction of Regulatory B Cells. American Journal of Transplantation, 2015, 15, 942-953.	2.6	70

# 220	ARTICLE Quantitative Proteome Analysis of Temporally Resolved Phagosomes Following Uptake Via Key Phagocytic Receptors. Molecular and Cellular Proteomics, 2015, 14, 1334-1349.	IF 2.5	CITATIONS
221	Tim-3 and Tim-4 as the potential targets for antitumor therapy. Human Vaccines and Immunotherapeutics, 2015, 11, 2458-2462.	1.4	44
222	Control of signaling-mediated clearance of apoptotic cells by the tumor suppressor p53. Science, 2015, 349, 1261669.	6.0	169
223	Apoptotic cell-derived membrane microparticles and IFN-α induce an inflammatory immune response. Journal of Cell Science, 2015, 128, 2443-53.	1.2	42
224	Disruption of TIM-4 in dendritic cell ameliorates hepatic warm IR injury through the induction of regulatory T cells. Molecular Immunology, 2015, 66, 117-125.	1.0	19
225	Interaction between TIM-1 and NPC1 Is Important for Cellular Entry of Ebola Virus. Journal of Virology, 2015, 89, 6481-6493.	1.5	67
226	Erythrophagocytosis of Lead-Exposed Erythrocytes by Renal Tubular Cells: Possible Role in Lead-Induced Nephrotoxicity. Environmental Health Perspectives, 2015, 123, 120-127.	2.8	35
227	The Biology and Disease Relevance of CD300a, an Inhibitory Receptor for Phosphatidylserine and Phosphatidylethanolamine. Journal of Immunology, 2015, 194, 5053-5060.	0.4	67
228	M cell-derived vesicles suggest a unique pathway for trans-epithelial antigen delivery. Tissue Barriers, 2015, 3, e1004975.	1.6	33
229	Immune responses of wild birds to emerging infectious diseases. Parasite Immunology, 2015, 37, 242-254.	0.7	21
230	The phospholipid code: a key component of dying cell recognition, tumor progression and host–microbe interactions. Cell Death and Differentiation, 2015, 22, 1893-1905.	5.0	42
231	Phagocytosis of apoptotic cells in homeostasis. Nature Immunology, 2015, 16, 907-917.	7.0	632
232	The Triggering Receptor Expressed on Myeloid Cells 2 Binds Apolipoprotein E. Journal of Biological Chemistry, 2015, 290, 26033-26042.	1.6	218
233	Innovative Medicine. , 2015, , .		17
234	Novel insights into Tim-4 function in autoimmune diseases. Autoimmunity, 2015, 48, 189-195.	1.2	13
235	The Mannose Receptor Is Involved in the Phagocytosis of Mycobacteria-Induced Apoptotic Cells. Journal of Immunology Research, 2016, 2016, 1-14.	0.9	19
236	Immune Regulation and Antitumor Effect of TIM-1. Journal of Immunology Research, 2016, 2016, 1-6.	0.9	24
237	Neurodegenerative disease mutations in TREM2 reveal a functional surface and distinct loss-of-function mechanisms. ELife, 2016, 5, .	2.8	145

#	Article	IF	Citations
238	Associations Between <i>TIM1</i> Polymorphisms and Dilated Cardiomyopathy in a Han Chinese Population. International Heart Journal, 2016, 57, 742-746.	0.5	6
239	Surface Phosphatidylserine Is Responsible for the Internalization on Microvesicles Derived from Hypoxia-Induced Human Bone Marrow Mesenchymal Stem Cells into Human Endothelial Cells. PLoS ONE, 2016, 11, e0147360.	1.1	71
240	Activation-Induced TIM-4 Expression Identifies Differential Responsiveness of Intestinal CD103+ CD11b+ Dendritic Cells to a Mucosal Adjuvant. PLoS ONE, 2016, 11, e0158775.	1.1	8
241	Efferocytosis of apoptotic human papillomavirusâ€positive cervical cancer cells by human primary fibroblasts. Biology of the Cell, 2016, 108, 189-204.	0.7	28
242	Reversing T Cell Dysfunction for Tumor Immunotherapy. , 2016, , 109-128.		0
243	Extracellular vesicles in the pathogenesis of rheumatoid arthritis and osteoarthritis. Arthritis Research and Therapy, 2016, 18, 286.	1.6	210
244	Molecular Mechanisms of Phagosome Formation. Microbiology Spectrum, 2016, 4, .	1.2	25
245	Efferocytosis in the Tumor Microenvironment. , 2016, , 374-378.		5
246	Characterization of Human and Murine T-Cell Immunoglobulin Mucin Domain 4 (TIM-4) IgV Domain Residues Critical for Ebola Virus Entry. Journal of Virology, 2016, 90, 6097-6111.	1.5	36
247	Key mechanisms governing resolution of lung inflammation. Seminars in Immunopathology, 2016, 38, 425-448.	2.8	177
248	Clusterin facilitates apoptotic cell clearance and prevents apoptotic cell-induced autoimmune responses. Cell Death and Disease, 2016, 7, e2215-e2215.	2.7	79
249	Emerging roles of p53 and other tumour-suppressor genes in immune regulation. Nature Reviews Immunology, 2016, 16, 741-750.	10.6	262
250	Functional annotation of the T ell immunoglobulin mucin family in birds. Immunology, 2016, 148, 287-303.	2.0	16
251	Effect of Biophysical Properties of Phosphatidylserine Particle on Immune Tolerance Induction Toward Factor VIII in a Hemophilia A Mouse Model. Journal of Pharmaceutical Sciences, 2016, 105, 3039-3045.	1.6	9
252	Discovery of a proteinaceous cellular receptor for a norovirus. Science, 2016, 353, 933-936.	6.0	241
253	Tim-4 protects mice against lipopolysaccharide-induced endotoxic shock by suppressing the NF-κB signaling pathway. Laboratory Investigation, 2016, 96, 1189-1197.	1.7	10
254	Stabilin-2 modulates the efficiency of myoblast fusion during myogenic differentiation and muscle regeneration. Nature Communications, 2016, 7, 10871.	5.8	101
255	Microvesicles in Autoimmune Diseases. Advances in Clinical Chemistry, 2016, 77, 125-175.	1.8	46

#	Article	IF	CITATIONS
256	G protein α ₁₂ (Gα ₁₂) is a negative regulator of kidney injury molecule-1-mediated efferocytosis. American Journal of Physiology - Renal Physiology, 2016, 310, F607-F620.	1.3	22
257	Phosphatidylserine-targeting antibodies augment the anti-tumorigenic activity of anti-PD-1 therapy by enhancing immune activation and downregulating pro-oncogenic factors induced by T-cell checkpoint inhibition in murine triple-negative breast cancers. Breast Cancer Research, 2016, 18, 50.	2.2	56
258	Nomenclature of CD molecules from the Tenth Human Leucocyte Differentiation Antigen Workshop. Clinical and Translational Immunology, 2016, 5, e57.	1.7	52
259	Essential Roles of TIM-1 and TIM-4 Homologs in Adaptive Humoral Immunity in a Zebrafish Model. Journal of Immunology, 2016, 196, 1686-1699.	0.4	34
260	Do not let death do us part: â€~find-me' signals in communication between dying cells and the phagocytes. Cell Death and Differentiation, 2016, 23, 979-989.	5.0	131
261	Blockade of Tim-1 and Tim-4 Enhances Atherosclerosis in Low-Density Lipoprotein Receptor–Deficient Mice. Arteriosclerosis, Thrombosis, and Vascular Biology, 2016, 36, 456-465.	1.1	53
262	Enhanced efferocytosis by dendritic cells underlies memory T-cell expansion and susceptibility to autoimmune disease in CD300f-deficient mice. Cell Death and Differentiation, 2016, 23, 1086-1096.	5.0	29
263	The role of airway macrophages in apoptotic cell clearance following acute and chronic lung inflammation. Seminars in Immunopathology, 2016, 38, 409-423.	2.8	120
264	Differentiation of human monocytes and derived subsets of macrophages and dendritic cells by the HLDA10 monoclonal antibody panel. Clinical and Translational Immunology, 2016, 5, e55.	1.7	55
265	Mammalian Target of Rapamycin Mediates Kidney Injury Molecule 1-Dependent Tubule Injury in a Surrogate Model. Journal of the American Society of Nephrology: JASN, 2016, 27, 1943-1957.	3.0	34
266	Interaction of TIM4 and TIM3 induces T helper 1 cell apoptosis. Immunologic Research, 2016, 64, 470-475.	1.3	8
267	Elimination of the unnecessary: Intra- and extracellular signaling by anionic phospholipids. Biochemical and Biophysical Research Communications, 2017, 482, 482-490.	1.0	12
268	Potential influences of complement factor H in autoimmune inflammatory and thrombotic disorders. Molecular Immunology, 2017, 84, 84-106.	1.0	22
269	Tolerogenic interactions between CD8+ dendritic cells and NKT cells prevent rejection of bone marrow and organ grafts. Blood, 2017, 129, 1718-1728.	0.6	29
270	Efferocytosis Signaling in the Regulation of Macrophage Inflammatory Responses. Journal of Immunology, 2017, 198, 1387-1394.	0.4	296
271	TREM2-Ligand Interactions in Health and Disease. Journal of Molecular Biology, 2017, 429, 1607-1629.	2.0	173
272	Engulfment signals and the phagocytic machinery for apoptotic cell clearance. Experimental and Molecular Medicine, 2017, 49, e331-e331.	3.2	111
273	Differential binding of the HIV-1 envelope to phosphatidylserine receptors. Biochimica Et Biophysica Acta - Biomembranes, 2017, 1859, 1962-1966.	1.4	10

#	Article	IF	Citations
274	Labeling Extracellular Vesicles for Nanoscale Flow Cytometry. Scientific Reports, 2017, 7, 1878.	1.6	260
275	Microfluidic analysis of red blood cell deformability as a means to assess hemin-induced oxidative stress resulting from <i>Plasmodium falciparum</i> intraerythrocytic parasitism. Integrative Biology (United Kingdom), 2017, 9, 519-528.	0.6	21
276	Immune checkpoint proteins: exploring their therapeutic potential to regulate atherosclerosis. British Journal of Pharmacology, 2017, 174, 3940-3955.	2.7	48
277	Phosphatidylethanolamine is progressively exposed in RBCs during storage. Transfusion Medicine, 2017, 27, 136-141.	0.5	14
278	"Pumping ironâ€â€"how macrophages handle iron at the systemic, microenvironmental, and cellular levels. Pflugers Archiv European Journal of Physiology, 2017, 469, 397-418.	1.3	132
279	Ebola Virus Binding to Tim-1 on T Lymphocytes Induces a Cytokine Storm. MBio, 2017, 8, .	1.8	97
280	Phosphatidylserine-Induced Conformational Modulation of Immune Cell Exhaustion-Associated Receptor TIM3. Scientific Reports, 2017, 7, 13579.	1.6	8
281	TIM-4 Identifies IFN-γ–Expressing Proinflammatory B Effector 1 Cells That Promote Tumor and Allograft Rejection. Journal of Immunology, 2017, 199, 2585-2595.	0.4	32
282	TIM1 (HAVCR1) Is Not Essential for Cellular Entry of Either Quasi-enveloped or Naked Hepatitis A Virions. MBio, 2017, 8, .	1.8	63
283	Frontline Science: Tim-3-mediated dysfunctional engulfment of apoptotic cells in SLE. Journal of Leukocyte Biology, 2017, 102, 1313-1322.	1.5	32
284	Mechanisms of Filovirus Entry. Current Topics in Microbiology and Immunology, 2017, 411, 323-352.	0.7	26
285	Migratory dendritic cells acquire and present lymphatic endothelial cell-archived antigens during lymph node contraction. Nature Communications, 2017, 8, 2034.	5.8	85
286	Roles of Pro-viral Host Factors in Mosquito-Borne Flavivirus Infections. Current Topics in Microbiology and Immunology, 2017, 419, 43-67.	0.7	8
287	TIM-1 Promotes Hepatitis C Virus Cell Attachment and Infection. Journal of Virology, 2017, 91, .	1.5	25
288	Role of Phosphatidylserine-Derived Negative Surface Charges in the Recognition and Uptake of Intravenously Injected B16BL6-Derived Exosomes by Macrophages. Journal of Pharmaceutical Sciences, 2017, 106, 168-175.	1.6	145
289	Marburg- and Ebolaviruses. Current Topics in Microbiology and Immunology, 2017, , .	0.7	4
290	The Action of Red Cell Calcium Ions on Human Erythrophagocytosis in Vitro. Frontiers in Physiology, 2017, 8, 1008.	1.3	3
291	Dual-targeting Theranostic System with Mimicking Apoptosis to Promote Myocardial Infarction Repair <i>>via </i> Modulation of Macrophages. Theranostics, 2017, 7, 4149-4167.	4.6	37

		CITATION R	EPORT	
#	Article		IF	Citations
292	Phagocytosis: A Fundamental Process in Immunity. BioMed Research International, 2017	, 2017, 1-18.	0.9	360
293	From the Cradle to the Grave: The Role of Macrophages in Erythropoiesis and Erythropha Frontiers in Immunology, 2017, 8, 73.	gocytosis.	2.2	181
294	Comparative Analysis of Immune Checkpoint Molecules and Their Potential Role in the Tr Tasmanian Devil Facial Tumor Disease. Frontiers in Immunology, 2017, 8, 513.	ransmissible	2.2	19
295	Influenza virus replication in macrophages: balancing protection and pathogenesis. Jourr General Virology, 2017, 98, 2401-2412.	ial of	1.3	86
296	Under-Evaluated or Unassessed Pathogenic Pathways in Autoimmune Hepatitis and Impl Future Management. Digestive Diseases and Sciences, 2018, 63, 1706-1725.	ications for	1.1	13
297	Phosphatidylserine Is Not Just a Cleanup Crew but Also a Well-Meaning Teacher. Journal Pharmaceutical Sciences, 2018, 107, 2048-2054.	of	1.6	12
298	HIV internalization into oral and genital epithelial cells by endocytosis and macropinocyt viral sequestration in the vesicles. Virology, 2018, 515, 92-107.	osis leads to	1.1	28
299	Diverse roles of TIM4 in immune activation. Current Opinion in Organ Transplantation, 2	018, 23, 44-50.	0.8	8
300	Incomplete clearance of apoptotic cells by core 1-derived O-glycan-deficient resident per macrophages. Biochemical and Biophysical Research Communications, 2018, 495, 2017	itoneal -2023.	1.0	6
301	Tim-4 expression increases in ischemic stroke patients and is associated with poor outco Neuroimmunology, 2018, 316, 1-6.	me. Journal of	1.1	8
302	Acute stimulation generates Timâ€3â€expressing T helper type 1 <scp>CD</scp> 4 T cell vivo and show enhanced effector function. Immunology, 2018, 154, 418-433.	s that persist <i>in</i>	2.0	14
303	Determinants in the Ig Variable Domain of Human HAVCR1 (TIM-1) Are Required To Enha Virus Entry. Journal of Virology, 2018, 92, .	ince Hepatitis C	1.5	10
304	Protein S and Gas6 induce efferocytosis of HIV-1-infected cells. Virology, 2018, 515, 176	-190.	1.1	14
305	Tctexâ€1, a novel interaction partner of Kidney Injury Moleculeâ€1, is required for effero of Cellular Physiology, 2018, 233, 6877-6895.	cytosis. Journal	2.0	7
306	Novel Insights into Cell Entry of Emerging Human Pathogenic Arenaviruses. Journal of Mo Biology, 2018, 430, 1839-1852.	blecular	2.0	25
307	Resolvins suppress tumor growth and enhance cancer therapy. Journal of Experimental N 2018, 215, 115-140.	1edicine,	4.2	200
308	Innate Immune Cell Suppression and the Link With Secondary Lung Bacterial Pneumonia Immunology, 2018, 9, 2943.	. Frontiers in	2.2	35
309	Natural regulatory plasma cells. Current Opinion in Immunology, 2018, 55, 62-66.		2.4	38

#	Article	IF	CITATIONS
310	Autophagy in Health and Disease. Pancreatic Islet Biology, 2018, , .	0.1	1
311	Regulation of Hepatic Inflammation via Macrophage Cell Death. Seminars in Liver Disease, 2018, 38, 340-350.	1.8	31
312	Anionic 1,2-distearoyl-sn-glycero-3-phosphoglycerol (DSPG) liposomes induce antigen-specific regulatory T cells and prevent atherosclerosis in mice. Journal of Controlled Release, 2018, 291, 135-146.	4.8	54
313	Efferocytosis in the tumor microenvironment. Seminars in Immunopathology, 2018, 40, 545-554.	2.8	93
314	Antibody targeting of phosphatidylserine for the detection and immunotherapy of cancer. ImmunoTargets and Therapy, 2018, Volume 7, 1-14.	2.7	34
315	Linking stress and immunity: Immunoglobulin A as a non-invasive physiological biomarker in animal welfare studies. Hormones and Behavior, 2018, 102, 55-68.	1.0	56
316	TIM-1ÂUbiquitination Mediates Dengue Virus Entry. Cell Reports, 2018, 23, 1779-1793.	2.9	75
317	Receptors That Inhibit Macrophage Activation: Mechanisms and Signals of Regulation and Tolerance. Journal of Immunology Research, 2018, 2018, 1-14.	0.9	21
318	Sensitivity of peripheral membrane proteins to the membrane context: A case study of phosphatidylserine and the TIM proteins. Biochimica Et Biophysica Acta - Biomembranes, 2018, 1860, 2126-2133.	1.4	13
319	Subcutaneous administration of Lyso-phosphatidylserine nanoparticles induces immunological tolerance towards Factor VIII in a Hemophilia A mouse model. International Journal of Pharmaceutics, 2018, 548, 642-648.	2.6	11
320	Similarities and differences in surface receptor expression by THP-1 monocytes and differentiated macrophages polarized using seven different conditioning regimens. Cellular Immunology, 2018, 332, 58-76.	1.4	68
321	Extracellular vesicles – biogenesis, composition, function, uptake and therapeutic applications. Biologia (Poland), 2018, 73, 437-448.	0.8	16
322	Resolution of chronic inflammatory disease: universal and tissue-specific concepts. Nature Communications, 2018, 9, 3261.	5.8	272
323	Hepatic Ischemic Preconditioning Alleviates Ischemia-Reperfusion Injury by Decreasing TIM4 Expression. International Journal of Biological Sciences, 2018, 14, 1186-1195.	2.6	15
324	TIM-1 Mediates Dystroglycan-Independent Entry of Lassa Virus. Journal of Virology, 2018, 92, .	1.5	66
325	Comparison of Phosphatidylserine-Exposing Red Blood Cells, Fragmented Red Blood Cells and Red Blood Cell-Derived Microparticles in β-Thalassemia/HbE Patients. Laboratory Medicine, 2019, 50, 47-53.	0.8	9
326	Red Blood Cells: Chasing Interactions. Frontiers in Physiology, 2019, 10, 945.	1.3	92
327	TIM-1 serves as a receptor for Ebola virus in vivo, enhancing viremia and pathogenesis. PLoS Neglected Tropical Diseases, 2019, 13, e0006983.	1.3	38

#	Article	IF	CITATIONS
328	Roles of phosphatidylserine exposed on the viral envelope and cell membrane in HIV-1 replication. Cell Communication and Signaling, 2019, 17, 132.	2.7	32
329	Hijacking the Host Immune Cells by Dengue Virus: Molecular Interplay of Receptors and Dengue Virus Envelope. Microorganisms, 2019, 7, 323.	1.6	15
330	TIM-1 As a Signal Receptor Triggers Dengue Virus-Induced Autophagy. International Journal of Molecular Sciences, 2019, 20, 4893.	1.8	14
331	Regulatory functions of B cells and regulatory plasma cells. Biomedical Journal, 2019, 42, 233-242.	1.4	36
332	Biomechanical characterization of TIM protein–mediated Ebola virus–host cell adhesion. Scientific Reports, 2019, 9, 267.	1.6	29
333	The mannose 6-phosphate/insulin-like growth factor 2 receptor mediates plasminogen-induced efferocytosis. Journal of Leukocyte Biology, 2019, 105, 519-530.	1.5	8
334	Prognostic value of TIM-1 expression in human non-small-cell lung cancer. Journal of Translational Medicine, 2019, 17, 178.	1.8	16
335	Death for life: a path from apoptotic signaling to tissue-scale effects of apoptotic epithelial extrusion. Cellular and Molecular Life Sciences, 2019, 76, 3571-3581.	2.4	9
336	Development of innate immunity in chicken embryos and newly hatched chicks: a disease control perspective. Avian Pathology, 2019, 48, 288-310.	0.8	46
337	Two Nimrod receptors, NimC1 and Eater, synergistically contribute to bacterial phagocytosis in <i>DrosophilaÂmelanogaster</i> . FEBS Journal, 2019, 286, 2670-2691.	2.2	35
338	Voices from the dead: The complex vocabulary and intricate grammar of dead cells. Advances in Protein Chemistry and Structural Biology, 2019, 116, 1-90.	1.0	3
339	Activation of death-associated protein kinase 1 promotes neutrophil apoptosis to accelerate inflammatory resolution in acute respiratory distress syndrome. Laboratory Investigation, 2019, 99, 1143-1156.	1.7	9
340	Characterization of a phospholipidâ€regulated βâ€galactosidase from <i>Akkermansia muciniphila</i> involved in mucin degradation. MicrobiologyOpen, 2019, 8, e00796.	1.2	22
341	TIM family gene polymorphism and susceptibility to rheumatoid arthritis: Systematic review and meta-analysis. PLoS ONE, 2019, 14, e0211146.	1.1	6
342	Is Resolution the End of Inflammation?. Trends in Molecular Medicine, 2019, 25, 198-214.	3.5	131
343	Blockade of TIM-1 on the donor graft ameliorates graft-versus-host disease following hematopoietic cell transplantation. Blood Advances, 2019, 3, 3419-3431.	2.5	4
344	Systemic Immune Response to Traumatic CNS Injuries—Are Extracellular Vesicles the Missing Link?. Frontiers in Immunology, 2019, 10, 2723.	2.2	37
345	Co-signal Molecules in T Cell Activation. Advances in Experimental Medicine and Biology, 2019, , .	0.8	6

#	Article	IF	CITATIONS
346	Significance of TIM3 expression in cancer: From biology to the clinic. Seminars in Oncology, 2019, 46, 372-379.	0.8	49
347	IL-4/IL-13 polarization of macrophages enhances Ebola virus glycoprotein-dependent infection. PLoS Neglected Tropical Diseases, 2019, 13, e0007819.	1.3	27
348	Recent Advances in Design of Fluorescence-Based Assays for High-Throughput Screening. Analytical Chemistry, 2019, 91, 482-504.	3.2	99
349	Internalization of Exosomes through Receptor-Mediated Endocytosis. Molecular Cancer Research, 2019, 17, 337-347.	1.5	187
350	A scaffold for signaling of Tim-4-mediated efferocytosis is formed by fibronectin. Cell Death and Differentiation, 2019, 26, 1646-1655.	5.0	21
351	Effect of soluble cleavage products of important receptors/ligands on efferocytosis: Their role in inflammatory, autoimmune and cardiovascular disease. Ageing Research Reviews, 2019, 50, 43-57.	5.0	35
352	Tim4 regulates NALP3 inflammasome expression and activity during monocyte/macrophage dysfunction in septic shock patients. Burns, 2020, 46, 652-662.	1.1	6
353	TIM3 comes of age as an inhibitory receptor. Nature Reviews Immunology, 2020, 20, 173-185.	10.6	535
354	Annexin V expression on CD4+T cells with regulatory function. Immunology, 2020, 159, 205-220.	2.0	4
355	Structural insight into T cell coinhibition by PD-1H (VISTA). Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 1648-1657.	3.3	29
356	Association of Tim-4 expression in monocyte subtypes with clinical course and prognosis in acute ischemic stroke patients. International Journal of Neuroscience, 2020, 130, 906-916.	0.8	5
357	Inhibition of TIMâ€4 protects against cerebral ischaemiaâ€reperfusion injury. Journal of Cellular and Molecular Medicine, 2020, 24, 1276-1285.	1.6	8
358	TIM-3 and TIGIT are possible immune checkpoint targets in patients with bladder cancer. Urologic Oncology: Seminars and Original Investigations, 2022, 40, 403-406.	0.8	9
359	Pik3c3 deficiency in myeloid cells imparts partial resistance to experimental autoimmune encephalomyelitis associated with reduced IL-11 ² production. Cellular and Molecular Immunology, 2021, 18, 2024-2039.	4.8	12
360	A novel antibody targeting TIM-3 resulting in receptor internalization for cancer immunotherapy. Antibody Therapeutics, 2020, 3, 227-236.	1.2	12
361	Extracellular vesicles in virus infection and pathogenesis. Current Opinion in Virology, 2020, 44, 129-138.	2.6	25
362	Macrophages Orchestrate Hematopoietic Programs and Regulate HSC Function During Inflammatory Stress. Frontiers in Immunology, 2020, 11, 1499.	2.2	26
363	Tim-4 functions as a scavenger receptor for phagocytosis of exogenous particles. Cell Death and Disease, 2020, 11, 561.	2.7	11

#	Article	IF	CITATIONS
364	<p>Knockdown of T Cell Immunoglobulin and Mucin 1 (Tim-1) Suppresses Glioma Progression Through Inhibition of the Cytokine-PI3K/AKT Pathway</p> . OncoTargets and Therapy, 2020, Volume 13, 7433-7445.	1.0	4
365	<p>Monocytes and Macrophages in Alpha-1 Antitrypsin Deficiency</p> . International Journal of COPD, 2020, Volume 15, 3183-3192.	0.9	17
366	Post-translational modifications of the ligands: Requirement for TAM receptor activation. International Review of Cell and Molecular Biology, 2020, 357, 35-55.	1.6	1
367	Phagocytosis: Our Current Understanding of a Universal Biological Process. Frontiers in Immunology, 2020, 11, 1066.	2.2	295
368	Regulation of efferocytosis as a novel cancer therapy. Cell Communication and Signaling, 2020, 18, 71.	2.7	41
369	Exosome mimicry by a HAVCR1–NPC1 pathway of endosomal fusion mediates hepatitis A virus infection. Nature Microbiology, 2020, 5, 1096-1106.	5.9	39
370	Identification, expression pattern, and immune response of <i>Timâ€1</i> and <i>Timâ€4</i> in embryos and adult medaka (<i>Oryzias latipes</i>). Journal of Experimental Zoology Part B: Molecular and Developmental Evolution, 2020, 334, 235-244.	0.6	0
371	Phagocytosis: Phenotypically Simple Yet a Mechanistically Complex Process. International Reviews of Immunology, 2020, 39, 118-150.	1.5	16
372	Macrophage mediation in normal and diabetic wound healing responses. Inflammation Research, 2020, 69, 347-363.	1.6	50
373	Biological Function and Immunotherapy Utilizing Phosphatidylserine-based Nanoparticles. Immunological Investigations, 2020, 49, 858-874.	1.0	8
374	Tim-3 finds its place in the cancer immunotherapy landscape. , 2020, 8, e000911.		237
375	The Tim gene family in efferocytosis. Genes and Genomics, 2020, 42, 979-986.	0.5	9
376	Mertk Interacts with Tim-4 to Enhance Tim-4-Mediated Efferocytosis. Cells, 2020, 9, 1625.	1.8	15
377	T-cell immunoglobulin and mucin (TIM) contributes to the infection of human airway epithelial cells by pseudotype viruses containing Hantaan virus glycoproteins. Virology, 2020, 543, 54-62.	1.1	14
378	Phagocytosis of Necrotic Debris at Sites of Injury and Inflammation. Frontiers in Immunology, 2019, 10, 3030.	2.2	104
379	New Advances in Targeting the Resolution of Inflammation: Implications for Specialized Pro-Resolving Mediator GPCR Drug Discovery. ACS Pharmacology and Translational Science, 2020, 3, 88-106.	2.5	80
380	Tim-4 in Health and Disease: Friend or Foe?. Frontiers in Immunology, 2020, 11, 537.	2.2	29
381	Phagocytosis of Apoptotic Cells in Resolution of Inflammation. Frontiers in Immunology, 2020, 11, 553.	2.2	156

#	Article	IF	CITATIONS
382	Autoantigen-specific immune tolerance in pathological and physiological cell death: Nanotechnology comes into view. International Immunopharmacology, 2021, 90, 107177.	1.7	11
383	Macrophageâ€Mediated Tumor Cell Phagocytosis: Opportunity for Nanomedicine Intervention. Advanced Functional Materials, 2021, 31, 2006220.	7.8	63
384	Pathogenicity and virulence of hepatitis A virus. Virulence, 2021, 12, 1174-1185.	1.8	19
385	Phagocytosis. , 2022, , 99-109.		2
386	Use of bioinformatic database analysis and specimen verification to identify novel biomarkers predicting gastric cancer metastasis. Journal of Cancer, 2021, 12, 5967-5976.	1.2	6
387	Potential Mechanisms and Effects of Efferocytosis in Atherosclerosis. Frontiers in Endocrinology, 2020, 11, 585285.	1.5	30
388	Tim4 recognizes carbon nanotubes and mediates phagocytosis leading to granuloma formation. Cell Reports, 2021, 34, 108734.	2.9	16
389	Recent Advances in Costimulatory Blockade to Induce Immune Tolerance in Liver Transplantation. Frontiers in Immunology, 2021, 12, 537079.	2.2	5
390	Recent advances in dead cell clearance during acute lung injury and repair. Faculty Reviews, 2021, 10, 33.	1.7	9
391	New Perspectives in the Study of Intestinal Inflammation: Focus on the Resolution of Inflammation. International Journal of Molecular Sciences, 2021, 22, 2605.	1.8	11
392	Immunosuppressive Mechanisms of Regulatory B Cells. Frontiers in Immunology, 2021, 12, 611795.	2.2	131
393	TIM4 expression by dendritic cells mediates uptake of tumor-associated antigens and anti-tumor responses. Nature Communications, 2021, 12, 2237.	5.8	35
394	Phagocytic clearance of apoptotic, necrotic, necroptotic and pyroptotic cells. Biochemical Society Transactions, 2021, 49, 793-804.	1.6	23
395	Indole-3-Carbinol–Dependent Aryl Hydrocarbon Receptor Signaling Attenuates the Inflammatory Response in Experimental Necrotizing Enterocolitis. ImmunoHorizons, 2021, 5, 193-209.	0.8	14
396	HDAC2 targeting stabilizes the CoREST complex in renal tubular cells and protects against renal ischemia/reperfusion injury. Scientific Reports, 2021, 11, 9018.	1.6	10
397	Having an Old Friend for Dinner: The Interplay between Apoptotic Cells and Efferocytes. Cells, 2021, 10, 1265.	1.8	9
398	EphA2 Interacts with Tim-4 through Association between Its FN3 Domain and the IgV Domain of Tim-4. Cells, 2021, 10, 1290.	1.8	1
400	Kidney Injury Molecule 1 (KIM-1): a Multifunctional Clycoprotein and Biological Marker (Review). Sovremennye Tehnologii V Medicine, 2021, 13, 64.	0.4	34

#	Article	IF	CITATIONS
401	Kidney Injury Molecule-1 in the detection of early kidney injury in dogs with leptospirosis. Comparative Immunology, Microbiology and Infectious Diseases, 2021, 76, 101637.	0.7	4
402	The Phagocytic Code Regulating Phagocytosis of Mammalian Cells. Frontiers in Immunology, 2021, 12, 629979.	2.2	44
403	Macrophage phagocytosis after spinal cord injury: when friends become foes. Brain, 2021, 144, 2933-2945.	3.7	59
404	TIMâ€3 in normal and malignant hematopoiesis: Structure, function, and signaling pathways. Cancer Science, 2021, 112, 3419-3426.	1.7	18
405	Conserved and Distinct Elements of Phagocytosis in Human and C. elegans. International Journal of Molecular Sciences, 2021, 22, 8934.	1.8	10
406	Structure and Functions of T-cell Immunoglobulin-domain and Mucin- domain Protein 3 in Cancer. Current Medicinal Chemistry, 2022, 29, 1851-1865.	1.2	4
407	The Multiple Facets of Iron Recycling. Genes, 2021, 12, 1364.	1.0	22
408	Artificial apoptotic cells/VEGF-loaded injectable hydrogel united with immunomodification and revascularization functions to reduce cardiac remodeling after myocardial infarction. Nano Today, 2021, 39, 101227.	6.2	23
409	Novel Roles of the Tim Family in Immune Regulation and Autoimmune Diseases. Frontiers in Immunology, 2021, 12, 748787.	2.2	13
410	Rational design of a nanoparticle platform for oral prophylactic immunotherapy to prevent immunogenicity of therapeutic proteins. Scientific Reports, 2021, 11, 17853.	1.6	7
411	How Tim proteins differentially exploit membrane features to attain robust target sensitivity. Biophysical Journal, 2021, 120, 4891-4902.	0.2	5
412	Enveloped RNA virus utilization of phosphatidylserine receptors: Advantages of exploiting a conserved, widely available mechanism of entry. PLoS Pathogens, 2021, 17, e1009899.	2.1	7
413	Harnessing EV communication to restore antitumor immunity. Advanced Drug Delivery Reviews, 2021, 176, 113838.	6.6	7
414	Novel concepts in red blood cell clearance. Current Opinion in Hematology, 2021, 28, 438-444.	1.2	5
415	In-vitro antiviral action of Eupatorium perfoliatum against dengue virus infection: Modulation of mTOR signaling and autophagy. Journal of Ethnopharmacology, 2022, 282, 114627.	2.0	9
416	Comparative Characterization of Non-professional and Professional Phagocyte Responses to Apoptotic Cells. , 2009, , 189-215.		1
417	Results of Defective Clearance of Apoptotic Cells: Lessons from Knock-out Mouse Models. , 2009, , 271-298.		5
418	Specialized Pro-resolving Mediators Directs Cardiac Healing and Repair with Activation of Inflammation and Resolution Program in Heart Failure. Advances in Experimental Medicine and Biology, 2019, 1161, 45-64.	0.8	16

#	Article	IF	Citations
419	TIM Gene Family and Their Role in Atopic Diseases. Current Topics in Microbiology and Immunology, 2008, 321, 201-215.	0.7	12
421	Costimulation Blockade in Transplantation. Advances in Experimental Medicine and Biology, 2019, 1189, 267-312.	0.8	8
422	Coupling X-Ray Reflectivity and In Silico Binding to Yield Dynamics of Membrane Recognition by Tim1. Biophysical Journal, 2017, 113, 1505-1519.	0.2	17
423	Phenotypic and functional characterization of first-trimester human placental macrophages, Hofbauer cells. Journal of Experimental Medicine, 2021, 218, .	4.2	98
425	Recognition and Removal of Apoptotic Cells. , 0, , 341-P1.		2
426	Molecular Mechanisms of Phagosome Formation. , 0, , 507-526.		3
427	Antagonism of TIM-1 blocks the development of disease in a humanized mouse model of allergic asthma. Journal of Clinical Investigation, 2010, 120, 2767-2781.	3.9	42
428	A polymorphism in TIM1 is associated with susceptibility to severe hepatitis A virus infection in humans. Journal of Clinical Investigation, 2011, 121, 1111-1118.	3.9	68
429	Fragile TIM-4–expressing tissue resident macrophages are migratory and immunoregulatory. Journal of Clinical Investigation, 2014, 124, 3443-3454.	3.9	56
430	Murine Tim-1 is excluded from the immunological synapse. F1000Research, 2012, 1, 10.	0.8	5
431	Kidney Injury Molecule-1 Is Up-Regulated in Renal Epithelial Cells in Response to Oxalate In Vitro and in Renal Tissues in Response to Hyperoxaluria In Vivo. PLoS ONE, 2012, 7, e44174.	1.1	23
432	Induction of TGF-β1 Synthesis by Macrophages in Response to Apoptotic Cells Requires Activation of the Scavenger Receptor CD36. PLoS ONE, 2013, 8, e72772.	1.1	38
433	Protein C Inhibitor (PCI) Binds to Phosphatidylserine Exposing Cells with Implications in the Phagocytosis of Apoptotic Cells and Activated Platelets. PLoS ONE, 2014, 9, e101794.	1.1	8
434	Efferocytosis Creates a Tumor Microenvironment Supportive of Tumor Survival and Metastasis. Cancer Cell & Microenvironment, 2015, 2, .	0.8	22
435	TIM-4 is differentially expressed in the distinct subsets of dendritic cells in skin and skin-draining lymph nodes and controls skin Langerhans cell homeostasis. Oncotarget, 2016, 7, 37498-37512.	0.8	16
436	Pharmacological Tools to Activate Microglia and their Possible use to Study Neural Network Patho-physiology. Current Neuropharmacology, 2017, 15, 595-619.	1.4	10
437	The Neutrophil: An Underappreciated But Key Player in SLE Pathogenesis. Current Immunology Reviews, 2014, 9, 222-230.	1.2	1
438	Targeting Tumor-Associated Macrophages in the Pediatric Sarcoma Tumor Microenvironment. Frontiers in Oncology, 2020, 10, 581107.	1.3	14

# 439	ARTICLE Primary Phagocytosis of Neurons by Inflamed Microglia: Potential Roles in Neurodegeneration. Frontiers in Pharmacology, 2012, 3, 27.	IF 1.6	CITATIONS
440	Co-Stimulatory Receptors in Cancers and Their Implications for Cancer Immunotherapy. Immune Network, 2020, 20, e3.	1.6	45
441	Phagocytosis. Colloquium Series on Building Blocks of the Cell Cell Structure and Function, 2013, 1, 1-105.	0.5	2
442	Hepatitis A virus, TIM-1 and allergy. , 2009, , 77-92.		0
443	Roles in Immune Responses. , 2014, , 115-144.		0
445	Apoptotic Cell Clearance: An Orchestra With Still Too Many Unknown Players. International Journal of Cancer Studies & Research, 0, , 1-2.	0.0	0
446	Mast cell activation is enhanced by Tim1:Tim4 interaction but not by Tim-1 antibodies. F1000Research, 2016, 5, 251.	0.8	2
447	Mast cell activation is enhanced by Tim1:Tim4 interaction but not by Tim-1 antibodies. F1000Research, 2016, 5, 251.	0.8	2
448	Trauma, Regulated Cell Death, and Inflammation. , 2017, , 253-281.		0
449	Apoptotic Cell Clearance in Gut Tissue: Role of Intestinal Regeneration. Pancreatic Islet Biology, 2018, , 87-100.	0.1	0
452	Akkermansia muciniphila and host interaction within the intestinal tract. Anaerobe, 2021, 72, 102472.	1.0	5
453	Efficacy of Dual-Targeting Combined Anti-Tuberculosis Drug Delivery System in the Treatment of Tuberculous Meningitis. Journal of Biomedical Nanotechnology, 2021, 17, 2034-2042.	0.5	4
455	Murine Tim-1 is excluded from the immunological synapse. F1000Research, 2012, 1, 10.	0.8	4
457	Regulation of cancer stem cell activities by tumor-associated macrophages. American Journal of Cancer Research, 2012, 2, 529-39.	1.4	24
458	Tim-1-Fc suppresses chronic cardiac allograft rejection and vasculopathy by reducing IL-17 production. International Journal of Clinical and Experimental Pathology, 2014, 7, 509-20.	0.5	5
459	TIM-1 attenuates the protection of ischemic preconditioning for ischemia reperfusion injury in liver transplantation. American Journal of Translational Research (discontinued), 2017, 9, 3665-3675.	0.0	4
460	Understanding kidney injury molecule 1: a novel immune factor in kidney pathophysiology. American Journal of Translational Research (discontinued), 2019, 11, 1219-1229.	0.0	45
461	Regulation of Tim-3 function by binding to phosphatidylserine. Biochemical Journal, 2021, 478, 3999-4004.	1.7	2

	Сітат	CITATION REPORT	
#	Article	IF	Citations
462	Phosphatidylserine receptors enhance SARS-CoV-2 infection. PLoS Pathogens, 2021, 17, e1009743.	2.1	55
463	523â€A subset of mature neutrophils contains the strongest PMN-MDSC activity in blood and tissue of patients with head and neck cancer. , 2020, , .		0
464	212â€CLEC-1 is a novel myeloid immune checkpoint for cancer immunotherapy limiting tumor cells phagocytosis and synergizing with tumor-targeted antibodies. , 2020, , .		0
465	The role of phosphatidylserine on the membrane in immunity and blood coagulation. Biomarker Research, 2022, 10, 4.	2.8	30
466	The interactions of flaviviruses with cellular receptors: Implications for virus entry. Virology, 2022, 568, 77-85.	1.1	6
467	Rheumatoid arthritis: immunogenetic factors and immune therapies. , 2022, , 279-307.		3
468	The functional role of soluble proteins acquired by extracellular vesicles. , 2022, 1, .		5
469	Phosphatidylserine released from apoptotic cells in tumor induces M2â€like macrophage polarization through the PSRâ€STAT3â€JMJD3 axis. Cancer Communications, 2022, 42, 205-222.	3.7	20
470	Rubicon promotes rather than restricts murine lupus and is not required for LC3-associated phagocytosis. JCI Insight, 2022, 7, .	2.3	3
471	Immune Regulatory Processes of the Tumor Microenvironment under Malignant Conditions. International Journal of Molecular Sciences, 2021, 22, 13311.	1.8	54
474	Crosstalk between Heme Oxygenase-1 and Iron Metabolism in Macrophages: Implications for the Modulation of Inflammation and Immunity. Antioxidants, 2022, 11, 861.	2.2	10
475	Engineering Injectable Antiâ€Inflammatory Hydrogels to Treat Acute Myocardial Infarction. Advanced NanoBiomed Research, 2022, 2, .	1.7	6
476	Tim-1 mucin domain-mutant mice display exacerbated atherosclerosis. Atherosclerosis, 2022, 352, 1-9.	0.4	3
477	Drugging the efferocytosis process: concepts and opportunities. Nature Reviews Drug Discovery, 2022, 21, 601-620.	21.5	91
480	Phagocytic microglia and macrophages in brain injury and repair. CNS Neuroscience and Therapeutics, 2022, 28, 1279-1293.	1.9	38
483	Autophagy, apoptosis, necroptosis, pyroptosis and netosis in pathogenesis of immune-inflammatory rheumatic diseases. Medical Immunology (Russia), 2022, 24, 659-704.	0.1	1
484	Emerging Concepts in Defective Macrophage Phagocytosis in Cystic Fibrosis. International Journal of Molecular Sciences, 2022, 23, 7750.	1.8	7
485	Efferocytosis in lung mucosae: implications for health and disease. Immunology Letters, 2022, 248, 109-118.	1.1	3

#	Article	IF	CITATIONS
486	CD47 as a promising therapeutic target in oncology. Frontiers in Immunology, 0, 13, .	2.2	15
487	KIM-1 augments hypoxia-induced tubulointerstitial inflammation through uptake of small extracellular vesicles by tubular epithelial cells. Molecular Therapy, 2023, 31, 1437-1450.	3.7	9
488	A Population of TIM4+FOLR2+ Macrophages Localized in Tertiary Lymphoid Structures Correlates to an Active Immune Infiltrate Across Several Cancer Types. Cancer Immunology Research, 2022, 10, 1340-1353.	1.6	11
489	Single Nucleotide Variants of the Human TIM-1 IgV Domain with Reduced Ability to Promote Viral Entry into Cells. Viruses, 2022, 14, 2124.	1.5	0
490	Defective efferocytosis of vascular cells in heart disease. Frontiers in Cardiovascular Medicine, 0, 9, .	1.1	3
491	Dynamics of phagocytosis mediated by phosphatidylserine. Biochemical Society Transactions, 2022, 50, 1281-1291.	1.6	6
492	Autofluorescence identifies highly phagocytic tissue-resident macrophages in mouse and human skin and cutaneous squamous cell carcinoma. Frontiers in Immunology, 0, 13, .	2.2	0
493	Novel engineered chimeric engulfment receptors trigger T-cell effector functions against SIV infected CD4+ T cells. Molecular Therapy - Methods and Clinical Development, 2022, , .	1.8	2
494	Tim-3: An inhibitory immune checkpoint is associated with maternal-fetal tolerance and recurrent spontaneous abortion. Clinical Immunology, 2022, 245, 109185.	1.4	4
495	Efferocytosis in the Tumor Microenvironment. , 2016, , 178-183.		0
496	Function and characteristics of TIM‑4 inÂimmune regulation and disease (Review). International Journal of Molecular Medicine, 2022, 51, .	1.8	1
498	Identification of a PD-L1+Tim-1+ iNKT subset that protects against fine particulate matter–induced airway inflammation. JCI Insight, 2022, 7, .	2.3	4
499	In or out of control: Modulating regulatory T cell homeostasis and function with immune checkpoint pathways. Frontiers in Immunology, 0, 13, .	2.2	6
500	Chimeric engulfment receptors: A new cell therapy approach for SIV and HIV infection. Molecular Therapy - Methods and Clinical Development, 2023, 28, 160-161.	1.8	0
502	Chikungunya virus entry and infectivity is primarily facilitated through cell line dependent attachment factors in mammalian and mosquito cells. Frontiers in Cell and Developmental Biology, 0, 11, .	1.8	3
503	Combined phospholipids adjuvant augments anti-tumor immune responses through activated tumor-associated dendritic cells. Neoplasia, 2023, 39, 100893.	2.3	1
504	Tim4, a macrophage receptor for apoptotic cells, binds polystyrene microplastics via aromatic-aromatic interactions. Science of the Total Environment, 2023, 875, 162586.	3.9	4
505	TIM-4 orchestrates mitochondrial homeostasis to promote lung cancer progression via ANXA2/PI3K/AKT/OPA1 axis. Cell Death and Disease, 2023, 14, .	2.7	2

#	Article	IF	CITATIONS
506	Inflammatory Cell Dynamics after Murine Femoral Artery Wire Injury: A Multi-Parameter Flow Cytometry-Based Analysis. Cells, 2023, 12, 689.	1.8	0
507	Targeting macrophages in atherosclerosis using nanocarriers loaded with liver X receptor agonists: A narrow review. Frontiers in Molecular Biosciences, 0, 10, .	1.6	2
509	Carbon nanotube recognition by human Siglec-14 provokes inflammation. Nature Nanotechnology, 2023, 18, 628-636.	15.6	9
519	After cell death: the molecular machinery of efferocytosis. Experimental and Molecular Medicine, 2023, 55, 1644-1651.	3.2	1
521	Systemic Oncosphere: Host Innate Immune System. , 2023, , 419-442.		0