Akiko Shiratsuchi

List of Publications by Year in Descending Order

67 papers	2,705 citations	28 h-index	51 g-index
70 ext. papers	2,929 ext. citations	4.5 avg, IF	4.53 L-index

#	Paper	IF	Citations
67	Role for phagocytosis in the prevention of neoplastic transformation in Drosophila. *Genes To Cells*, **2020**, 25, 675-684	2.3	1
66	Signaling pathway for phagocyte priming upon encounter with apoptotic cells. *Journal of Biological Chemistry*, **2017**, 292, 8059-8072	5.4	15
65	Protective effects of Phaseolus vulgaris lectin against viral infection in Drosophila. *Drug Discoveries and Therapeutics*, **2017**, 11, 329-335	5	5
64	Mechanisms and Significance of Phagocytic Elimination of Cells Undergoing Apoptotic Death. *Biological and Pharmaceutical Bulletin*, **2017**, 40, 1819-1827	2.3	7
63	Induction of Apoptosis and Subsequent Phagocytosis of Virus-Infected Cells As an Antiviral Mechanism. *Frontiers in Immunology*, **2017**, 8, 1220	8.4	53
62	Inhibition of Phagocytic Killing of Escherichia coli in Drosophila Hemocytes by RNA Chaperone Hfq. *Journal of Immunology*, **2016**, 197, 1298-307	5.3	2
61	Peptidoglycan recognition protein-triggered induction of Escherichia coli gene in Drosophila melanogaster. *Journal of Biochemistry*, **2015**, 157, 507-17	3.1	1
60	Protection of Insects against Viral Infection by Apoptosis-Dependent Phagocytosis. *Journal of Immunology*, **2015**, 195, 5696-706	5.3	43
59	Role for □8 in prolonged survival of Escherichia coli in Drosophila melanogaster. *Journal of Immunology*, **2014**, 192, 666-75	5.3	4
58	Involvement of EnvZ-OmpR two-component system in virulence control of Escherichia coli in Drosophila melanogaster. *Biochemical and Biophysical Research Communications*, **2013**, 438, 306-11	3.4	8
57	Integrin □S3/□mediated phagocytosis of apoptotic cells and bacteria in Drosophila. *Journal of Biological Chemistry*, **2013**, 288, 10374-80	5.4	45
56	Differences in the mode of phagocytosis of bacteria between macrophages and testicular Sertoli cells. *Drug Discoveries and Therapeutics*, **2013**, 7, 73-7	5	10
55	Independent recognition of Staphylococcus aureus by two receptors for phagocytosis in Drosophila. *Journal of Biological Chemistry*, **2012**, 287, 21663-72	5.4	48
54	Apoptosis-dependent externalization and involvement in apoptotic cell clearance of DmCaBP1, an endoplasmic reticulum protein of Drosophila. *Journal of Biological Chemistry*, **2012**, 287, 3138-46	5.4	18
53	Phagocytic removal of cells that have become unwanted: implications for animal development and tissue homeostasis. *Development Growth and Differentiation*, **2011**, 53, 149-60	3	19
52	93-kDa twin-domain serine protease inhibitor (Serpin) has a regulatory function on the beetle Toll proteolytic signaling cascade. *Journal of Biological Chemistry*, **2011**, 286, 35087-95	5.4	21
51	Auxiliary role for D-alanylated wall teichoic acid in Toll-like receptor 2-mediated survival of Staphylococcus aureus in macrophages. *Immunology*, **2010**, 129, 268-77	7.8	19

50	Inhibitory role for D-alanylation of wall teichoic acid in activation of insect Toll pathway by peptidoglycan of Staphylococcus aureus. *Journal of Immunology*, **2010**, 185, 2424-31	5.3	26
49	The Triacylated ATP Binding Cluster Transporter Substrate-binding Lipoprotein of Staphylococcus aureus Functions as a Native Ligand for Toll-like Receptor 2. *Journal of Biological Chemistry*, **2009**, 284, 8406-11	5.4	115
48	Identification of lipoteichoic acid as a ligand for draper in the phagocytosis of Staphylococcus aureus by Drosophila hemocytes. *Journal of Immunology*, **2009**, 183, 7451-60	5.3	65
47	Pretaporter, a Drosophila protein serving as a ligand for Draper in the phagocytosis of apoptotic cells. *EMBO Journal*, **2009**, 28, 3868-78	13	57
46	Pattern recognition in phagocytic clearance of altered self. *Advances in Experimental Medicine and Biology*, **2009**, 653, 129-38	3.6	14
45	Signalling pathway involving GULP, MAPK and Rac1 for SR-BI-induced phagocytosis of apoptotic cells. *Journal of Biochemistry*, **2009**, 145, 387-94	3.1	32
44	Inhibitory effect of N-palmitoylphosphatidylethanolamine on macrophage phagocytosis through inhibition of Rac1 and Cdc42. *Journal of Biochemistry*, **2009**, 145, 43-50	3.1	21
43	Involvement of cannabinoid receptor CB2 in dectin-1-mediated macrophage phagocytosis. *Immunology and Cell Biology*, **2008**, 86, 179-84	5	13
42	Bridging effect of recombinant human mannose-binding lectin in macrophage phagocytosis of Escherichia coli. *Immunology*, **2008**, 124, 575-83	7.8	14
41	Mechanisms and Consequences of Phagocytosis of Influenza Virus-Infected Cells. *Anti-Inflammatory and Anti-Allergy Agents in Medicinal Chemistry*, **2008**, 7, 97-100	2	3
40	Identification of calreticulin as a marker for phagocytosis of apoptotic cells in Drosophila. *Experimental Cell Research*, **2007**, 313, 500-10	4.2	51
39	TLR2-mediated survival of Staphylococcus aureus in macrophages: a novel bacterial strategy against host innate immunity. *Journal of Immunology*, **2007**, 178, 4917-25	5.3	75
38	Evidence for phagocytosis of influenza virus-infected, apoptotic cells by neutrophils and macrophages in mice. *Journal of Immunology*, **2007**, 178, 2448-57	5.3	190
37	Perturbation of spermatogenesis by androgen antagonists directly injected into seminiferous tubules of live mice. *Reproduction*, **2007**, 133, 21-7	3.8	5
36	Participation of nitric oxide reductase in survival of Pseudomonas aeruginosa in LPS-activated macrophages. *Biochemical and Biophysical Research Communications*, **2007**, 355, 587-91	3.4	52
35	Involvement of mitogen-activated protein kinases in class B scavenger receptor type I-induced phagocytosis of apoptotic cells. *Experimental Cell Research*, **2006**, 312, 1820-30	4.2	25
34	Involvement of COX-1 and up-regulated prostaglandin E synthases in phosphatidylserine liposome-induced prostaglandin E2 production by microglia. *Journal of Neuroimmunology*, **2006**, 172, 112-20	3.5	35
33	Selective expression of the scaffold protein JSAP1 in spermatogonia and spermatocytes. *Reproduction*, **2006**, 131, 711-9	3.8	6

32	Externalization and recognition by macrophages of large subunit of eukaryotic translation initiation factor 3 in apoptotic cells. *Experimental Cell Research*, **2005**, 309, 137-48	4.2	13
31	Distinct localization of lipid rafts and externalized phosphatidylserine at the surface of apoptotic cells. *Biochemical and Biophysical Research Communications*, **2005**, 327, 94-9	3.4	22
30	Augmentation of fatality of influenza in mice by inhibition of phagocytosis. *Biochemical and Biophysical Research Communications*, **2005**, 337, 881-6	3.4	37
29	In vivo analysis of phagocytosis of apoptotic cells by testicular Sertoli cells. *Molecular Reproduction and Development*, **2005**, 71, 166-77	2.6	46
28	Phosphatidylserine- and integrin-mediated phagocytosis of apoptotic luteal cells by macrophages of the rat. *Development Growth and Differentiation*, **2005**, 47, 153-61	3	10
27	Isolation of a Drosophila gene coding for a protein containing a novel phosphatidylserine-binding motif. *Journal of Biochemistry*, **2005**, 137, 593-9	3.1	8
26	Stimulation of phagocytosis of influenza virus-infected cells through surface desialylation of macrophages by viral neuraminidase. *Microbiology and Immunology*, **2004**, 48, 875-81	2.7	21
25	Inhibitory effect of Toll-like receptor 4 on fusion between phagosomes and endosomes/lysosomes in macrophages. *Journal of Immunology*, **2004**, 172, 2039-47	5.3	93
24	Draper-mediated and phosphatidylserine-independent phagocytosis of apoptotic cells by Drosophila hemocytes/macrophages. *Journal of Biological Chemistry*, **2004**, 279, 48466-76	5.4	146
23	Expression and function of class B scavenger receptor type I on both apical and basolateral sides of the plasma membrane of polarized testicular Sertoli cells of the rat. *Development Growth and Differentiation*, **2004**, 46, 283-98	3	22
22	Impaired spermatogenesis and male fertility defects in CIZ/Nmp4-disrupted mice. *Genes To Cells*, **2004**, 9, 575-89	2.3	28
21	Phagocytic removal of apoptotic spermatogenic cells by Sertoli cells: mechanisms and consequences. *Biological and Pharmaceutical Bulletin*, **2004**, 27, 13-6	2.3	121
20	Concomitant induction of apoptosis and expression of monocyte chemoattractant protein-1 in cultured rat luteal cells by nuclear factor-kappaB and oxidative stress. *Development Growth and Differentiation*, **2003**, 45, 351-9	3	15
19	A presumed human nuclear autoantigen that translocates to plasma membrane blebs during apoptosis. *Journal of Biochemistry*, **2003**, 133, 211-8	3.1	6
18	Phosphatidylserine binding of class B scavenger receptor type I, a phagocytosis receptor of testicular sertoli cells. *Journal of Biological Chemistry*, **2002**, 277, 27559-66	5.4	84
17	Structural change of ribosomes during apoptosis: degradation and externalization of ribosomal proteins in doxorubicin-treated Jurkat cells. *Journal of Biochemistry*, **2002**, 131, 485-93	3.1	15
16	Inhibition of sperm production in mice by annexin V microinjected into seminiferous tubules: possible etiology of phagocytic clearance of apoptotic spermatogenic cells and male infertility. *Cell Death and Differentiation*, **2002**, 9, 742-9	12.7	60
15	Determination of cell type specificity and estrous cycle dependency of monocyte chemoattractant protein-1 expression in corpora lutea of normally cycling rats in relation to apoptosis and monocyte/macrophage accumulation. *Biology of Reproduction*, **2002**, 67, 1502-8	3.9	14

List of Publications

14	Role of phosphatidylserine exposure and sugar chain desialylation at the surface of influenza virus-infected cells in efficient phagocytosis by macrophages. *Journal of Biological Chemistry*, **2002**, 277, 18222-8	5.4	29
13	Independence of plasma membrane blebbing from other biochemical and biological characteristics of apoptotic cells. *Journal of Biochemistry*, **2002**, 132, 381-6	3.1	25
12	Difference in the way of macrophage recognition of target cells depending on their apoptotic states. *Cell Death and Differentiation*, **2001**, 8, 1113-22	12.7	16
11	Phosphatidylserine-mediated phagocytosis of influenza A virus-infected cells by mouse peritoneal macrophages. *Journal of Virology*, **2000**, 74, 9240-4	6.6	44
10	Role of class B scavenger receptor type I in phagocytosis of apoptotic rat spermatogenic cells by Sertoli cells. *Journal of Biological Chemistry*, **1999**, 274, 5901-8	5.4	122
9	Essential role of phosphatidylserine externalization in apoptosing cell phagocytosis by macrophages. *Biochemical and Biophysical Research Communications*, **1998**, 246, 549-55	3.4	67
8	Recognition of phosphatidylserine on the surface of apoptotic spermatogenic cells and subsequent phagocytosis by Sertoli cells of the rat. *Journal of Biological Chemistry*, **1997**, 272, 2354-8	5.4	109
7	cDNA cloning of a novel brain-specific protein p25. *BBA - Proteins and Proteomics*, **1995**, 1251, 66-8		8
6	Glycogen synthase kinase 3 beta is identical to tau protein kinase I generating several epitopes of paired helical filaments. *FEBS Letters*, **1993**, 325, 167-72	3.8	320
5	Characterization of Bacillus caldotenax anthranilate synthase I produced in Escherichia coli and identification of its essential arginine residue by site-directed mutagenesis. *Journal of Biochemistry*, **1992**, 112, 714-8	3.1	1
4	A novel brain-specific 25 kDa protein (p25) is phosphorylated by a Ser/Thr-Pro kinase (TPK II) from tau protein kinase fractions. *FEBS Letters*, **1991**, 289, 37-43	3.8	62
3	Nucleotide sequence of trpE, anthranilate synthase I gene, of Bacillus caldotenax. *Biochimica Et Biophysica Acta Gene Regulatory Mechanisms*, **1991**, 1090, 348-50		5
2	Chymotrypsin-like activity of chicken liver multicatalytic proteinase resides in the smallest subunit. *BBA - Proteins and Proteomics*, **1990**, 1041, 269-72		11
1	Molecular cloning and the nucleotide sequence of the Clostridium thermocellum trpE gene. *Journal of Biochemistry*, **1989**, 105, 362-6	3.1	5