

Yoshinobu Nakanishi

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120
papers

4,524
citations

40
h-index

63
g-index

135
ext. papers

4,852
ext. citations

4.7
avg, IF

4.93
L-index

#	Paper	IF	Citations
120	Induction of programmed cell death (apoptosis) by influenza virus infection in tissue culture cells. <i>Journal of General Virology</i> , 1993 , 74 (Pt 11), 2347-55	4.9	277
119	Essential role of the apoptotic cell engulfment genes draper and ced-6 in programmed axon pruning during <i>Drosophila</i> metamorphosis. <i>Neuron</i> , 2006 , 50, 855-67	13.9	201
118	Evidence for phagocytosis of influenza virus-infected, apoptotic cells by neutrophils and macrophages in mice. <i>Journal of Immunology</i> , 2007 , 178, 2448-57	5.3	190
117	Draper-mediated and phosphatidylserine-independent phagocytosis of apoptotic cells by <i>Drosophila</i> hemocytes/macrophages. <i>Journal of Biological Chemistry</i> , 2004 , 279, 48466-76	5.4	146
116	Induction of apoptosis and Fas receptor/Fas ligand expression by ischemia/reperfusion in cardiac myocytes requires serine 727 of the STAT-1 transcription factor but not tyrosine 701. <i>Journal of Biological Chemistry</i> , 2001 , 276, 28340-7	5.4	135
115	Role of class B scavenger receptor type I in phagocytosis of apoptotic rat spermatogenic cells by Sertoli cells. <i>Journal of Biological Chemistry</i> , 1999 , 274, 5901-8	5.4	122
114	Phagocytic removal of apoptotic spermatogenic cells by Sertoli cells: mechanisms and consequences. <i>Biological and Pharmaceutical Bulletin</i> , 2004 , 27, 13-6	2.3	121
113	The Triacylated ATP Binding Cluster Transporter Substrate-binding Lipoprotein of <i>Staphylococcus aureus</i> Functions as a Native Ligand for Toll-like Receptor 2. <i>Journal of Biological Chemistry</i> , 2009 , 284, 8406-11	5.4	115
112	Recognition of phosphatidylserine on the surface of apoptotic spermatogenic cells and subsequent phagocytosis by Sertoli cells of the rat. <i>Journal of Biological Chemistry</i> , 1997 , 272, 2354-8	5.4	109
111	Virus clearance through apoptosis-dependent phagocytosis of influenza A virus-infected cells by macrophages. <i>Journal of Virology</i> , 2000 , 74, 3399-403	6.6	102
110	Expression of Fas and Fas ligand in normal and ischemia-reperfusion testes: involvement of the Fas system in the induction of germ cell apoptosis in the damaged mouse testis. <i>Biology of Reproduction</i> , 2001 , 64, 946-54	3.9	100
109	Inhibitory effect of Toll-like receptor 4 on fusion between phagosomes and endosomes/lysosomes in macrophages. <i>Journal of Immunology</i> , 2004 , 172, 2039-47	5.3	93
108	Activation of the apoptotic Fas antigen-encoding gene upon influenza virus infection involving spontaneously produced beta-interferon. <i>Virology</i> , 1995 , 209, 288-96	3.6	89
107	Direct effect of basic fibroblast growth factor on gene transcription in a cell-free system. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1992 , 89, 5216-20	11.5	88
106	Purification and preparation of antibody to RNA polymerase II stimulatory factors from Ehrlich ascites tumor cells. <i>Biochemistry</i> , 1979 , 18, 1582-8	3.2	87
105	Phosphatidylserine binding of class B scavenger receptor type I, a phagocytosis receptor of testicular sertoli cells. <i>Journal of Biological Chemistry</i> , 2002 , 277, 27559-66	5.4	84
104	TLR2-mediated survival of <i>Staphylococcus aureus</i> in macrophages: a novel bacterial strategy against host innate immunity. <i>Journal of Immunology</i> , 2007 , 178, 4917-25	5.3	75

103	Transcription stimulation of the Fas-encoding gene by nuclear factor for interleukin-6 expression upon influenza virus infection. <i>Journal of Biological Chemistry</i> , 1995 , 270, 18007-12	5.4	72
102	Differential expression of putative transbilayer amphipath transporters. <i>Physiological Genomics</i> , 1999 , 1, 139-50	3.6	68
101	Essential role of phosphatidylserine externalization in apoptosing cell phagocytosis by macrophages. <i>Biochemical and Biophysical Research Communications</i> , 1998 , 246, 549-55	3.4	67
100	Identification of lipoteichoic acid as a ligand for draper in the phagocytosis of Staphylococcus aureus by Drosophila hemocytes. <i>Journal of Immunology</i> , 2009 , 183, 7451-60	5.3	65
99	Co-expression of Fas and Fas-ligand on the surface of influenza virus-infected cells. <i>Cell Death and Differentiation</i> , 1998 , 5, 426-31	12.7	62
98	Molecular cloning of the rat Tpx-1 responsible for the interaction between spermatogenic and Sertoli cells. <i>Biochemical and Biophysical Research Communications</i> , 1998 , 248, 140-6	3.4	62
97	Transcription switch of two phosphoglycerate kinase genes during spermatogenesis as determined with mouse testis sections in situ. <i>Experimental Cell Research</i> , 1990 , 186, 273-8	4.2	62
96	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. <i>Cell Death and Differentiation</i> , 2002 , 9, 742-9	12.7	60
95	Pretaporter, a Drosophila protein serving as a ligand for Draper in the phagocytosis of apoptotic cells. <i>EMBO Journal</i> , 2009 , 28, 3868-78	13	57
94	Recruitment of apoptotic cysteine proteases (caspases) in influenza virus-induced cell death. <i>Microbiology and Immunology</i> , 1999 , 43, 245-52	2.7	56
93	Induction of Apoptosis and Subsequent Phagocytosis of Virus-Infected Cells As an Antiviral Mechanism. <i>Frontiers in Immunology</i> , 2017 , 8, 1220	8.4	53
92	Participation of nitric oxide reductase in survival of Pseudomonas aeruginosa in LPS-activated macrophages. <i>Biochemical and Biophysical Research Communications</i> , 2007 , 355, 587-91	3.4	52
91	Identification of calreticulin as a marker for phagocytosis of apoptotic cells in Drosophila. <i>Experimental Cell Research</i> , 2007 , 313, 500-10	4.2	51
90	Phosphatidylserine-containing liposomes inhibit the differentiation of osteoclasts and trabecular bone loss. <i>Journal of Immunology</i> , 2010 , 184, 3191-201	5.3	48
89	Independent recognition of Staphylococcus aureus by two receptors for phagocytosis in Drosophila. <i>Journal of Biological Chemistry</i> , 2012 , 287, 21663-72	5.4	48
88	Expression pattern, subcellular localization and structure--function relationship of rat Tpx-1, a spermatogenic cell adhesion molecule responsible for association with Sertoli cells. <i>Development Growth and Differentiation</i> , 1999 , 41, 715-22	3	48
87	In vivo analysis of phagocytosis of apoptotic cells by testicular Sertoli cells. <i>Molecular Reproduction and Development</i> , 2005 , 71, 166-77	2.6	46
86	Integrin β 3-mediated phagocytosis of apoptotic cells and bacteria in Drosophila. <i>Journal of Biological Chemistry</i> , 2013 , 288, 10374-80	5.4	45

85	Phosphatidylserine-mediated phagocytosis of influenza A virus-infected cells by mouse peritoneal macrophages. <i>Journal of Virology</i> , 2000 , 74, 9240-4	6.6	44
84	Protection of Insects against Viral Infection by Apoptosis-Dependent Phagocytosis. <i>Journal of Immunology</i> , 2015 , 195, 5696-706	5.3	43
83	Double-stranded RNA-activated protein kinase interacts with apoptosis signal-regulating kinase 1. Implications for apoptosis signaling pathways. <i>FEBS Journal</i> , 2002 , 269, 6126-32		42
82	Phosphatidylserine recognition and induction of apoptotic cell clearance by <i>Drosophila</i> engulfment receptor Draper. <i>Journal of Biochemistry</i> , 2013 , 153, 483-91	3.1	41
81	Immunohistochemical Localization of Fas Antigen in Paraffin Sections with Rabbit Antibodies Against Human Synthetic Fas Peptides.. <i>Acta Histochemica Et Cytochemica</i> , 1994 , 27, 459-463	1.9	41
80	Integrin β -mediated phagocytosis of apoptotic cells in <i>Drosophila</i> embryos. <i>Journal of Biological Chemistry</i> , 2011 , 286, 25770-7	5.4	40
79	Molecular dissection of internalization of <i>Porphyromonas gingivalis</i> by cells using fluorescent beads coated with bacterial membrane vesicle. <i>Cell Structure and Function</i> , 2005 , 30, 81-91	2.2	39
78	Augmentation of fatality of influenza in mice by inhibition of phagocytosis. <i>Biochemical and Biophysical Research Communications</i> , 2005 , 337, 881-6	3.4	37
77	Cleavage of calnexin caused by apoptotic stimuli: implication for the regulation of apoptosis. <i>Journal of Biochemistry</i> , 2004 , 136, 399-405	3.1	37
76	Involvement of COX-1 and up-regulated prostaglandin E synthases in phosphatidylserine liposome-induced prostaglandin E2 production by microglia. <i>Journal of Neuroimmunology</i> , 2006 , 172, 112-20	3.5	35
75	The testicular fatty acid binding protein PERF15 regulates the fate of germ cells in PERF15 transgenic mice. <i>Development Growth and Differentiation</i> , 2005 , 47, 15-24	3	33
74	A factor stimulating transcription of the testis-specific P _{gk} -2 gene recognizes a sequence similar to the binding site for a transcription inhibitor of the somatic-type P _{gk} -1 gene. <i>Nucleic Acids Research</i> , 1993 , 21, 209-14	20.1	33
73	Signalling pathway involving GULP, MAPK and Rac1 for SR-BI-induced phagocytosis of apoptotic cells. <i>Journal of Biochemistry</i> , 2009 , 145, 387-94	3.1	32
72	Necrotic Cells Actively Attract Phagocytes through the Collaborative Action of Two Distinct PS-Exposure Mechanisms. <i>PLoS Genetics</i> , 2015 , 11, e1005285	6	30
71	Role of phosphatidylserine exposure and sugar chain desialylation at the surface of influenza virus-infected cells in efficient phagocytosis by macrophages. <i>Journal of Biological Chemistry</i> , 2002 , 277, 18222-8	5.4	29
70	Transcription inhibition of the somatic-type phosphoglycerate kinase 1 gene in vitro by a testis-specific factor that recognizes a sequence similar to the binding site for Ets oncoproteins. <i>Nucleic Acids Research</i> , 1991 , 19, 3959-63	20.1	29
69	Impaired spermatogenesis and male fertility defects in CIZ/Nmp4-disrupted mice. <i>Genes To Cells</i> , 2004 , 9, 575-89	2.3	28
68	Molecular characterization of an 18 kb segment of DNA puff C4 of <i>Bradysia hygida</i> (Diptera, sciaridae). <i>Chromosoma</i> , 1995 , 103, 715-24	2.8	27

67	Inhibitory role for D-alanylation of wall teichoic acid in activation of insect Toll pathway by peptidoglycan of <i>Staphylococcus aureus</i> . <i>Journal of Immunology</i> , 2010 , 185, 2424-31	5.3	26
66	Selective activation of testis-specific genes in cultured rat spermatogenic cells. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 1990 , 1049, 331-8		26
65	Involvement of mitogen-activated protein kinases in class B scavenger receptor type I-induced phagocytosis of apoptotic cells. <i>Experimental Cell Research</i> , 2006 , 312, 1820-30	4.2	25
64	Independence of plasma membrane blebbing from other biochemical and biological characteristics of apoptotic cells. <i>Journal of Biochemistry</i> , 2002 , 132, 381-6	3.1	25
63	Distinct localization of lipid rafts and externalized phosphatidylserine at the surface of apoptotic cells. <i>Biochemical and Biophysical Research Communications</i> , 2005 , 327, 94-9	3.4	22
62	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. <i>Development Growth and Differentiation</i> , 2004 , 46, 283-98	3	22
61	A silencer-like cis element for the testis-specific phosphoglycerate-kinase-2-encoding gene. <i>Gene</i> , 1992 , 119, 293-7	3.8	22
60	93-kDa twin-domain serine protease inhibitor (Serpin) has a regulatory function on the beetle Toll proteolytic signaling cascade. <i>Journal of Biological Chemistry</i> , 2011 , 286, 35087-95	5.4	21
59	Inhibitory effect of N-palmitoylphosphatidylethanolamine on macrophage phagocytosis through inhibition of Rac1 and Cdc42. <i>Journal of Biochemistry</i> , 2009 , 145, 43-50	3.1	21
58	Stimulation of phagocytosis of influenza virus-infected cells through surface desialylation of macrophages by viral neuraminidase. <i>Microbiology and Immunology</i> , 2004 , 48, 875-81	2.7	21
57	Homologies of nucleotide sequences in the 5' end regions of two developmentally regulated genes of <i>Sarcophaga peregrina</i> . <i>Nucleic Acids Research</i> , 1986 , 14, 2685-98	20.1	20
56	Characterization of three proteins stimulating RNA polymerase II. <i>FEBS Letters</i> , 1981 , 130, 69-72	3.8	20
55	Phagocytic removal of cells that have become unwanted: implications for animal development and tissue homeostasis. <i>Development Growth and Differentiation</i> , 2011 , 53, 149-60	3	19
54	Auxiliary role for D-alanylated wall teichoic acid in Toll-like receptor 2-mediated survival of <i>Staphylococcus aureus</i> in macrophages. <i>Immunology</i> , 2010 , 129, 268-77	7.8	19
53	Structural analysis of a developmentally regulated 25-kDa protein gene of <i>Sarcophaga peregrina</i> . <i>Journal of Biochemistry</i> , 1985 , 97, 1501-8	3.1	19
52	Apoptosis-dependent externalization and involvement in apoptotic cell clearance of DmCaBP1, an endoplasmic reticulum protein of <i>Drosophila</i> . <i>Journal of Biological Chemistry</i> , 2012 , 287, 3138-46	5.4	18
51	Immune response to bacteria in seminiferous epithelium. <i>Reproduction</i> , 2009 , 137, 879-88	3.8	17
50	Difference in the way of macrophage recognition of target cells depending on their apoptotic states. <i>Cell Death and Differentiation</i> , 2001 , 8, 1113-22	12.7	16

49	Spermatocyte-specific gene excision by targeted expression of Cre recombinase. <i>Biochemical and Biophysical Research Communications</i> , 2000 , 272, 125-8	3.4	16
48	Signaling pathway for phagocyte priming upon encounter with apoptotic cells. <i>Journal of Biological Chemistry</i> , 2017 , 292, 8059-8072	5.4	15
47	Concomitant induction of apoptosis and expression of monocyte chemoattractant protein-1 in cultured rat luteal cells by nuclear factor-kappaB and oxidative stress. <i>Development Growth and Differentiation</i> , 2003 , 45, 351-9	3	15
46	Structural change of ribosomes during apoptosis: degradation and externalization of ribosomal proteins in doxorubicin-treated Jurkat cells. <i>Journal of Biochemistry</i> , 2002 , 131, 485-93	3.1	15
45	Pattern recognition in phagocytic clearance of altered self. <i>Advances in Experimental Medicine and Biology</i> , 2009 , 653, 129-38	3.6	14
44	Bridging effect of recombinant human mannose-binding lectin in macrophage phagocytosis of <i>Escherichia coli</i> . <i>Immunology</i> , 2008 , 124, 575-83	7.8	14
43	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. <i>Biology of Reproduction</i> , 2002 , 67, 1502-8	3.9	14
42	Involvement of cannabinoid receptor CB2 in dectin-1-mediated macrophage phagocytosis. <i>Immunology and Cell Biology</i> , 2008 , 86, 179-84	5	13
41	Externalization and recognition by macrophages of large subunit of eukaryotic translation initiation factor 3 in apoptotic cells. <i>Experimental Cell Research</i> , 2005 , 309, 137-48	4.2	13
40	Immunohistochemical study of Fas antigen in liver of patients with chronic hepatitis and autoimmune liver disease. <i>International Hepatology Communications</i> , 1995 , 3, 285-289		11
39	Phosphorylation of NF-I in vitro by cdc2 kinase. <i>Biochemical and Biophysical Research Communications</i> , 1993 , 192, 1424-31	3.4	11
38	Nuclear factor I stimulates transcription of the adenovirus 12 E1A gene in a cell-free system. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 1990 , 1048, 85-92		11
37	In vitro transcription of a chromatin-like complex of major core protein VII and DNA of adenovirus serotype 2. <i>Biochemical and Biophysical Research Communications</i> , 1986 , 136, 86-93	3.4	11
36	Phosphatidylserine- and integrin-mediated phagocytosis of apoptotic luteal cells by macrophages of the rat. <i>Development Growth and Differentiation</i> , 2005 , 47, 153-61	3	10
35	Histochemical analysis of the ecdysterone-regulated expression of the <i>Drosophila</i> genes P1 and LSP-2. <i>Genesis</i> , 1986 , 7, 197-203		10
34	Involvement of EnvZ-OmpR two-component system in virulence control of <i>Escherichia coli</i> in <i>Drosophila melanogaster</i> . <i>Biochemical and Biophysical Research Communications</i> , 2013 , 438, 306-11	3.4	8
33	Isolation of a <i>Drosophila</i> gene coding for a protein containing a novel phosphatidylserine-binding motif. <i>Journal of Biochemistry</i> , 2005 , 137, 593-9	3.1	8
32	Analysis of promoters of adenovirus type 12 E1A gene in a cell-free transcription system. <i>Biochemical and Biophysical Research Communications</i> , 1987 , 146, 783-90	3.4	8

31	Stimulation of transcription from accurate initiation sites by purified S-II. <i>FEBS Letters</i> , 1988 , 238, 119-223.	8	8
30	Characterization of Spz5 as a novel ligand for Drosophila Toll-1 receptor. <i>Biochemical and Biophysical Research Communications</i> , 2018 , 506, 510-515	3-4	8
29	Mechanisms and Significance of Phagocytic Elimination of Cells Undergoing Apoptotic Death. <i>Biological and Pharmaceutical Bulletin</i> , 2017 , 40, 1819-1827	2-3	7
28	Cis- and trans-acting factors for transcription of the adenovirus 12 E1A gene. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 1989 , 1007, 184-91		7
27	Raman spectrum of a closed-circular DNA. <i>Biopolymers</i> , 1985 , 24, 1107-11	2.2	7
26	Purification of a new protein stimulating RNA polymerase II from Ehrlich ascites tumor cells: comparison with proteins purified before. <i>Journal of Biochemistry</i> , 1981 , 90, 805-14	3-1	7
25	Role of NPxY motif in Draper-mediated apoptotic cell clearance in Drosophila. <i>Drug Discoveries and Therapeutics</i> , 2012 , 6, 291-7	5	7
24	Selective expression of the scaffold protein JSAP1 in spermatogonia and spermatocytes. <i>Reproduction</i> , 2006 , 131, 711-9	3-8	6
23	A presumed human nuclear autoantigen that translocates to plasma membrane blebs during apoptosis. <i>Journal of Biochemistry</i> , 2003 , 133, 211-8	3-1	6
22	Protective effects of Phaseolus vulgaris lectin against viral infection in Drosophila. <i>Drug Discoveries and Therapeutics</i> , 2017 , 11, 329-335	5	5
21	Perturbation of spermatogenesis by androgen antagonists directly injected into seminiferous tubules of live mice. <i>Reproduction</i> , 2007 , 133, 21-7	3-8	5
20	Ectopic activation of the transcription promoter for the testis-specific mouse Pgk-2 gene on elimination of a cis-acting upstream DNA region. <i>Development Growth and Differentiation</i> , 2000 , 42, 385-93		5
19	Transcription factor(s) of Ehrlich ascites tumor cells having affinity to the TATA box and a further upstream region of the adenovirus 2 major late gene. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 1986 , 868, 243-8		5
18	Role for B8 in prolonged survival of Escherichia coli in Drosophila melanogaster. <i>Journal of Immunology</i> , 2014 , 192, 666-75	5-3	4
17	Activator protein 1-mediated expression of monocyte chemoattractant protein 1 in cultured rat luteal cells. <i>Molecular Reproduction and Development</i> , 2008 , 75, 1077-84	2-6	4
16	Multiple cis-acting DNA elements that regulate transcription of the adenovirus 12 E1A gene. <i>Virus Genes</i> , 1992 , 6, 261-71	2-3	4
15	Mechanisms and Consequences of Phagocytosis of Influenza Virus-Infected Cells. <i>Anti-Inflammatory and Anti-Allergy Agents in Medicinal Chemistry</i> , 2008 , 7, 97-100	2	3
14	Inhibitory effects of viral infection on cancer development. <i>Virology</i> , 2019 , 528, 48-53	3-6	3

13	Recognition of a palindromic DNA sequence by ESF-1, a factor stimulating transcription of the adenovirus type 12 E1A gene. <i>Biological and Pharmaceutical Bulletin</i> , 1993 , 16, 87-9	2.3	2
12	Interactions of factors bound at two different sites in the 5'upstream region of the adenovirus 12 E1A gene. <i>Biochemical and Biophysical Research Communications</i> , 1989 , 158, 685-9	3.4	2
11	Phosphorylation of S-II is not affected by inhibitors of RNA synthesis. <i>Biochemical and Biophysical Research Communications</i> , 1985 , 131, 524-31	3.4	2
10	Analysis of RNA synthesized in isolated nuclei of Ehrlich ascites tumor cells. <i>Journal of Biochemistry</i> , 1978 , 83, 989-94	3.1	2
9	Molecular characterization of an 18 kb segment of DNA puff C4 of <i>Bradysia hygida</i> (Diptera, Sciaridae) 1995 , 103, 715		2
8	Inhibition of Phagocytic Killing of <i>Escherichia coli</i> in <i>Drosophila</i> Hemocytes by RNA Chaperone Hfq. <i>Journal of Immunology</i> , 2016 , 197, 1298-307	5.3	2
7	Transcription repressor-mediated control of engulfment receptor expression in <i>Drosophila</i> phagocytes. <i>Experimental Cell Research</i> , 2019 , 381, 10-17	4.2	1
6	Peptidoglycan recognition protein-triggered induction of <i>Escherichia coli</i> gene in <i>Drosophila melanogaster</i> . <i>Journal of Biochemistry</i> , 2015 , 157, 507-17	3.1	1
5	Selective transfection of microglia in the brain using an antibody-based non-viral vector. <i>Brain Research</i> , 2014 , 1586, 12-22	3.7	1
4	Transcription stimulation of the adenovirus type-12 E1a gene in vitro by a novel factor bound to a region adjacent to a TATA box. <i>Gene</i> , 1991 , 109, 171-6	3.8	1
3	Apparent difference in the way of RNA synthesis stimulation by two stimulatory factors of RNA polymerase II. <i>FEBS Letters</i> , 1978 , 93, 357-60	3.8	1
2	Role for phagocytosis in the prevention of neoplastic transformation in <i>Drosophila</i> . <i>Genes To Cells</i> , 2020 , 25, 675-684	2.3	1
1	Introduction to the Bibliographic Symposium: Humoral and Cellular Responses in Innate Immunity. <i>Yakugaku Zasshi</i> , 2006 , 126, 1205-1205	0	