

Tsukasa Osaki

List of Publications by Year in descending order

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Version: 2024-02-01

55
papers

1,651
citations

331670

21
h-index

289244

40
g-index

58
all docs

58
docs citations

58
times ranked

1801
citing authors

#	ARTICLE	IF	CITATIONS
1	An Immune-Responsive Serpin Regulates the Melanization Cascade in <i>Drosophila</i> . <i>Developmental Cell</i> , 2002, 3, 581-592.	7.0	305
2	Functional Conversion of Hemocyanin to Phenoloxidase by Horseshoe Crab Antimicrobial Peptides. <i>Journal of Biological Chemistry</i> , 2001, 276, 27166-27170.	3.4	176
3	Horseshoe Crab Hemocyte-derived Antimicrobial Polypeptides, Tachystatins, with Sequence Similarity to Spider Neurotoxins. <i>Journal of Biological Chemistry</i> , 1999, 274, 26172-26178.	3.4	104
4	Peptidoglycan Recognition Proteins Involved in 1,3- β -D-Glucan-dependent Prophenoloxidase Activation System of Insect. <i>Journal of Biological Chemistry</i> , 2004, 279, 3218-3227.	3.4	87
5	Characterization and Properties of a 1,3- β -D-Glucan Pattern Recognition Protein of <i>Tenebrio molitor</i> Larvae That Is Specifically Degraded by Serine Protease during Prophenoloxidase Activation. <i>Journal of Biological Chemistry</i> , 2003, 278, 42072-42079.	3.4	85
6	A serine protease zymogen functions as a pattern-recognition receptor for lipopolysaccharides. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 953-958.	7.1	83
7	Functional and structural diversities of C-reactive proteins present in horseshoe crab hemolymph plasma. <i>FEBS Journal</i> , 1999, 264, 314-326.	0.2	54
8	Proline-rich Cell Surface Antigens of Horseshoe Crab Hemocytes Are Substrates for Protein Cross-linking with a Clotting Protein Coagulin. <i>Journal of Biological Chemistry</i> , 2002, 277, 40084-40090.	3.4	51
9	Large-scale Identification of Endogenous Secretory Peptides Using Electron Transfer Dissociation Mass Spectrometry. <i>Molecular and Cellular Proteomics</i> , 2013, 12, 700-709.	3.8	45
10	A Novel β -Defensin Structure: A Potential Strategy of Big Defensin for Overcoming Resistance by Gram-Positive Bacteria. <i>Biochemistry</i> , 2008, 47, 10611-10619.	2.5	43
11	Structure of the Antimicrobial Peptide Tachystatin A. <i>Journal of Biological Chemistry</i> , 2002, 277, 23651-23657.	3.4	41
12	The Non-catalytic B Subunit of Coagulation Factor XIII Accelerates Fibrin Cross-linking. <i>Journal of Biological Chemistry</i> , 2015, 290, 12027-12039.	3.4	39
13	Comprehensive sequence analysis of horseshoe crab cuticular proteins and their involvement in transglutaminase-dependent cross-linking. <i>FEBS Journal</i> , 2005, 272, 4774-4786.	4.7	38
14	Impaired Recovery of Blood Flow After Hind-Limb Ischemia in Mice Lacking Guanylyl Cyclase-A, a Receptor for Atrial and Brain Natriuretic Peptides. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2009, 29, 1516-1521.	2.4	37
15	Calcitonin receptor-stimulating peptide: Its evolutionary and functional relationship with calcitonin/calcitonin gene-related peptide based on gene structure. <i>Peptides</i> , 2009, 30, 1753-1762.	2.4	29
16	Peptidomics-Based Discovery of an Antimicrobial Peptide Derived from Insulin-Like Growth Factor-Binding Protein 5. <i>Journal of Proteome Research</i> , 2011, 10, 1870-1880.	3.7	29
17	Identification and Characterization of <i>Porphyromonas gingivalis</i> Client Proteins That Bind to <i>Streptococcus oralis</i> Glyceraldehyde-3-Phosphate Dehydrogenase. <i>Infection and Immunity</i> , 2013, 81, 753-763.	2.2	29
18	Proteomic Analysis of Proteins Eliminated by Low-Density Lipoprotein Apheresis. <i>Therapeutic Apheresis and Dialysis</i> , 2014, 18, 93-102.	0.9	29

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19	An Arthropod Cuticular Chitin-binding Protein Endows Injured Sites with Transglutaminase-dependent Mesh. <i>Journal of Biological Chemistry</i> , 2007, 282, 37316-37324.	3.4	23
20	A Cysteine-rich Protein from an Arthropod Stabilizes Clotting Mesh and Immobilizes Bacteria at Injury Sites. <i>Journal of Biological Chemistry</i> , 2007, 282, 33545-33552.	3.4	23
21	The solution structure of horseshoe crab antimicrobial peptide tachystatin B with an inhibitory cystine-knot motif. <i>Journal of Peptide Science</i> , 2007, 13, 269-279.	1.4	23
22	Rapid immunochromatographic test for detection of anti-factor XIII A subunit antibodies can diagnose 90 % of cases with autoimmune haemorrhaphilia XIII/13. <i>Thrombosis and Haemostasis</i> , 2015, 113, 1347-1356.	3.4	23
23	Nitric Oxide-Reductase Homologue That Contains a Copper Atom and Has Cytochrome c-Oxidase Activity from an Aerobic Phototrophic Bacterium <i>Roseobacter denitrificans</i> . <i>Journal of Biochemistry</i> , 2002, 131, 791-800.	1.7	21
24	C/EBP β (CCAAT/enhancer-binding protein β) mediates progesterone production through transcriptional regulation in co-operation with SF-1 (steroidogenic factor-1). <i>Biochemical Journal</i> , 2014, 460, 459-471.	3.7	18
25	A high titer of acquired factor V inhibitor in a hemodialysis patient who developed arterial thrombosis. <i>International Journal of Hematology</i> , 2019, 109, 214-220.	1.6	16
26	Relationship between social support status and mortality in a community-based population: a prospective observational study (Yamagata study). <i>BMC Public Health</i> , 2020, 20, 1630.	2.9	16
27	A Review of Coagulation Abnormalities of Autoimmune Acquired Factor V Deficiency with a Focus on Japan. <i>Seminars in Thrombosis and Hemostasis</i> , 2022, 48, 206-218.	2.7	16
28	Non-autoimmune combined factor XIII A and B subunit deficiencies in rheumatoid arthritis patients treated with anti-interleukin-6 receptor monoclonal antibody (tocilizumab). <i>Thrombosis Research</i> , 2016, 140, 100-105.	1.7	15
29	Autoimmune Coagulation Factor X Deficiency as a Rare Acquired Hemorrhagic Disorder: A Literature Review. <i>Thrombosis and Haemostasis</i> , 2022, 122, 320-328.	3.4	13
30	Pathological coagulation parameters in as many as 54 patients with autoimmune acquired factor XIII deficiency due to anti-factor XIII autoantibodies. <i>Haemophilia</i> , 2021, 27, 454-462.	2.1	13
31	Factors associated with health intentions and behaviour among health checkup participants in Japan. <i>Scientific Reports</i> , 2021, 11, 19761.	3.3	12
32	Production and characterization of recombinant tachycitin, the Cys-rich chitin-binding protein. <i>Protein Engineering, Design and Selection</i> , 2002, 15, 763-769.	2.1	10
33	Discovery of novel biomarkers for atherosclerotic aortic aneurysm through proteomics-based assessment of disease progression. <i>Scientific Reports</i> , 2020, 10, 6429.	3.3	10
34	Deficiency of Cardiac Natriuretic Peptide Signaling Promotes Peripartum Cardiomyopathy-Like Remodeling in the Mouse Heart. <i>Circulation</i> , 2020, 141, 571-588.	1.6	9
35	Urinary and plasma proteomics to discover biomarkers for diagnosing between diabetic nephropathy and minimal change nephrotic syndrome or membranous nephropathy. <i>Biochemistry and Biophysics Reports</i> , 2021, 27, 101102.	1.3	9
36	Lipidomic signatures of aortic media from patients with atherosclerotic and nonatherosclerotic aneurysms. <i>Scientific Reports</i> , 2019, 9, 15472.	3.3	8

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37	Important roles of the human leukocyte antigen class I and II molecules and their associated genes in the autoimmune coagulation factor XIII deficiency via whole-exome sequencing analysis. PLoS ONE, 2021, 16, e0257322.	2.5	7
38	Genomic and Expression Analysis of Canine Calcitonin Receptor-stimulating Peptides and Calcitonin/Calcitonin Gene-related Peptide*. Journal of Biochemistry, 2008, 144, 419-430.	1.7	6
39	Peptidomics for Studying Limited Proteolysis. Journal of Proteome Research, 2015, 14, 4921-4931.	3.7	6
40	Plasma proteomics associated with autoimmune coagulation factor deficiencies reveals the link between inflammation and autoantibody development. International Journal of Hematology, 2022, 115, 672-685.	1.6	6
41	A Review of Autoimmune Acquired von Willebrand Factor Deficiency in Japan. Seminars in Thrombosis and Hemostasis, 2022, 48, 911-925.	2.7	6
42	The plasma levels of protein Z-dependent protease inhibitor increase after gynecological surgery independently of estrogen. Thrombosis Research, 2015, 136, 980-986.	1.7	5
43	Retrospective examination of coagulation parameters in 33 patients with autoimmune coagulation factor deficiencies in Japan: A single-center analysis. Thrombosis Research, 2022, 213, 154-162.	1.7	5
44	Endothelial Natriuretic Peptide Receptor 1 Play Crucial Role for Acute and Chronic Blood Pressure Regulation by Atrial Natriuretic Peptide. Hypertension, 2022, 79, 1409-1422.	2.7	5
45	Successful bypass surgery for esophageal carcinoma under adequate factor XIII/13 replacement therapy in a case of intractable autoimmune hemorrhaphilia due to anti-Factor XIII/13 antibodies. International Journal of Hematology, 2016, 103, 341-347.	1.6	4
46	Association between milk and yogurt intake and mortality: a community-based cohort study (Yamagata) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.6	4
47	Successful Management of a Patient with Autoimmune Hemorrhaphilia due to Anti-Factor XIII/13 Antibodies Complicated by Pulmonary Thromboembolism. Acta Haematologica, 2017, 137, 141-147.	1.4	3
48	Autoimmune acquired factor XIII deficiency in Japan 2021 update: Focused on annual incidence and clinical features. Haemophilia, 2022, 28, .	2.1	3
49	Autoimmune Hemorrhaphilia Resulting from Autoantibody against the A Subunit of Factor XIII. Internal Medicine, 2015, 54, 2383-2387.	0.7	2
50	Generation and Application of Rat Monoclonal Antibodies Specific for a Human Blood Coagulation Protein: von Willebrand Factor. Monoclonal Antibodies in Immunodiagnosis and Immunotherapy, 2019, 38, 133-136.	1.6	2
51	Molecular pathogenesis of plasminogen Hakodate: the second Japanese family case of severe type I plasminogen deficiency manifested late-onset multi-organic chronic pseudomembranous mucositis. Journal of Thrombosis and Thrombolysis, 2016, 42, 218-224.	2.1	1
52	Isolation of Endogenous Peptides from Cultured Cell Conditioned Media for Mass Spectrometry. Methods in Molecular Biology, 2018, 1719, 51-58.	0.9	1
53	1P-032 A new strategy of defensin against Gram-positive bacteria(Protein:Structure & Function, The) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5	0.1	0
54	1TA1-09 A new strategy of defensin against Gram-positive bacteria(The 47th Annual Meeting of the) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.1	0

#	ARTICLE	IF	CITATIONS
55	Consequences of a peroxiredoxin 4 (Prdx4) deficiency on learning and memory in mice. <i>Biochemical and Biophysical Research Communications</i> , 2022, 621, 32-38.	2.1	0