

# Yuhki Yanase

## List of Publications by Year in descending order

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Version: 2024-02-01

58  
papers

1,683  
citations

257450

24  
h-index

302126

39  
g-index

58  
all docs

58  
docs citations

58  
times ranked

1682  
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterization of intracellular calcium mobilization induced by remimazolam, a newly approved intravenous anesthetic. PLoS ONE, 2022, 17, e0263395.	2.5	5
2	Coagulation factors induce human skin mast cell and basophil degranulation via activation of complement 5 and the C5a receptor. Journal of Allergy and Clinical Immunology, 2021, 147, 1101-1104.e7.	2.9	25
3	The Pathogenesis of Chronic Spontaneous Urticaria: The Role of Infiltrating Cells. Journal of Allergy and Clinical Immunology: in Practice, 2021, 9, 2195-2208.	3.8	61
4	The Role of Coagulation and Complement Factors for Mast Cell Activation in the Pathogenesis of Chronic Spontaneous Urticaria. Cells, 2021, 10, 1759.	4.1	27
5	High histamine concentrations in human sweat in association with type I allergy to the semi-purified sweat antigen. Allergy International, 2020, 69, 307-309.	3.3	5
6	Decreased intracellular histamine concentration and basophil activation in anaphylaxis. Allergy International, 2020, 69, 78-83.	3.3	19
7	Increase of tissue factor expression on the surface of peripheral monocytes of patients with chronic spontaneous urticaria. Allergy: European Journal of Allergy and Clinical Immunology, 2020, 75, 971-974.	5.7	12
8	Type-I-hypersensitivity to 15 kDa, 28 kDa and 54 kDa proteins in vitellogenin specific to Gadus chalcogrammus roe. Allergy International, 2020, 69, 253-260.	3.3	6
9	Propofol induces the elevation of intracellular calcium via morphological changes in intracellular organelles, including the endoplasmic reticulum and mitochondria. European Journal of Pharmacology, 2020, 884, 173303.	3.5	5
10	Histamine or vascular endothelial growth factor induced tissue factor expression and gap formation between vascular endothelial cells are synergistically enhanced by lipopolysaccharide, tumor necrosis factor- $\alpha$ , interleukin (IL)-3 or IL-1 $\beta$ . Journal of Dermatology, 2020, 47, 1293-1300.	1.2	10
11	A single reaction-diffusion equation for the multifarious eruptions of urticaria. PLoS Computational Biology, 2020, 16, e1007590.	3.2	14
12	Effects of LPS and TNF- $\alpha$ on the histamine responsiveness of vascular endothelial cells. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2020, 93, 1-P-092.	0.0	0
13	Simulation and Experiment for Electrode Coverage Evaluation by Electrochemical Impedance Spectroscopy Using Parallel Facing Electrodes. Analytical Sciences, 2020, 36, 853-858.	1.6	1
14	Successful treatment of refractory dermal pain with etizolam and clonazepam in a patient with acquired idiopathic generalized anhidrosis. Journal of Dermatology, 2019, 46, e351-e353.	1.2	4
15	Development of SPR Imaging-Impedance Sensor for Multi-Parametric Living Cell Analysis. Sensors, 2019, 19, 2067.	3.8	17
16	Activation of Human Peripheral Basophils in Response to High IgE Antibody Concentrations without Antigens. International Journal of Molecular Sciences, 2019, 20, 45.	4.1	15
17	<i>Staphylococcus aureus</i> from atopic dermatitis skin accumulates in the lysosomes of keratinocytes with induction of IL-1 secretion via TLR9. Allergy: European Journal of Allergy and Clinical Immunology, 2019, 74, 560-571.	5.7	28
18	The role of adenosine for IgE receptor-dependent degranulation of human peripheral basophils and skin mast cells. Allergy International, 2018, 67, 524-526.	3.3	12

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19	Chronic spontaneous urticaria and the extrinsic coagulation system. <i>Allergology International</i> , 2018, 67, 191-194.	3.3	39
20	Histamine and Toll-like receptor ligands synergistically induce endothelial cell gap formation by the extrinsic coagulating pathway. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 141, 1115-1118.e7.	2.9	26
21	Role of TF-Triggered Activation of the Coagulation Cascade in the Pathogenesis of Chronic Spontaneous Urticaria. <i>Current Treatment Options in Allergy</i> , 2018, 5, 383-391.	2.2	0
22	Neuromedin U directly induces degranulation of skin mast cells, presumably via <sc>MRGPRX</sc>2. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2018, 73, 2256-2260.	5.7	17
23	Purinergic P2Y<sub>2</sub> receptor is involved in dying cell phagocytosis and mediator production in Toll-like receptor 4-activated microglia. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2018, WCP2018, PO1-1-115.	0.0	0
24	Nonoptical Detection of Allergic Response with a Cell-Coupled Gate Field-Effect Transistor. <i>Analytical Chemistry</i> , 2017, 89, 12918-12923.	6.5	23
25	High-resolution imaging of a cell-attached nanointerface using a gold-nanoparticle two-dimensional sheet. <i>Scientific Reports</i> , 2017, 7, 3720.	3.3	31
26	Impedance-Based Living Cell Analysis for Clinical Diagnosis of Type I Allergy. <i>Sensors</i> , 2017, 17, 2503.	3.8	6
27	LSPR-mediated high axial-resolution fluorescence imaging on a silver nanoparticle sheet. <i>PLoS ONE</i> , 2017, 12, e0189708.	2.5	6
28	Diagnosis of immediate-type allergy using surface plasmon resonance. <i>Optical Materials Express</i> , 2016, 6, 1339.	3.0	19
29	Oral administration of Î²â€œcarotene or lycopene prevents atopic dermatitisâ€œlike dermatitis in <sc>HR</sc> mice. <i>Journal of Dermatology</i> , 2016, 43, 1188-1192.	1.2	16
30	Remission rate of patients with wheat allergy sensitized to hydrolyzed wheat protein in facial soap. <i>Allergology International</i> , 2016, 65, 109-111.	3.3	16
31	The Toll-like receptor 4-activated neuroprotective microglia subpopulation survives via granulocyte macrophage colony-stimulating factor and JAK2/STAT5 signaling. <i>Neurochemistry International</i> , 2016, 93, 82-94.	3.8	17
32	Evaluation of recombinant MGL_1304 produced by <i>Pichia pastoris</i> for clinical application to sweat allergy. <i>Allergology International</i> , 2015, 64, 266-271.	3.3	8
33	A human monoclonal IgE antibody that binds to MGL_1304, a major allergen in human sweat, without activation of mast cells and basophils. <i>Biochemical and Biophysical Research Communications</i> , 2015, 468, 99-104.	2.1	19
34	Surface Plasmon Resonance for Clinical Diagnosis of Type I Allergy. <i>Methods in Pharmacology and Toxicology</i> , 2015, , 373-385.	0.2	0
35	Elevated Serum IgE against MGL_1304 in Patients with Atopic Dermatitis and Cholinergic Urticaria. <i>Allergology International</i> , 2014, 63, 83-93.	3.3	54
36	Surface Plasmon Resonance for Cell-Based Clinical Diagnosis. <i>Sensors</i> , 2014, 14, 4948-4959.	3.8	128

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37	Establishment of a mast cell line, NCL $\beta$ 2, without <i>Kit</i> mutation, derived from NC mouse bone marrow. FEBS Open Bio, 2014, 4, 342-346.	2.3	3
38	Clinical diagnosis of type I allergy by means of SPR imaging with less than a microliter of peripheral blood. Sensing and Bio-Sensing Research, 2014, 2, 43-48.	4.2	14
39	Fungal protein MGL_1304 in sweat is an allergen for atopic dermatitis patients. Journal of Allergy and Clinical Immunology, 2013, 132, 608-615.e4.	2.9	107
40	Application of SPR Imaging Sensor for Detection of Individual Living Cell Reactions and Clinical Diagnosis of Type I Allergy. Allergology International, 2013, 62, 163-169.	3.3	57
41	Histamine release-neutralization assay for sera of patients with atopic dermatitis and/or cholinergic urticaria is useful to screen type I hypersensitivity against sweat antigens. Archives of Dermatological Research, 2012, 304, 647-654.	1.9	17
42	Evaluation of peripheral blood basophil activation by means of surface plasmon resonance imaging. Biosensors and Bioelectronics, 2012, 32, 62-68.	10.1	43
43	Surface plasmon resonance-biosensor detects the diversity of responses against epidermal growth factor in various carcinoma cell lines. Biosensors and Bioelectronics, 2012, 32, 202-207.	10.1	41
44	A critical role of conventional protein kinase C in morphological changes of rodent mast cells. Immunology and Cell Biology, 2011, 89, 149-159.	2.3	31
45	Fucoidan suppresses IgE production in peripheral blood mononuclear cells from patients with atopic dermatitis. Archives of Dermatological Research, 2011, 303, 425-431.	1.9	40
46	Reversible bleb formation in mast cells stimulated with antigen is Ca <sup>2+</sup> /calmodulin-dependent and bleb size is regulated by ARF6. Biochemical Journal, 2010, 425, 179-193.	3.7	28
47	Development of an optical fiber SPR sensor for living cell activation. Biosensors and Bioelectronics, 2010, 25, 1244-1247.	10.1	85
48	Detection of refractive index changes in individual living cells by means of surface plasmon resonance imaging. Biosensors and Bioelectronics, 2010, 26, 674-681.	10.1	99
49	Hydrolyzed Konjac Glucomannan Suppresses IgE Production in Mice B Cells. International Archives of Allergy and Immunology, 2010, 152, 122-130.	2.1	41
50	Peritoneal injection of fucoidan suppresses the increase of plasma IgE induced by OVA-sensitization. Biochemical and Biophysical Research Communications, 2009, 387, 435-439.	2.1	46
51	Surface plasmon resonance biosensor detects the downstream events of active PKC $\beta$ 2 in antigen-stimulated mast cells. Biosensors and Bioelectronics, 2008, 23, 1652-1658.	10.1	40
52	Applying Surface Plasmon Resonance to Monitor the IgE-Mediated Activation of Human Basophils. Allergology International, 2008, 57, 347-358.	3.3	28
53	Cutaneous Mast Cell Receptors. Dermatologic Clinics, 2007, 25, 563-575.	1.7	16
54	The SPR signal in living cells reflects changes other than the area of adhesion and the formation of cell constructions. Biosensors and Bioelectronics, 2007, 22, 1081-1086.	10.1	103

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55	Living cell positioning on the surface of gold film for SPR analysis. <i>Biosensors and Bioelectronics</i> , 2007, 23, 562-567.	10.1	51
56	Fucoidan prevents C $\mu$ germline transcription and NF $\kappa$ B p52 translocation for IgE production in B cells. <i>Biochemical and Biophysical Research Communications</i> , 2006, 350, 501-507.	2.1	63
57	Protein kinase C $\delta$ mediates TNF release process in RBL-2H3 mast cells. <i>British Journal of Pharmacology</i> , 2005, 145, 415-423.	5.4	38
58	Immunological Changes of Basophil Hyperreactivity to Sweat in Patients With Well-Controlled Atopic Dermatitis. <i>Frontiers in Immunology</i> , 0, 13, .	4.8	1