

# Pia Gattinger

## List of Publications by Year in descending order

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Version: 2024-02-01

32  
papers

1,328  
citations

516710

16  
h-index

414414

32  
g-index

33  
all docs

33  
docs citations

33  
times ranked

1865  
citing authors

#	ARTICLE	IF	CITATIONS
1	Neutralization of SARS-CoV-2 requires antibodies against conformational receptor-binding domain epitopes. Allergy: European Journal of Allergy and Clinical Immunology, 2022, 77, 230-242.	5.7	45
2	Lack of Induction of RBD-Specific Neutralizing Antibodies despite Repeated Heterologous SARS-CoV-2 Vaccination Leading to Seroconversion and Establishment of T Cell-Specific Memory in a Patient in Remission of Multiple Myeloma. Vaccines, 2022, 10, 374.	4.4	5
3	Omicron: A SARS-CoV-2 variant of real concern. Allergy: European Journal of Allergy and Clinical Immunology, 2022, 77, 1616-1620.	5.7	14
4	Characterization of the antibody response to SARS-CoV-2 in a mildly affected pediatric population. Pediatric Allergy and Immunology, 2022, 33, e13737.	2.6	5
5	Vaccine based on folded receptor binding domain-PreS fusion protein with potential to induce sterilizing immunity to SARS-CoV-2 variants. Allergy: European Journal of Allergy and Clinical Immunology, 2022, 77, 2431-2445.	5.7	16
6	Response to González-Pérez et al. Journal of Investigative Dermatology, 2022, 142, 723-726.	0.7	1
7	Enhanced SARS-CoV-2 breakthrough infections in patients with hematologic and solid cancers due to Omicron. Cancer Cell, 2022, 40, 444-446.	16.8	28
8	Combined assessment of S- and N-specific IL-2 and IL-13 secretion and CD69 neo-expression for discrimination of post-infection and post-vaccination cellular SARS-CoV-2-specific immune response. Allergy: European Journal of Allergy and Clinical Immunology, 2022, 77, 3408-3425.	5.7	7
9	Complex IgE sensitization patterns in ragweed allergic patients: Implications for diagnosis and specific immunotherapy. Clinical and Translational Allergy, 2022, 12, .	3.2	2
10	Antibodies in serum of convalescent patients following mild COVID-19 do not always prevent virus-receptor binding. Allergy: European Journal of Allergy and Clinical Immunology, 2021, 76, 878-883.	5.7	39
11	Glycosylation enhances allergenic activity of major bee venom allergen Api m 1 by adding IgE epitopes. Journal of Allergy and Clinical Immunology, 2021, 147, 1502-1504.e5.	2.9	9
12	Molecular IgE sensitization profiles of urban and rural children in South Africa. Pediatric Allergy and Immunology, 2021, 32, 234-241.	2.6	9
13	Immunological imprint of COVID-19 on human peripheral blood leukocyte populations. Allergy: European Journal of Allergy and Clinical Immunology, 2021, 76, 751-765.	5.7	71
14	SARS-CoV-2 mutations in MHC-I-restricted epitopes evade CD8 <sup>+</sup> T cell responses. Science Immunology, 2021, 6, .	11.9	143
15	Silencing of SARS-CoV-2 with modified siRNA-peptide dendrimer formulation. Allergy: European Journal of Allergy and Clinical Immunology, 2021, 76, 2840-2854.	5.7	65
16	The Instability of Dimeric Fc-Fusions Expressed in Plants Can Be Solved by Monomeric Fc Technology. Frontiers in Plant Science, 2021, 12, 671728.	3.6	7
17	Multiprofessional perinatal care in a pregnant patient with acute respiratory distress syndrome due to COVID-19. BMC Pregnancy and Childbirth, 2021, 21, 587.	2.4	7
18	Allergen-specific IgE levels and the ability of IgE-allergen complexes to cross-link determine the extent of CD23-mediated T-cell activation. Journal of Allergy and Clinical Immunology, 2020, 145, 958-967.e5.	2.9	11

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19	Sensitization to grass pollen allergen molecules in a birth cohort—natural Phl p 4 as an early indicator of grass pollen allergy. <i>Journal of Allergy and Clinical Immunology</i> , 2020, 145, 1174-1181.e6.	2.9	30
20	Fluorescent labeling of major honeybee allergens Api m 1 and Api m 2 with quantum dots and the development of a multiplex basophil activation test. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2020, 75, 1753-1756.	5.7	10
21	Prevention of allergy by virus-like nanoparticles (VNP) delivering shielded versions of major allergens in a humanized murine allergy model. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2019, 74, 246-260.	5.7	31
22	Recombinant glycoproteins resembling carbohydrate-specific IgE epitopes from plants, venoms and mites. <i>EBioMedicine</i> , 2019, 39, 33-43.	6.1	14
23	Determination of IgE and IgG reactivity to more than 170 allergen molecules in paper-dried blood spots. <i>Journal of Allergy and Clinical Immunology</i> , 2019, 143, 437-440.	2.9	13
24	Three-dimensional structure of the wheat $\alpha$ -amylase Tri a 17, a clinically relevant food allergen. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2019, 74, 1009-1013.	5.7	14
25	The culprit insect but not severity of allergic reactions to bee and wasp venom can be determined by molecular diagnosis. <i>PLoS ONE</i> , 2018, 13, e0199250.	2.5	27
26	Molecular Aspects of Allergens and Allergy. <i>Advances in Immunology</i> , 2018, 138, 195-256.	2.2	81
27	Characterization of plants expressing the human $\beta$ 1,4-galactosyltransferase gene. <i>Plant Physiology and Biochemistry</i> , 2015, 92, 39-47.	5.8	32
28	Proteolytic and N-Glycan Processing of Human $\alpha$ 1-Antitrypsin Expressed in <i>Nicotiana benthamiana</i> . <i>Plant Physiology</i> , 2014, 166, 1839-1851.	4.8	55
29	Generation of Biologically Active Multi-Sialylated Recombinant Human EPOFc in Plants. <i>PLoS ONE</i> , 2013, 8, e54836.	2.5	66
30	N-Glycosylation engineering of plants for the biosynthesis of glycoproteins with bisected and branched complex N-glycans. <i>Glycobiology</i> , 2011, 21, 813-823.	2.5	120
31	In Planta Protein Sialylation through Overexpression of the Respective Mammalian Pathway. <i>Journal of Biological Chemistry</i> , 2010, 285, 15923-15930.	3.4	193
32	Improved Virus Neutralization by Plant-produced Anti-HIV Antibodies with a Homogeneous $\beta$ 1,4-Galactosylated N-Glycan Profile. <i>Journal of Biological Chemistry</i> , 2009, 284, 20479-20485.	3.4	156