

Christel M Mertens

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8310443/publications.pdf>

Version: 2024-02-01

63
papers

1,353
citations

377584

21
h-index

425179

34
g-index

64
all docs

64
docs citations

64
times ranked

965
citing authors

#	ARTICLE	IF	CITATIONS
1	Reliability of Early and Late Testing for Suspected Perioperative Hypersensitivity. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2022, 10, 1057-1062.e2.	2.0	7
2	Tryptase release does not discriminate between IgE- and MRGPRX2-mediated activation in human mast cells. <i>Clinical and Experimental Allergy</i> , 2022, 52, 797-800.	1.4	13
3	Overexpression of FcÎµRI on Bone Marrow Mast Cells, but Not MRGPRX2, in Clonal Mast Cell Disorders With Wasp Venom Anaphylaxis. <i>Frontiers in Immunology</i> , 2022, 13, 835618.	2.2	5
4	Mast cell activation test: A new asset in the investigation of the chlorhexidine cross-sensitization profile. <i>Clinical and Experimental Allergy</i> , 2022, 52, 1311-1320.	1.4	9
5	Flow-based allergen testing: Can mast cells beat basophils?. <i>Clinica Chimica Acta</i> , 2022, 532, 64-71.	0.5	10
6	Standard methods for <i>Apis mellifera</i> venom research. <i>Journal of Apicultural Research</i> , 2021, 60, 1-31.	0.7	17
7	Principles, potential, and limitations of ex vivo basophil activation by flow cytometry in allergology: A narrative review. <i>Journal of Allergy and Clinical Immunology</i> , 2021, 147, 1143-1153.	1.5	38
8	Nonirritating skin test concentrations for ceftazidime and aztreonam in patients with a documented beta-lactam allergy. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2021, 9, 585-588.e1.	2.0	4
9	Immunoglobulin E cross-linking or MRGPRX2 activation: clinical insights from rocuronium hypersensitivity. <i>British Journal of Anaesthesia</i> , 2021, 126, e27-e29.	1.5	33
10	Basophil activation test in the diagnosis of hypersensitivity reactions to quinolones by Loli Ausejo et al. <i>Clinical and Experimental Allergy</i> , 2021, 51, 980-981.	1.4	1
11	Peripheral blood cultured mast cells: Phenotypic and functional outcomes of different culture protocols. <i>Journal of Immunological Methods</i> , 2021, 492, 113003.	0.6	9
12	IgE-binding and mast cell-activating capacity of the homologue of the major birch pollen allergen and profilin from <i>Cannabis sativa</i> . <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2021, 9, 2509-2512.e3.	2.0	13
13	The passively sensitized mast cell activation test is a reliable diagnostic for chlorhexidine allergy. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2021, 9, 3826-3828.e2.	2.0	9
14	Novel Insights on MRGPRX2-Mediated Hypersensitivity to Neuromuscular Blocking Agents And Fluoroquinolones. <i>Frontiers in Immunology</i> , 2021, 12, 668962.	2.2	30
15	Mast cell activation tests by flow cytometry: A new diagnostic asset?. <i>Clinical and Experimental Allergy</i> , 2021, 51, 1482-1500.	1.4	19
16	Nonirritant concentrations and performance of ceftaroline skin tests in patients with an immediate Î²-lactam hypersensitivity. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2021, 9, 4486-4488.e2.	2.0	1
17	In search of the golden ratio for cannabis allergy: Utility of specific allergen-to-total IgE ratios. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021, 76, 3522-3525.	2.7	4
18	Mast Cell Activation During Suspected Perioperative Hypersensitivity: A Need for Paired Samples Analysis. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2021, 9, 3051-3059.e1.	2.0	13

#	ARTICLE	IF	CITATIONS
19	Basophil and mast cell activation tests by flow cytometry in immediate drug hypersensitivity: Diagnosis and beyond. <i>Journal of Immunological Methods</i> , 2021, 495, 113050.	0.6	14
20	Culturing cells with mast cell phenotype and function: Comparison of peripheral blood and bone marrow as a source. <i>Journal of Immunological Methods</i> , 2021, 495, 113061.	0.6	6
21	Performance of basophil activation test and specific IgG4 as diagnostic tools in nonspecific lipid transfer protein allergy: Antwerp-Barcelona comparison. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2020, 75, 616-624.	2.7	11
22	Cross-reactivity in IgE-mediated allergy to cefuroxime: Focus on the R1 side chain. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2020, 8, 1094-1096.e1.	2.0	3
23	Anaphylaxis to sugammadex-rocuronium inclusion complex: An IgE-mediated reaction due to allergenic changes at the sugammadex primary rim. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2020, 8, 1410-1415.e3.	2.0	26
24	Surface expression of MRGPRX2 on resting basophils: An area of controversy. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2020, 75, 2421-2422.	2.7	21
25	Association between mutated Mas-related G protein-coupled receptor-X2 and rocuronium-induced intraoperative anaphylaxis. Comment on <i>Br J Anaesth</i> 2020; 125: e446-e448. <i>British Journal of Anaesthesia</i> , 2020, 125, e448-e450.	1.5	8
26	The diagnosis of non-life-threatening immediate penicillin allergy should not rest upon low sIgE results between 0.10 kUA/L and 0.35 kUA/L in isolation. <i>Clinica Chimica Acta</i> , 2020, 511, 94-96.	0.5	2
27	A new cannabis allergen in Northwestern Europe: The oxygen-evolving enhancer protein 2 (OEEP2). <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2020, 8, 2421-2424.e2.	2.0	11
28	Reply to "Does sugammadex have multiple mechanisms for causing anaphylaxis?". <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2020, 8, 2458-2459.	2.0	0
29	Mast cell activation test in chlorhexidine allergy: a proof of concept. <i>British Journal of Anaesthesia</i> , 2020, 125, 970-975.	1.5	22
30	Application of specific-to-total IgE ratio does not benefit diagnostic performance of serologic testing for rocuronium allergy. <i>British Journal of Anaesthesia</i> , 2020, 125, e443-e446.	1.5	5
31	Serum specific IgE antibodies in immediate drug hypersensitivity. <i>Clinica Chimica Acta</i> , 2020, 504, 119-124.	0.5	21
32	CD154 (CD40L): A novel aid to document nonimmediate hypersensitivity to amoxicillin or amoxicillin clavulanic acid. <i>Clinical and Experimental Allergy</i> , 2020, 50, 640-642.	1.4	6
33	Flow cytometric basophil activation tests: Staining of exteriorized basophil granule matrix by fluorescent avidin versus appearance of CD63. <i>Cytometry Part B - Clinical Cytometry</i> , 2020, 98, 483-490.	0.7	10
34	Prevalence of self-reported and confirmed penicillin allergy in a Belgian outpatient population. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2020, 75, 2111-2115.	2.7	11
35	Flow Cytometric Allergy Diagnosis: Basophil Activation Techniques. <i>Methods in Molecular Biology</i> , 2020, 2163, 183-195.	0.4	5
36	Basophil Activation Experiments in Immediate Drug Hypersensitivity: More Than a Diagnostic Aid. <i>Methods in Molecular Biology</i> , 2020, 2163, 197-211.	0.4	17

#	ARTICLE	IF	CITATIONS
37	Measurement and Functional Analysis of the Mas-Related G Protein-Coupled Receptor MRGPRX2 on Human Mast Cells and Basophils. <i>Methods in Molecular Biology</i> , 2020, 2163, 219-226.	0.4	13
38	Basophil Activation Techniques: Staining of Exteriorized Granule Matrix. <i>Methods in Molecular Biology</i> , 2020, 2163, 213-218.	0.4	0
39	Clindamycin anaphylaxis confirmed by inÂvivo and inÂvitro testing. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2019, 7, 331-333.	2.0	10
40	The Limited Value of Prolonged Drug Challenges in Nonimmediate Amoxicillin (Clavulanic Acid) Hypersensitivity. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2019, 7, 2225-2229.e1.	2.0	26
41	Specific IgE to cefazolin: Does it benefit diagnosis?. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2019, 7, 2932-2934.	2.0	10
42	Piecing Together the IgE-Reactivity Profile of Cannabis sativa in a North-Western European Region. <i>Journal of Allergy and Clinical Immunology</i> , 2019, 143, AB428.	1.5	0
43	Acute Management, Diagnosis, and Follow-Up of Suspected Perioperative Hypersensitivity Reactions in Flanders 2001-2018. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2019, 7, 2194-2204.e7.	2.0	32
44	Cannabis allergy: what the clinician needs to know in 2019. <i>Expert Review of Clinical Immunology</i> , 2019, 15, 599-606.	1.3	24
45	Occupational cannabis exposure and allergy risks. <i>Occupational and Environmental Medicine</i> , 2019, 76, 78-82.	1.3	14
46	Rocuronium Hypersensitivity: Does Off-Target Occupation of the MRGPRX2 Receptor Play a Role?. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2019, 7, 998-1003.	2.0	39
47	Exploring the Diagnosis and Profile of Cannabis Allergy. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2019, 7, 983-989.e5.	2.0	28
48	InÂvitro Diagnosis of Immediate Drug Hypersensitivity During Anesthesia: A Review of the Literature. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2018, 6, 1176-1184.	2.0	55
49	Influence of ILâ€6, ILâ€33, and TNFâ€Î± on human mast cell activation: Lessons from single cell analysis by flow cytometry. <i>Cytometry Part B - Clinical Cytometry</i> , 2018, 94, 405-411.	0.7	37
50	Cross-Reactive Aeroallergens: Which Need to Cross Our Mind in Food Allergy Diagnosis?. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2018, 6, 1813-1823.	2.0	38
51	Cannabis allergy: A diagnostic challenge. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2018, 73, 1911-1914.	2.7	20
52	In Vitro Diagnosis of Immediate Drug Hypersensitivity Anno 2017: Potentials and Limitations. <i>Drugs in R and D</i> , 2017, 17, 265-278.	1.1	49
53	The Mas-Related G Protein-Coupled Receptor MRGPRX2 Is Expressed on Human Basophils and up-Regulated upon Activation. <i>Journal of Allergy and Clinical Immunology</i> , 2017, 139, AB168.	1.5	25
54	Immediate moxifloxacin hypersensitivity: Is there more than currently meets the eye?. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2017, 72, 2039-2043.	2.7	35

#	ARTICLE	IF	CITATIONS
55	<i>Cannabis sativa</i> allergy: looking through the fog. Allergy: European Journal of Allergy and Clinical Immunology, 2017, 72, 201-206.	2.7	38
56	Diagnosing cefazolin hypersensitivity: Lessons from dual-labeling flow cytometry. Journal of Allergy and Clinical Immunology: in Practice, 2016, 4, 1243-1245.	2.0	19
57	Flow Cytometric Allergy Diagnosis: Basophil Activation Techniques. Methods in Molecular Biology, 2014, 1192, 147-159.	0.4	23
58	Analyzing histamine release by flow cytometry (HistaFlow): A novel instrument to study the degranulation patterns of basophils. Journal of Immunological Methods, 2012, 375, 30-38.	0.6	89
59	Management of Anaphylaxis from the Neuromuscular Blocking Agent Rocuronium Bromide: Can We Go with the Flow. Journal of Allergy and Clinical Immunology, 2006, 117, S224.	1.5	1
60	Flow-assisted allergy diagnosis: current applications and future perspectives. Allergy: European Journal of Allergy and Clinical Immunology, 2006, 61, 1028-1039.	2.7	160
61	Flow-assisted diagnostic management of anaphylaxis from rocuronium bromide. Allergy: European Journal of Allergy and Clinical Immunology, 2006, 61, 935-939.	2.7	121
62	Perioperative anaphylaxis from locally applied rifamycin SV and latex. British Journal of Anaesthesia, 2006, 96, 738-741.	1.5	13
63	Detection of house dust mite allergen (Der p1) in cord blood. Journal of Allergy and Clinical Immunology, 2002, 109, S329-S329.	1.5	0