

# Jessy Elst

## List of Publications by Year in descending order

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Version: 2024-02-01

44  
papers

627  
citations

706676

14  
h-index

759306

22  
g-index

44  
all docs

44  
docs citations

44  
times ranked

407  
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  | Long-term hematopoietic stem cells as a parasite niche during treatment failure in visceral leishmaniasis. <i>Communications Biology</i> , 2022, 5, .  | 2.0 | 12        |
| 7  | 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         |
| 8  | 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        |
| 9  | MRGPRX2 activation in mast cells by neuromuscular blocking agents and other agonists: Modulation by Sugammadex by Nithya A. Fernandopulle et al.. <i>Clinical and Experimental Allergy</i> , 2021, 51, 976-977.                      | 1.4 | 2         |
| 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        |

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|----|---|-----|-----------|
| 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 | Diagnosis of Primary Mast Cell Disorders in Anaphylaxis: Value of KIT D816V in Peripheral Blood. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2021, 9, 3176-3187.e3.  | 2.0 | 9         |
| 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 | 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         |
| 28 | Mast cell activation test in chlorhexidine allergy: a proof of concept. <i>British Journal of Anaesthesia</i> , 2020, 125, 970-975.   | 1.5 | 22        |
| 29 | 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         |
| 30 | Serum specific IgE antibodies in immediate drug hypersensitivity. <i>Clinica Chimica Acta</i> , 2020, 504, 119-124.   | 0.5 | 21        |
| 31 | 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         |
| 32 | 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        |
| 33 | 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        |
| 34 | 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        |
| 35 | 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        |
| 36 | Basophil Activation Techniques: Staining of Exteriorized Granule Matrix. <i>Methods in Molecular Biology</i> , 2020, 2163, 213-218.   | 0.4 | 0         |

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|----|---|-----|-----------|
| 37 | Specific IgE to cefazolin: Does it benefit diagnosis?. Journal of Allergy and Clinical Immunology: in Practice, 2019, 7, 2932-2934.   | 2.0 | 10        |
| 38 | Acute Management, Diagnosis, and Follow-Up of Suspected Perioperative Hypersensitivity Reactions in Flanders 2001-2018. Journal of Allergy and Clinical Immunology: in Practice, 2019, 7, 2194-2204.e7. | 2.0 | 32        |
| 39 | Cannabis allergy: what the clinician needs to know in 2019. Expert Review of Clinical Immunology, 2019, 15, 599-606.  | 1.3 | 24        |
| 40 | Occupational cannabis exposure and allergy risks. Occupational and Environmental Medicine, 2019, 76, 78-82.   | 1.3 | 14        |
| 41 | Rocuronium Hypersensitivity: Does Off-Target Occupation of the MRGPRX2 Receptor Play a Role?. Journal of Allergy and Clinical Immunology: in Practice, 2019, 7, 998-1003.                               | 2.0 | 39        |
| 42 | Exploring the Diagnosis and Profile of Cannabis Allergy. Journal of Allergy and Clinical Immunology: in Practice, 2019, 7, 983-989.e5.  | 2.0 | 28        |
| 43 | InÂVitro Diagnosis of Immediate Drug Hypersensitivity During Anesthesia: A Review of the Literature. Journal of Allergy and Clinical Immunology: in Practice, 2018, 6, 1176-1184.                       | 2.0 | 55        |
| 44 | Influence of ILâ€6, ILâ€33, and TNFâ€1â€ on human mast cell activation: Lessons from single cell analysis by flow cytometry. Cytometry Part B - Clinical Cytometry, 2018, 94, 405-411.              | 0.7 | 37        |