

# Tahia Diana Fernandez

## List of Publications by Year in descending order

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Version: 2024-02-01

85  
papers

2,712  
citations

147801  
31  
h-index

189892  
50  
g-index

87  
all docs

87  
docs citations

87  
times ranked

2429  
citing authors

#	ARTICLE	IF	CITATIONS
1	Immediate allergic reactions to cephalosporins: Evaluation of cross-reactivity with a panel of penicillins and cephalosporins. <i>Journal of Allergy and Clinical Immunology</i> , 2006, 117, 404-410.	2.9	184
2	The diagnostic interpretation of basophil activation test in immediate allergic reactions to betalactams. <i>Clinical and Experimental Allergy</i> , 2004, 34, 1768-1775.	2.9	175
3	Negativization rates of IgE radioimmunoassay and basophil activation test in immediate reactions to penicillins. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2009, 64, 242-248.	5.7	144
4	Non-immediate reactions to $\beta$ -lactams: diagnostic value of skin testing and drug provocation test. <i>Clinical and Experimental Allergy</i> , 2008, 38, 822-828.	2.9	108
5	Potential involvement of dendritic cells in delayed-type hypersensitivity reactions to $\beta$ -lactams. <i>Journal of Allergy and Clinical Immunology</i> , 2006, 118, 949-956.	2.9	103
6	Intracellular accumulation and immunological properties of fluorescent gold nanoclusters in human dendritic cells. <i>Biomaterials</i> , 2015, 43, 1-12.	11.4	100
7	Epidemiology, Mechanisms, and Diagnosis of Drug-Induced Anaphylaxis. <i>Frontiers in Immunology</i> , 2017, 8, 614.	4.8	100
8	Diagnosis of immediate hypersensitivity reactions to radiocontrast media. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2013, 68, 1203-1206.	5.7	80
9	Surface chemistry dependent immunostimulative potential of porous silicon nanoplateforms. <i>Biomaterials</i> , 2014, 35, 9224-9235.	11.4	72
10	Restricted Microbiota and Absence of Cognate TCR Antigen Leads to an Unbalanced Generation of Th17 Cells. <i>Journal of Immunology</i> , 2011, 186, 1531-1537.	0.8	67
11	Cytokine and chemokine expression in the skin from patients with maculopapular exanthema to drugs. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2008, 63, 712-719.	5.7	56
12	Multivalent Glycosylation of Fluorescent Gold Nanoclusters Promotes Increased Human Dendritic Cell Targeting via Multiple Endocytic Pathways. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 20945-20956.	8.0	56
13	Use of the Basophil Activation Test May Reduce the Need for Drug Provocation in Amoxicillin-Clavulanic Allergy. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2018, 6, 1010-1018.e2.	3.8	56
14	Ray-Interray Interactions during Fin Regeneration of <i>Danio rerio</i> . <i>Developmental Biology</i> , 2002, 252, 214-224.	2.0	54
15	Monitoring non-immediate allergic reactions to iodine contrast media. <i>Clinical and Experimental Immunology</i> , 2008, 152, 233-238.	2.6	54
16	<i>In Vitro</i> Diagnostic Testing for Antibiotic Allergy. <i>Allergy, Asthma and Immunology Research</i> , 2017, 9, 288.	2.9	51
17	Hypersensitivity to fluoroquinolones. <i>Medicine (United States)</i> , 2016, 95, e3679.	1.0	50
18	The Value of In Vitro Tests to Diminish Drug Challenges. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1222.	4.1	50

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19	Trends in hypersensitivity drug reactions: more drugs, more response patterns, more heterogeneity. <i>Journal of Investigational Allergology and Clinical Immunology</i> , 2014, 24, 143-53; quiz 1 p following 153.	1.3	50
20	Recent developments and highlights in drug hypersensitivity. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2019, 74, 2368-2381.	5.7	49
21	Hypersensitivity reactions to $\beta$ -lactams: relevance of hapten-protein conjugates. <i>Journal of Investigational Allergology and Clinical Immunology</i> , 2015, 25, 12-25.	1.3	49
22	Differential cytokine and transcription factor expression in patients with allergic reactions to drugs. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2007, 62, 1429-1438.	5.7	46
23	Angioedema induced by angiotensin-converting enzyme inhibitors. <i>Current Opinion in Allergy and Clinical Immunology</i> , 2013, 13, 337-344.	2.3	45
24	Initial immunological changes as predictors for house dust mite immunotherapy response. <i>Clinical and Experimental Allergy</i> , 2015, 45, 1542-1553.	2.9	44
25	IgE antibodies to betalactams: relationship between the triggering hapten and the specificity of the immune response. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2006, 61, 940-946.	5.7	42
26	Lymphocyte proliferation response in patients with delayed hypersensitivity reactions to heparins. <i>British Journal of Dermatology</i> , 2009, 160, 259-265.	1.5	42
27	The Basophil Activation Test Can Be of Value for Diagnosing Immediate Allergic Reactions to Omeprazole. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2018, 6, 1628-1636.e2.	3.8	41
28	Basophil activation after nonsteroidal anti-inflammatory drugs stimulation in patients with immediate hypersensitivity reactions to these drugs. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2014, 85, 400-407.	1.5	39
29	Molecular mechanisms of maculopapular exanthema. <i>Current Opinion in Infectious Diseases</i> , 2009, 22, 272-278.	3.1	39
30	The role of IgE recognition in allergic reactions to amoxicillin and clavulanic acid. <i>Clinical and Experimental Allergy</i> , 2016, 46, 264-274.	2.9	37
31	Identification of an antigenic determinant of clavulanic acid responsible for IgE-mediated reactions. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2019, 74, 1490-1501.	5.7	33
32	Patients Taking Amoxicillin-Clavulanic Can Become Simultaneously Sensitized to Both Drugs. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2017, 5, 694-702.e3.	3.8	32
33	Position dependence of hemiray morphogenesis during tail fin regeneration in <i>Danio rerio</i> . <i>Developmental Biology</i> , 2007, 312, 272-283.	2.0	31
34	Evolution of diagnostic approaches in betalactam hypersensitivity. <i>Expert Review of Clinical Pharmacology</i> , 2017, 10, 671-683.	3.1	29
35	LPS promotes Th2 dependent sensitisation leading to anaphylaxis in a Pru p 3 mouse model. <i>Scientific Reports</i> , 2017, 7, 40449.	3.3	28
36	Alternative Anaphylactic Routes: The Potential Role of Macrophages. <i>Frontiers in Immunology</i> , 2017, 8, 515.	4.8	28

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37	Allergic reactions to antibiotics in children. <i>Current Opinion in Allergy and Clinical Immunology</i> , 2014, 14, 278-285.	2.3	27
38	Quorum Sensing Contributes to Activated IgM-Secreting B Cell Homeostasis. <i>Journal of Immunology</i> , 2013, 190, 106-114.	0.8	25
39	Synergistic Effect between Amoxicillin and TLR Ligands on Dendritic Cells from Amoxicillin-Delayed Allergic Patients. <i>PLoS ONE</i> , 2013, 8, e74198.	2.5	24
40	Understanding the mechanisms in accelerated drug reactions. <i>Current Opinion in Allergy and Clinical Immunology</i> , 2016, 16, 308-314.	2.3	23
41	Expression of the Tim3-galectin-9 axis is altered in drug-induced maculopapular exanthema. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2019, 74, 1769-1779.	5.7	22
42	Betalactam antibiotics affect human dendritic cells maturation through MAPK/NF- $\kappa$ B systems. Role in allergic reactions to drugs. <i>Toxicology and Applied Pharmacology</i> , 2015, 288, 289-299.	2.8	21
43	Nanoparticle size influences the proliferative responses of lymphocyte subpopulations. <i>RSC Advances</i> , 2015, 5, 85305-85309.	3.6	21
44	Decrease of selective immunoglobulin E response to amoxicillin despite repeated administration of benzylpenicillin and penicillin V. <i>Clinical and Experimental Allergy</i> , 2005, 35, 1645-1650.	2.9	16
45	Anti-oxidant enzyme activities and expression and oxidative damage in patients with non-immediate reactions to drugs. <i>Clinical and Experimental Immunology</i> , 2006, 145, 287-295.	2.6	16
46	Dendrimeric Antigens for Drug Allergy Diagnosis: A New Approach for Basophil Activation Tests. <i>Molecules</i> , 2018, 23, 997.	3.8	15
47	Advances and novel developments in drug hypersensitivity diagnosis. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2020, 75, 3112-3123.	5.7	15
48	Cellular Tests for the Evaluation of Drug Hypersensitivity. <i>Current Pharmaceutical Design</i> , 2017, 22, 6773-6783.	1.9	15
49	Cross-Reactivity in Betalactam Allergy: Alternative Treatments. <i>Current Treatment Options in Allergy</i> , 2015, 2, 141-154.	2.2	14
50	Dendritic cells inclusion and cell subset assessment improve flow cytometry-based proliferation test in non-immediate drug hypersensitivity reactions. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021, 76, 2123-2134.	5.7	13
51	Diagnostic Approach of Hypersensitivity Reactions to Cefazolin in a Large Prospective Cohort. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2021, 9, 4421-4430.e4.	3.8	12
52	Dermatophagoides pteronyssinus immunotherapy changes the T-regulatory cell activity. <i>Scientific Reports</i> , 2017, 7, 11949.	3.3	11
53	ANAPHYLAXIS TO MARE's MILK. <i>Annals of Allergy, Asthma and Immunology</i> , 2007, 98, 600-602.	1.0	10
54	Contributions of pharmacogenetics and transcriptomics to the understanding of the hypersensitivity drug reactions. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2014, 69, 150-158.	5.7	10

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55	Penicillin and cephalosporin cross-reactivity: role of side chain and synthetic cefadroxil epitopes. <i>Clinical and Translational Allergy</i> , 2020, 10, 57.	3.2	10
56	IgE to penicillins with different specificities can be identified by a multiepitope macromolecule. <i>Journal of Immunological Methods</i> , 2014, 406, 43-50.	1.4	9
57	Differential Plasma-cell evolution is linked with <i>Dermatophagoides pteronyssinus</i> immunotherapy response. <i>Scientific Reports</i> , 2015, 5, 14482.	3.3	9
58	Glycodendropeptides stimulate dendritic cell maturation and T cell proliferation: a potential influenza A virus immunotherapy. <i>MedChemComm</i> , 2015, 6, 1755-1760.	3.4	9
59	Early Biomarkers for Severe Drug Hypersensitivity Reactions. <i>Current Pharmaceutical Design</i> , 2019, 25, 3829-3839.	1.9	8
60	Detection of Serum-Specific IgE by Fluoro-Enzyme Immunoassay for Diagnosing Type I Hypersensitivity Reactions to Penicillins. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6992.	4.1	8
61	Prediction of hypersensitivity to antibiotics: what factors need to be considered?. <i>Expert Review of Clinical Immunology</i> , 2013, 9, 1279-1288.	3.0	7
62	Basophil Histamine Release Induced by Amoxicilloyl-poly-L-lysine Compared With Amoxicillin in Patients With IgE-Mediated Allergic Reactions to Amoxicillin. <i>Journal of Investigational Allergology and Clinical Immunology</i> , 2017, 27, 356-362.	1.3	7
63	T cell assessment in allergic drug reactions during the acute phase according to the time of occurrence. <i>International Journal of Immunopathology and Pharmacology</i> , 2006, 19, 119-30.	2.1	7
64	Widening control of fin interrays in zebrafish and inferences about actinopterygian fins. <i>Journal of Anatomy</i> , 2018, 232, 783-805.	1.5	6
65	Diagnostic Approximation to Delabeling Beta-Lactam Allergic Patients. <i>Current Treatment Options in Allergy</i> , 2019, 6, 56-70.	2.2	6
66	Advances and highlights in T and B cell responses to drug antigens. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2022, 77, 1129-1138.	5.7	6
67	Synthetic antigenic determinants of clavulanic acid induce dendritic cell maturation and specific T cell proliferation in patients with immediate hypersensitivity reactions. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2022, 77, 3070-3083.	5.7	6
68	Role of Effector Cells (CCR7 <sup>+</sup> CD27 <sup>-</sup> ) and Effector-Memory Cells (CCR7 <sup>+</sup> CD27 <sup>+</sup> ) in Drug-Induced Maculopapular Exanthema. <i>International Journal of Immunopathology and Pharmacology</i> , 2010, 23, 437-447.	2.1	5
69	Tests for evaluating non-immediate allergic drug reactions. <i>Expert Review of Clinical Immunology</i> , 2014, 10, 1475-1486.	3.0	5
70	Fluorescent BAPAD Dendrimeric Antigens Are Efficiently Internalized by Human Dendritic Cells. <i>Polymers</i> , 2016, 8, 111.	4.5	5
71	Hypersensitivity Reactions to Fluoroquinolones. <i>Current Treatment Options in Allergy</i> , 2016, 3, 129-146.	2.2	5
72	Basophil Activation Test for Allergy Diagnosis. <i>Journal of Visualized Experiments</i> , 2021, , .	0.3	5

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73	The Role of Benzylpenicilloyl Epimers in Specific IgE Recognition. <i>Frontiers in Pharmacology</i> , 2021, 12, 585890.	3.5	3
74	Nanoarchitectures for efficient IgE cross-linking on effector cells to study amoxicillin allergy. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021, 76, 3183-3193.	5.7	3
75	Penicillin and Cephalosporin-Induced Anaphylaxis: an Update. <i>Current Treatment Options in Allergy</i> , 2018, 5, 188-203.	2.2	2
76	Highlights of the 8th Drug Hypersensitivity Meeting: Amsterdam, April 19-21, 2018. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2018, 73, 1941-1943.	5.7	2
77	T-cell changes induced by desensitisation to BRAF inhibitors in two patients with DRESS. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021, 76, 2285-2288.	5.7	2
78	Contact dermatitis caused by bromide compounds. <i>Contact Dermatitis</i> , 2013, 69, 189-191.	1.4	1
79	New Insights of Biomarkers in IgE and Non-IgE-Mediated Drug Hypersensitivity. <i>Current Treatment Options in Allergy</i> , 2019, 6, 42-55.	2.2	1
80	Inclusion of clavulanic acid determinants in the basophil activation test improves the evaluation of immediate reactions to amoxicillin-clavulanic acid. <i>Clinical and Translational Allergy</i> , 2014, 4, P32.	3.2	0
81	Nasal Responses and Safety of L-ASA Nasal Provocation Test in a Large Series of Patients with NSAID-Exacerbated Respiratory Disease (NERD). <i>Journal of Allergy and Clinical Immunology</i> , 2017, 139, AB34.	2.9	0
82	Quinolone Allergy. , 2018, , 137-144.		0
83	Reply. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2018, 6, 1090-1091.	3.8	0
84	How Mechanism Knowledge Can Help to Management of Drug Hypersensitivity. <i>Current Treatment Options in Allergy</i> , 2020, 7, 14-31.	2.2	0
85	Editorial: Drug Hypersensitivity: From Mechanisms to Improved Diagnosis and Standards of Care. <i>Frontiers in Pharmacology</i> , 2021, 12, 718928.	3.5	0