Stefan F Martin

List of Publications by Year
in descending order

71 papers	3,604 citations	147726 31 h-index	133188 59 g-index
77 all docs	77 docs citations	77 times ranked	4256 citing authors

#	Article	IF	Citations
1	IRE1 and PERK signaling regulates inflammatory responses in a murine model of contact hypersensitivity. Allergy: European Journal of Allergy and Clinical Immunology, 2022, 77, 966-978.	2.7	10
2	Therapeutic targeting of endoplasmic reticulum stress in acute graft-<i>versus</i>-host disease. Haematologica, 2022, 107, 1538-1554.	1.7	3
3	Feeding of a fatâ€enriched diet causes the loss of resistance to contact hypersensitivity. Contact Dermatitis, 2021, 85, 398-406.	0.8	4
4	Proâ€inflammatory immunity supports fibrosis advancement in epidermolysis bullosa: intervention with Angâ€(1â€7). EMBO Molecular Medicine, 2021, 13, e14392.	3.3	13
5	Mechanisms of Irritant and Allergic Contact Dermatitis. , 2021, , 95-120.		6
6	Innate Immune Mechanisms in Contact Dermatitis. Handbook of Experimental Pharmacology, 2021, 268, 297-310.	0.9	4
7	Inter-Î±-Trypsin Inhibitor Heavy Chain 5 (ITIH5) Is a Natural Stabilizer of Hyaluronan That Modulates Biological Processes in the Skin. Skin Pharmacology and Physiology, 2020, 33, 198-206.	1.1	13
8	Identification of Contact Allergens by In Vitro Cell Culture-Based Methods. , 2020, , 1589-1607.		0
9	Mechanisms of Irritant and Allergic Contact Dermatitis. , 2020, , 1-26.		0
10	Nrf2 Involvement in Chemical-Induced Skin Innate Immunity. Frontiers in Immunology, 2019, 10, 1004.	2.2	47
11	Plant Allergen-Induced Contact Dermatitis. Planta Medica, 2019, 85, 528-534.	0.7	6
12	ILâ€10 signaling in dendritic cells is required for tolerance induction in a murine model of allergic airway inflammation. European Journal of Immunology, 2019, 49, 302-312.	1.6	14
13	Lack of Type 2 Innate Lymphoid Cells Promotes a Type I-Driven Enhanced Immune Response in Contact Hypersensitivity. Journal of Investigative Dermatology, 2018, 138, 1962-1972.	0.3	31
14	Contact Allergy. , 2018, , 43-49.		0
15	Identification of Contact Allergens by In Vitro Cell Culture-Based Methods. , 2018, , 1-20.		1
16	Recent advances in understanding and managing contact dermatitis. F1000Research, 2018, 7, 810.	0.8	52
17	Lack of biglycan reduces contact hypersensitivity in mice. Contact Dermatitis, 2018, 79, 326-328.	0.8	5
18	Current knowledge on biomarkers for contact sensitization and allergic contact dermatitis. Contact Dermatitis, 2017, 77, 1-16.	0.8	64

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19	Key Role of the Scavenger Receptor MARCO in Mediating Adenovirus Infection and Subsequent Innate Responses of Macrophages. MBio, 2017, 8, .	1.8	55
20	Contact hypersensitivity: T-cell based assay. Current Opinion in Toxicology, 2017, 5, 39-45.	2.6	4
21	Contact allergens induce CD8+T cell-derived interleukin 10 that appears dispensable for regulation of contact hypersensitivity. Experimental Dermatology, 2017, 26, 449-451.	1.4	8
22	Pathomechanisms of Contact Sensitization. Current Allergy and Asthma Reports, 2017, 17, 83.	2.4	53
23	The Effect of Inhibitory Signals on the Priming of Drug Haptenâ€“Specific T Cells That Express Distinct Vî² Receptors. Journal of Immunology, 2017, 199, 1223-1237.	0.4	41
24	Allergy-Inducing Chromium Compounds Trigger Potent Innate Immune Stimulation Via ROS-Dependent Inflammasome Activation. Journal of Investigative Dermatology, 2017, 137, 367-376.	0.3	47
25	New Approaches to Investigate Drug-Induced Hypersensitivity. Chemical Research in Toxicology, 2017, 30, 239-259.	1.7	18
26	The Human T Cell Priming Assay (hTCPA). , 2017, , 449-454.		1
27	Editorial: Innate Immune Cell Determinants of T Cell Immunity: From Basic Mechanisms to Clinical Implications. Frontiers in Immunology, 2016, 6, 664.	2.2	1
28	Mechanistic Understanding of Contact Allergy. Cosmetics, 2016, 3, 8.	1.5	8
29	Contact Hypersensitivity. Current Protocols in Immunology, 2016, 113, 4.2.1-4.2.7.	3.6	24
30	In Vivo Expansion of Endogenous Regulatory T Cell Populations Induces Long-Term Suppression of Contact Hypersensitivity. Journal of Immunology, 2016, 197, 1567-1576.	0.4	19
31	Novel concepts of immune responses to chemicals in allergic contact dermatitis. Allergo Journal, 2016, 25, 17-21.	0.1	0
32	Novel concepts of immune responses to chemicals in allergic contact dermatitis. Allergo Journal International, 2016, 25, 1-5.	0.9	1
33	Methods to Investigate the Role of Toll-Like Receptors in Allergic Contact Dermatitis. Methods in Molecular Biology, 2016, 1390, 319-340.	0.4	5
34	Skin Inflammation Models in Animals. , 2016, , 1201-1210.		0
35	Neutrophils are required for both the sensitization and elicitation phase of contact hypersensitivity. Journal of Experimental Medicine, 2015, 212, 15-22.	4.2	143
36	Immunological mechanisms in allergic contact dermatitis. Current Opinion in Allergy and Clinical Immunology, 2015, 15, 124-130.	1.1	71

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37	New concepts in cutaneous allergy. Contact Dermatitis, 2015, 72, 2-10.	0.8	84
38	Role of PKC-Î² in chemicalÂallergen-induced CD86 expression and IL-8 release in THP-1 cells. Archives of Toxicology, 2014, 88, 415-424.	1.9	26
39	Neutrophil granulocytes recruited upon translocation of intestinal bacteria enhance graft-versus-host disease via tissue damage. Nature Medicine, 2014, 20, 648-654.	15.2	241
40	Adaptation in the innate immune system and heterologous innate immunity. Cellular and Molecular Life Sciences, 2014, 71, 4115-4130.	2.4	45
41	T Cell Responses to Contact Allergens. Exs, 2014, 104, 41-49.	1.4	7
42	Tools and Methods for Identification and Analysis of Rare Antigen-Specific T Lymphocytes. Exs, 2014, 104, 73-88.	1.4	1
43	Correlation of Contact Sensitizer Potency with T Cell Frequency and TCR Repertoire Diversity. Exs, 2014, 104, 101-114.	1.4	15
44	Efficiency of Dendritic Cell Vaccination against B16 Melanoma Depends on the Immunization Route. PLoS ONE, 2014, 9, e105266.	1.1	18
45	Human T cell priming assay (hTCPA) for the identification of contact allergens based on naive T cells and DC â€“ IFN-Î³ and TNF-Î± readout. Toxicology in Vitro, 2013, 27, 1180-1185.	1.1	46
46	Pepsin Digest of Wheat Gliadin Fraction Increases Production of IL-1Î² via TLR4/MyD88/TRIF/MAPK/NF-ÎºB Signaling Pathway and an NLRP3 Inflammasome Activation. PLoS ONE, 2013, 8, e62426.	1.1	98
47	Allergic Skin Inflammation Induced by Chemical Sensitizers Is Controlled by the Transcription Factor Nrf2. Toxicological Sciences, 2013, 134, 39-48.	1.4	83
48	Induction of Contact Hypersensitivity in the Mouse Model. Methods in Molecular Biology, 2013, 961, 325-335.	0.4	15
49	Skin Inflammation Models in Animals. , 2013, , 1-11.		0
50	Metal allergens nickel and cobalt facilitate TLR4 homodimerization independently of MD2. EMBO Reports, 2012, 13, 1109-1115.	2.0	129
51	Allergic contact dermatitis: xenoinflammation of the skin. Current Opinion in Immunology, 2012, 24, 720-729.	2.4	81
52	Crosstalk of regulatory T cells and tolerogenic dendritic cells prevents contact allergy in subjects with low zone tolerance. Journal of Allergy and Clinical Immunology, 2012, 130, 781-797.e11.	1.5	39
53	Contact Sensitizers Induce Skin Inflammation via ROS Production and Hyaluronic Acid Degradation. PLoS ONE, 2012, 7, e41340.	1.1	153
54	Immunoregulation of skin sensitization and regulatory T cells. Contact Dermatitis, 2012, 67, 179-183.	0.8	24

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55	Contact dermatitis: from pathomechanisms to immunotoxicology. Experimental Dermatology, 2012, 21, 382-389.	1.4	79
56	Allergic contact dermatitis: A commentary on the relationship between T lymphocytes and skin sensitising potency. Toxicology, 2012, 291, 18-24.	2.0	41
57	Identification of Contact Allergens by In Vitro Cell Cultureâ€“Based Methods. , 2012, , 1155-1168.		0
58	T-cell recognition of chemicals, protein allergens and drugs: towards the development of in vitro assays. Cellular and Molecular Life Sciences, 2010, 67, 4171-4184.	2.4	131
59	<i>In vitro</i> and <i>in vivo</i> analysis of proâ€•and antiâ€inflammatory effects of weak and strong contact allergens. Experimental Dermatology, 2010, 19, 1007-1013.	1.4	22
60	Crucial role for human Toll-like receptor 4 in the development of contact allergy to nickel. Nature Immunology, 2010, 11, 814-819.	7.0	525
61	Lack of the purinergic receptor P2X7 results in resistance to contact hypersensitivity. Journal of Experimental Medicine, 2010, 207, 2609-2619.	4.2	183
62	Tracking Human Contact Allergens: From Mass Spectrometric Identification of Peptide-Bound Reactive Small Chemicals to Chemical-Specific Naive Human T-Cell Priming. Toxicological Sciences, 2010, 117, 336-347.	1.4	69
63	Safe cosmetics without animal testing? Contributions of the EU Project Sens-it-iv. Journal Fur Verbraucherschutz Und Lebensmittelsicherheit, 2009, 4, 41-48.	0.5	8
64	Antiâ€inflammatory and immuneâ€•regulatory mechanisms prevent contact hypersensitivity to <i>Arnica montana</i> L.. Experimental Dermatology, 2008, 17, 849-857.	1.4	41
65	Toll-like receptor and IL-12 signaling control susceptibility to contact hypersensitivity. Journal of Experimental Medicine, 2008, 205, 2151-2162.	4.2	195
66	From innate to adaptive immune responses in contact hypersensitivity. Current Opinion in Allergy and Clinical Immunology, 2008, 8, 289-293.	1.1	67
67	Innate and Adaptive Immune Responses in Allergic Contact Dermatitis and Autoimmune Skin Diseases. Inflammation and Allergy: Drug Targets, 2007, 6, 236-244.	1.8	17
68	Interactions of Chemicals and Metal Ions with Proteins and Role for Immune Responses. Mini-Reviews in Medicinal Chemistry, 2006, 6, 247-255.	1.1	26
69	Dendritic cells govern induction and reprogramming of polarized tissue-selective homing receptor patterns of Tâ€„cells: important roles for soluble factors and tissue microenvironments. European Journal of Immunology, 2005, 35, 1056-1065.	1.6	149
70	Fas-Mediated Inhibition of CD4+ T Cell Priming Results in Dominance of Type 1 CD8+ T Cells in the Immune Response to the Contact Sensitizer Trinitrophenyl. Journal of Immunology, 2004, 173, 3178-3185.	0.4	34
71	T Lymphocyte-Mediated Immune Responses to Chemical Haptens and Metal Ions: Implications for Allergic and Autoimmune Disease. International Archives of Allergy and Immunology, 2004, 134, 186-198.	0.9	108