

Sandra Scheiblhofer

List of Publications by Year in descending order

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69
papers

2,047
citations

159358

30
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253896

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77
all docs

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docs citations

77
times ranked

2180
citing authors

#	ARTICLE	IF	CITATIONS
1	Systemic Immune Profile Predicts the Development of Infections in Patients with Spinal Cord Injuries. <i>Journal of Neurotrauma</i> , 2022, 39, 1678-1686.	1.7	2
2	Laser-facilitated epicutaneous immunotherapy with hypoallergenic beta-glucan neoglycoconjugates suppresses lung inflammation and avoids local side effects in a mouse model of allergic asthma. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021, 76, 210-222.	2.7	17
3	Functionalized multifunctional nanovaccine for targeting dendritic cells and modulation of immune response. <i>International Journal of Pharmaceutics</i> , 2021, 593, 120123.	2.6	18
4	Laser-facilitated epicutaneous immunization of mice with SARS-CoV-2 spike protein induces antibodies inhibiting spike/ACE2 binding. <i>Vaccine</i> , 2021, 39, 4399-4403.	1.7	0
5	Laser facilitated epicutaneous peptide immunization using dry patch technology. <i>Vaccine</i> , 2021, 39, 5259-5264.	1.7	1
6	Mast cells and $\gamma\delta$ T cells are largely dispensable for adaptive immune responses after laser-mediated epicutaneous immunization. <i>Vaccine</i> , 2020, 38, 1015-1024.	1.7	3
7	Laser-facilitated epicutaneous immunotherapy with depigmented house dust mite extract alleviates allergic responses in a mouse model of allergic lung inflammation. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2020, 75, 1217-1228.	2.7	12
8	In silico Design of Phl p 6 Variants With Altered Fold-Stability Significantly Impacts Antigen Processing, Immunogenicity and Immune Polarization. <i>Frontiers in Immunology</i> , 2020, 11, 1824.	2.2	8
9	Effect of structural stability on endolysosomal degradation and T cell reactivity of major shrimp allergen tropomyosin. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2020, 75, 2909-2919.	2.7	25
10	Multiple roles of Bet v 1 ligands in allergen stabilization and modulation of endosomal protease activity. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2019, 74, 2382-2393.	2.7	51
11	Evaluation of modified Interferon alpha mRNA constructs for the treatment of non-melanoma skin cancer. <i>Scientific Reports</i> , 2018, 8, 12954.	1.6	12
12	Context matters: TH2 polarization resulting from pollen composition and not from protein-intrinsic allergenicity. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 142, 984-987.e6.	1.5	33
13	DNA and mRNA vaccination against allergies. <i>Pediatric Allergy and Immunology</i> , 2018, 29, 679-688.	1.1	56
14	Skin vaccination via fractional infrared laser ablation - Optimization of laser-parameters and adjuvantation. <i>Vaccine</i> , 2017, 35, 1802-1809.	1.7	39
15	Influence of protein fold stability on immunogenicity and its implications for vaccine design. <i>Expert Review of Vaccines</i> , 2017, 16, 479-489.	2.0	121
16	Natural protective immunity against grass pollen allergy is maintained by a diverse spectrum of response types. <i>Journal of Allergy and Clinical Immunology</i> , 2017, 140, 1746-1749.e11.	1.5	3
17	Synergistic effects of dendritic cell targeting and laser-microporation on enhancing epicutaneous skin vaccination efficacy. <i>Journal of Controlled Release</i> , 2017, 266, 87-99.	4.8	31
18	Generation and Evaluation of Prophylactic mRNA Vaccines Against Allergy. <i>Methods in Molecular Biology</i> , 2017, 1499, 123-139.	0.4	3

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19	Allergy Enhances Neurogenesis and Modulates Microglial Activation in the Hippocampus. <i>Frontiers in Cellular Neuroscience</i> , 2016, 10, 169.	1.8	27
20	Potential of nanoparticles for allergen-specific immunotherapy – use of silica nanoparticles as vaccination platform. <i>Expert Opinion on Drug Delivery</i> , 2016, 13, 1777-1788.	2.4	11
21	Fold stability during endolysosomal acidification is a key factor for allergenicity and immunogenicity of the major birch pollen allergen. <i>Journal of Allergy and Clinical Immunology</i> , 2016, 137, 1525-1534.	1.5	69
22	What is the antiallergic potential of DNA vaccination?. <i>Immunotherapy</i> , 2015, 7, 587-590.	1.0	5
23	Allergens are not pathogens. <i>Human Vaccines and Immunotherapeutics</i> , 2014, 10, 703-707.	1.4	15
24	Allergen microarray detects high prevalence of asymptomatic IgE sensitizations to tropical pollen-derived carbohydrates. <i>Journal of Allergy and Clinical Immunology</i> , 2014, 133, 910-914.e5.	1.5	40
25	Protective and Therapeutic DNA Vaccination Against Allergic Diseases. <i>Methods in Molecular Biology</i> , 2014, 1143, 243-258.	0.4	2
26	Transcutaneous delivery of CpG-adjuvanted allergen via laser-generated micropores. <i>Vaccine</i> , 2013, 31, 3427-3434.	1.7	48
27	Î±-Purothionin, a new wheat allergen associated with severe allergy. <i>Journal of Allergy and Clinical Immunology</i> , 2013, 132, 1000-1003.e4.	1.5	34
28	The influence of antigen targeting to sub-cellular compartments on the anti-allergic potential of a DNA vaccine. <i>Vaccine</i> , 2013, 31, 6113-6121.	1.7	24
29	Laser microporation of the skin: prospects for painless application of protective and therapeutic vaccines. <i>Expert Opinion on Drug Delivery</i> , 2013, 10, 761-773.	2.4	42
30	Generation of hypoallergenic neoglycoconjugates for dendritic cell targeted vaccination: A novel tool for specific immunotherapy. <i>Journal of Controlled Release</i> , 2013, 165, 101-109.	4.8	36
31	New approaches to transcutaneous immunotherapy. <i>Current Opinion in Allergy and Clinical Immunology</i> , 2013, 13, 669-676.	1.1	17
32	Protein Antigen Delivery by Gene Gun-Mediated Epidermal Antigen Incorporation (EAI)., 2013, 940, 401-411.		0
33	T Cell Epitopes of the Timothy Grass Pollen Allergen Phl p 5 of Mice and Men and the Detection of Allergen-Specific T Cells Using Class II Ultimers. <i>International Archives of Allergy and Immunology</i> , 2012, 158, 326-334.	0.9	3
34	mRNA vaccination as a safe approach for specific protection from type I allergy. <i>Expert Review of Vaccines</i> , 2012, 11, 55-67.	2.0	38
35	Molecular and Immunological Characterization of Tri a 36, a Low Molecular Weight Glutenin, as a Novel Major Wheat Food Allergen. <i>Journal of Immunology</i> , 2012, 189, 3018-3025.	0.4	49
36	DNA and RNA Vaccines for Prophylactic and Therapeutic Treatment of Type I Allergy. , 2012, , 247-263.		1

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37	General Mechanisms of Gene Vaccines. , 2012, , 1-35.		0
38	Transcutaneous vaccination via laser microporation. Journal of Controlled Release, 2012, 162, 391-399.	4.8	86
39	Altered IgE epitope presentation: A model for hypoallergenic activity revealed for Bet v 1 trimer. Molecular Immunology, 2011, 48, 431-441.	1.0	33
40	Polymeric Structure and Host Toll-like Receptor 4 Dictate Immunogenicity of NY-ESO-1 Antigen in Vivo. Journal of Biological Chemistry, 2011, 286, 37077-37084.	1.6	7
41	Prophylactic mRNA vaccination against allergy. Current Opinion in Allergy and Clinical Immunology, 2010, 10, 567-574.	1.1	31
42	Visualization of clustered IgE epitopes on $\hat{\pm}$ -lactalbumin. Journal of Allergy and Clinical Immunology, 2010, 125, 1279-1285.e9.	1.5	48
43	Differential effects of C3d on the immunogenicity of gene gun vaccines encoding Plasmodium falciparum and Plasmodium berghei MSP142. Vaccine, 2010, 28, 4515-4522.	1.7	7
44	A Combination Vaccine for Allergy and Rhinovirus Infections Based on Rhinovirus-Derived Surface Protein VP1 and a Nonallergenic Peptide of the Major Timothy Grass Pollen Allergen Phl p 1. Journal of Immunology, 2009, 182, 6298-6306.	0.4	80
45	Cloning, Expression, and Mapping of Allergenic Determinants of $\hat{\pm}$ S1-Casein, a Major Cow's Milk Allergen. Journal of Immunology, 2009, 182, 7019-7029.	0.4	62
46	Immunize and disappear" Safety-optimized mRNA vaccination with a panel of 29 allergens. Journal of Allergy and Clinical Immunology, 2009, 124, 1070-1077.e11.	1.5	68
47	Epidermal Langerhans Cells Are Dispensable for Humoral and Cell-Mediated Immunity Elicited by Gene Gun Immunization. Journal of Immunology, 2007, 179, 886-893.	0.4	55
48	A Hypoallergenic Vaccine Obtained by Tail-to-Head Restructuring of Timothy Grass Pollen Profilin, Phl p 12, for the Treatment of Cross-Sensitization to Profilin. Journal of Immunology, 2007, 179, 7624-7634.	0.4	27
49	Epidermal inoculation of Leishmania-antigen by gold bombardment results in a chronic form of leishmaniasis. Vaccine, 2007, 25, 25-33.	1.7	12
50	Gene gun immunization with clinically relevant allergens aggravates allergen induced pathology and is contraindicated for allergen immunotherapy. Molecular Immunology, 2007, 44, 1879-1887.	1.0	20
51	Generation of hypoallergenic DNA vaccines by forced ubiquitination: Preventive and therapeutic effects in a mouse model of allergy. Journal of Allergy and Clinical Immunology, 2006, 118, 269-276.	1.5	42
52	Immunization with a low-dose replicon DNA vaccine encoding Phl p 5 effectively prevents allergic sensitization. Journal of Allergy and Clinical Immunology, 2006, 118, 734-741.	1.5	37
53	Genetic vaccination approaches against malaria based on the circumsporozoite protein. Wiener Klinische Wochenschrift, 2006, 118, 9-17.	1.0	5
54	DNA Vaccines for Allergy Treatment. , 2006, 127, 253-268.		6

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55	Replicase-Based DNA Vaccines for Allergy Treatment. , 2006, 127, 221-236.		7
56	Is Genetic Vaccination against Allergy Possible?. International Archives of Allergy and Immunology, 2006, 139, 332-345.	0.9	35
57	C3d binding to the circumsporozoite protein carboxy-terminus deviates immunity against malaria. International Immunology, 2005, 17, 245-255.	1.8	37
58	Design of Protective and Therapeutic DNA Vaccines for the Treatment of Allergic Diseases. Inflammation and Allergy: Drug Targets, 2005, 4, 585-597.	3.1	21
59	DNA vaccines for allergy treatment. Methods, 2004, 32, 328-339.	1.9	31
60	Treatment of 1-methyl-1-nitrosourea-induced mammary tumours with immunostimulatory CpG motifs and 13-cis retinoic acid in female rats: histopathological study. Experimental and Toxicologic Pathology, 2003, 55, 173-179.	2.1	5
61	A DNA vaccine encoding the outer surface protein C from Borrelia burgdorferi is able to induce protective immune responses. Microbes and Infection, 2003, 5, 939-946.	1.0	38
62	Gene gun bombardment with gold particles displays a particular Th2-promoting signal that over-rides the Th1-inducing effect of immunostimulatory CpG motifs in DNA vaccines. Vaccine, 2002, 20, 3148-3154.	1.7	90
63	Removal of the circumsporozoite protein (CSP) glycosylphosphatidylinositol signal sequence from a CSP DNA vaccine enhances induction of CSP-specific Th2 type immune responses and improves protection against malaria infection. European Journal of Immunology, 2001, 31, 692-698.	1.6	40
64	Genetic Vaccination against Malaria Infection by Intradermal and Epidermal Injections of a Plasmid Containing the Gene Encoding the Plasmodium berghei Circumsporozoite Protein. Infection and Immunity, 2000, 68, 5914-5919.	1.0	50
65	DNA immunization in vivo down-regulates nuclear all-trans retinoic acid receptors in mouse spleen cells. Molecular and Cellular Endocrinology, 2000, 165, 107-113.	1.6	3
66	Isoforms of the Major Allergen of Birch Pollen Induce Different Immune Responses after Genetic Immunization. International Archives of Allergy and Immunology, 1999, 120, 17-29.	0.9	43
67	DNA immunization is associated with increased activity of type I iodothyronine 5 α -deiodinase in mouse liver. Molecular and Cellular Endocrinology, 1999, 152, 85-89.	1.6	11
68	Improvement of the immune response against plasmid DNA encoding OspC of Borrelia by an ER-targeting leader sequence. Vaccine, 1999, 18, 815-824.	1.7	25
69	Immune responses after immunization with plasmid DNA encoding Bet v 1, the major allergen of birch pollen. Journal of Allergy and Clinical Immunology, 1999, 103, 107-113.	1.5	86