Suzanne Bal

List of Publications by Year in descending order

39 papers	3,519 citations	147726 31 h-index	315616 38 g-index
39 all docs	39 docs citations	39 times ranked	4558 citing authors

#	Article	IF	Citations
1	IL-1Î², IL-4 and IL-12 control the fate of group 2 innate lymphoid cells in human airway inflammation in the lungs. Nature Immunology, 2016, 17, 636-645.	7.0	397
2	In vivo assessment of safety of microneedle arrays in human skin. European Journal of Pharmaceutical Sciences, 2008, 35, 193-202.	1.9	248
3	Plasticity of innate lymphoid cell subsets. Nature Reviews Immunology, 2020, 20, 552-565.	10.6	203
4	Assembled microneedle arrays enhance the transport of compounds varying over a large range of molecular weight across human dermatomed skin. Journal of Controlled Release, 2007, 117, 238-245.	4.8	186
5	Improved piercing of microneedle arrays in dermatomed human skin by an impact insertion method. Journal of Controlled Release, 2008, 128, 80-88.	4.8	180
6	Advances in transcutaneous vaccine delivery: Do all ways lead to Rome?. Journal of Controlled Release, 2010, 148, 266-282.	4.8	177
7	Nasal vaccination with N-trimethyl chitosan and PLGA based nanoparticles: Nanoparticle characteristics determine quality and strength of the antibody response in mice against the encapsulated antigen. Vaccine, 2010, 28, 6282-6291.	1.7	176
8	Induction of IL-10-producing type 2 innate lymphoid cells by allergen immunotherapy is associated with clinical response. Immunity, 2021, 54, 291-307.e7.	6.6	134
9	Pulmonary delivery of DNA encoding Mycobacterium tuberculosis latency antigen Rv1733c associated to PLGAâ€“PEI nanoparticles enhances T cell responses in a DNA prime/protein boost vaccination regimen in mice. Vaccine, 2009, 27, 4010-4017.	1.7	103
10	Neuropilin-1 Is Expressed on Lymphoid Tissue Residing LTi-like Group 3 Innate Lymphoid Cells and Associated with Ectopic Lymphoid Aggregates. Cell Reports, 2017, 18, 1761-1773.	2.9	98
11	IL-1Î², IL-23, and TGF-Î² drive plasticity of human ILC2s towards IL-17-producing ILCs in nasal inflammation. Nature Communications, 2019, 10, 2162.	5.8	95
12	Covalently stabilized trimethyl chitosan-hyaluronic acid nanoparticles for nasal and intradermal vaccination. Journal of Controlled Release, 2011, 156, 46-52.	4.8	94
13	Adjuvanted, antigen loaded N-trimethyl chitosan nanoparticles for nasal and intradermal vaccination: Adjuvant- and site-dependent immunogenicity in mice. European Journal of Pharmaceutical Sciences, 2012, 45, 475-481.	1.9	94
14	Towards tailored vaccine delivery: Needs, challenges and perspectives. Journal of Controlled Release, 2012, 161, 363-376.	4.8	93
15	KLRG1 and NKp46 discriminate subpopulations of human CD117+CRTH2â^' ILCs biased toward ILC2 or ILC3. Journal of Experimental Medicine, 2019, 216, 1762-1776.	4.2	93
16	Efficient induction of immune responses through intradermal vaccination with N-trimethyl chitosan containing antigen formulations. Journal of Controlled Release, 2010, 142, 374-383.	4.8	86
17	Co-encapsulation of antigen and Toll-like receptor ligand in cationic liposomes affects the quality of the immune response in mice after intradermal vaccination. Vaccine, 2011, 29, 1045-1052.	1.7	83
18	Emerging roles of innate lymphoid cells in inflammatory diseases: Clinical implications. Allergy: European Journal of Allergy and Clinical Immunology, 2018, 73, 837-850.	2.7	79

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19	Eosinophils capture viruses, a capacity that is defective in asthma. Allergy: European Journal of Allergy and Clinical Immunology, 2019, 74, 1898-1909.	2.7	79
20	Microneedle-Based Transcutaneous Immunisation in Mice with N-Trimethyl Chitosan Adjuvanted Diphtheria Toxoid Formulations. Pharmaceutical Research, 2010, 27, 1837-1847.	1.7	73
21	Innate lymphoid cells in autoimmunity: emerging regulators in rheumatic diseases. Nature Reviews Rheumatology, 2017, 13, 164-173.	3.5	69
22	Antiâ€"IL-5 in Mild Asthma Alters Rhinovirus-induced Macrophage, B-Cell, and Neutrophil Responses (MATERIAL). A Placebo-controlled, Double-Blind Study. American Journal of Respiratory and Critical Care Medicine, 2019, 199, 508-517.	2.5	68
23	New insights into the function, development, and plasticity of type 2 innate lymphoid cells. Immunological Reviews, 2018, 286, 74-85.	2.8	67
24	Influence of microneedle shape on the transport of a fluorescent dye into human skin in vivo. Journal of Controlled Release, 2010, 147, 218-224.	4.8	66
25	Adjuvant effect of cationic liposomes and CpG depends on administration route. Journal of Controlled Release, 2011, 154, 123-130.	4.8	65
26	Steroid-resistant human inflammatory ILC2s are marked by CD45RO and elevated in type 2 respiratory diseases. Science Immunology, 2021, 6, .	5.6	65
27	In vivovisualization of microneedle conduits in human skin using laser scanning microscopy. Laser Physics Letters, 2010, 7, 242-246.	0.6	59
28	Antigenâ^'Adjuvant Nanoconjugates for Nasal Vaccination: An Improvement over the Use of Nanoparticles?. Molecular Pharmaceutics, 2010, 7, 2207-2215.	2.3	54
29	Small is beautiful: N-trimethyl chitosanâ€"ovalbumin conjugates for microneedle-based transcutaneous immunisation. Vaccine, 2011, 29, 4025-4032.	1.7	54
30	Transcutaneous Immunization Studies in Mice Using Diphtheria Toxoid-Loaded Vesicle Formulations and a Microneedle Array. Pharmaceutical Research, 2011, 28, 145-158.	1.7	43
31	An early innate response underlies severe influenzaâ€induced exacerbations of asthma in a novel steroidâ€insensitive and antiâ€<scp>IL</scp>â€5â€responsive mouse model. Allergy: European Journal of Allergy and Clinical Immunology, 2017, 72, 737-753.	2.7	38
32	Do eosinophils contribute to oxidative stress in mild asthma?. Clinical and Experimental Allergy, 2019, 49, 929-931.	1.4	23
33	Isolation of Human Innate Lymphoid Cells. Current Protocols in Immunology, 2018, 122, e55.	3.6	21
34	Interferon-induced epithelial response to rhinovirus 16 in asthma relates to inflammation and FEV1. Journal of Allergy and Clinical Immunology, 2019, 143, 442-447.e10.	1.5	18
35	CD45RA ⁺ CD62L ^{â^'} ILCs in human tissues represent a quiescent local reservoir for the generation of differentiated ILCs. Science Immunology, 2022, 7, eabj8301.	5.6	14
36	The role of innate lymphoid cells in airway inflammation. Current Opinion in Pulmonary Medicine, 2018, 24, 11-17.	1.2	10

#	Article	IF	Citations
37	The caspase inhibitor zVAD increases lung inflammation in pneumovirus infection in mice. Physiological Reports, 2015, 3, e12332.	0.7	9
38	T _{regs} in fibrosis: To know your enemy, you must become your enemy. Science Immunology, 2019, 4, .	5.6	5
39	LSC Abstract â€“ A dual role for eosinophils upon viral exposure; its relevance in virus-induced loss of asthma control. , 2016, , .		0