Ana B Pavel

List of Publications by Year
in descending order

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64 papers	3,070 citations	147801 31 h-index	182427 51 g-index
64 all docs	64 docs citations	64 times ranked	2466 citing authors

#	Article	IF	Citations
1	Mapping atopic dermatitis and antiâ€“IL-22 response signatures to type 2â€“low severe neutrophilic asthma. Journal of Allergy and Clinical Immunology, 2022, 149, 89-101.	2.9	22
2	Scalp and serum profiling of frontal fibrosing alopecia reveals scalp immune and fibrosis dysregulation with no systemic involvement. Journal of the American Academy of Dermatology, 2022, 86, 551-562.	1.2	6
3	Phase 2a randomized clinical trial of dupilumab (antiâ€IL-4Rα) for alopecia areata patients. Allergy: European Journal of Allergy and Clinical Immunology, 2022, 77, 897-906.	5.7	51
4	COVID-19 Symptoms Are Attenuated in Moderate-to-Severe Atopic Dermatitis Patients Treated with Dupilumab. Journal of Allergy and Clinical Immunology: in Practice, 2022, 10, 134-142.	3.8	34
5	Ritlecitinib and brepocitinib demonstrate significant improvement in scalp alopecia areata biomarkers. Journal of Allergy and Clinical Immunology, 2022, 149, 1318-1328.	2.9	30
6	Th1, Th2 and Th17 inflammatory pathways synergistically predict cardiometabolic protein expression in serum of COVID-19 patients. Molecular Omics, 2022, , .	2.8	4
7	The impact of dupilumab treatment on severe acute respiratory syndrome coronavirus 2-coronavirus disease 2019 antibody responses in patients with atopic dermatitis. Annals of Allergy, Asthma and Immunology, 2022, 128, 734-736.	1.0	10
8	Transcriptomic Analysis of the Major Orphan Ichthyosis Subtypes Reveals Shared Immune and Barrier Signatures. Journal of Investigative Dermatology, 2022, 142, 2363-2374.e18.	0.7	11
9	Analysis of alopecia areata surveys suggests a threshold for improved patient-reported outcomes. British Journal of Dermatology, 2022, 187, 539-547.	1.5	7
10	Tape strips capture atopic dermatitisâ€related changes in nonlesional skin throughout maturation. Allergy: European Journal of Allergy and Clinical Immunology, 2022, 77, 3445-3447.	5.7	11
11	Phase 2 randomized, double-blind study of IL-17 targeting with secukinumab in atopic dermatitis. Journal of Allergy and Clinical Immunology, 2021, 147, 394-397.	2.9	69
12	Cross-sectional study of blood biomarkers of patients with moderate to severe alopecia areata reveals systemic immune and cardiovascular biomarker dysregulation. Journal of the American Academy of Dermatology, 2021, 84, 370-380.	1.2	42
13	Tape strips from earlyâ€onset pediatric atopic dermatitis highlight disease abnormalities in nonlesional skin. Allergy: European Journal of Allergy and Clinical Immunology, 2021, 76, 314-325.	5.7	61
14	Mild atopic dermatitis lacks systemic inflammation and shows reduced nonlesional skin abnormalities. Journal of Allergy and Clinical Immunology, 2021, 147, 1369-1380.	2.9	66
15	SARSâ€CoVâ€2 receptor ACE2 protein expression in serum is significantly associated with age. Allergy: European Journal of Allergy and Clinical Immunology, 2021, 76, 875-878.	5.7	29
16	Tape strips detect distinct immune and barrier profiles in atopic dermatitis and psoriasis. Journal of Allergy and Clinical Immunology, 2021, 147, 199-212.	2.9	113
17	Combination of apremilast and narrowband ultraviolet B light in the treatment of generalized vitiligo in skin phototypes IV to VI: A randomized split-body pilot study. Journal of the American Academy of Dermatology, 2021, 85, 1657-1660.	1.2	8
18	Tape-strips provide a minimally invasive approach to track therapeutic response to topical corticosteroids in atopic dermatitis patients. Journal of Allergy and Clinical Immunology: in Practice, 2021, 9, 576-579.e3.	3.8	13

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19	Proteomic analysis from skin swabs reveals a new set of proteins identifying skin impairment in atopic dermatitis. Experimental Dermatology, 2021, 30, 811-819.	2.9	30
20	Highâ€dimensional analysis defines multicytokine Tâ€cell subsets and supports a role for ILâ€21 in atopic dermatitis. Allergy: European Journal of Allergy and Clinical Immunology, 2021, 76, 3080-3093.	5.7	6
21	Vascular inflammation in moderateâ€toâ€severe atopic dermatitis is associated with enhanced Th2 response. Allergy: European Journal of Allergy and Clinical Immunology, 2021, 76, 3107-3121.	5.7	23
22	An integrated scalp and blood biomarker approach suggests the systemic nature of alopecia areata. Allergy: European Journal of Allergy and Clinical Immunology, 2021, 76, 3053-3065.	5.7	15
23	Th2/Th1 Cytokine Imbalance Is Associated With Higher COVID-19 Risk Mortality. Frontiers in Genetics, 2021, 12, 706902.	2.3	61
24	A Phase 1b, Randomized, Single-Center Trial of Topical Cerdulatinib (DMVT-502) in Patients with Mild-to-Moderate Atopic Dermatitis. Journal of Investigative Dermatology, 2021, 141, 1847-1851.	0.7	16
25	The molecular features of normal and atopic dermatitis skin in infants, children, adolescents, and adults. Journal of Allergy and Clinical Immunology, 2021, 148, 148-163.	2.9	72
26	Transcriptomic Profiling of Tape-Strips From Moderate to Severe Atopic Dermatitis Patients Treated With Dupilumab. Dermatitis, 2021, 32, S71-S80.	1.6	16
27	A phase 2a randomized, placebo-controlled study to evaluate the efficacy and safety of the oral Janus kinase inhibitors ritlecitinib and brepocitinib in alopecia areata: 24-week results. Journal of the American Academy of Dermatology, 2021, 85, 379-387.	1.2	92
28	Immune and barrier characterization of atopic dermatitis skin phenotype in Tanzanian patients. Annals of Allergy, Asthma and Immunology, 2021, 127, 334-341.	1.0	23
29	The role of circulating eosinophils on COVIDâ€19 mortality varies by race/ethnicity. Allergy: European Journal of Allergy and Clinical Immunology, 2021, 76, 925-927.	5.7	14
30	Evolution of pathologic T-cell subsets in patients with atopic dermatitis from infancy to adulthood. Journal of Allergy and Clinical Immunology, 2020, 145, 215-228.	2.9	70
31	The proteomic skin profile of moderate-to-severe atopic dermatitis patients shows an inflammatory signature. Journal of the American Academy of Dermatology, 2020, 82, 690-699.	1.2	103
32	Granuloma annulare skin profile shows activation of T-helper cell type 1, T-helper cell type 2, and Janus kinase pathways. Journal of the American Academy of Dermatology, 2020, 83, 63-70.	1.2	42
33	Kallikrein 7 Promotes Atopic Dermatitis-Associated Itch Independently ofÂSkin Inflammation. Journal of Investigative Dermatology, 2020, 140, 1244-1252.e4.	0.7	36
34	Improving evaluation of drugs in atopic dermatitis by combining clinical and molecular measures. Journal of Allergy and Clinical Immunology: in Practice, 2020, 8, 3622-3625.e19.	3.8	15
35	A Preliminary 18F-FDG-PET/MRI Study Shows Increased Vascular Inflammation in Moderate-to-Severe Atopic Dermatitis. Journal of Allergy and Clinical Immunology: in Practice, 2020, 8, 3500-3506.	3.8	12
36	Tape-Strip Proteomic Profiling of Atopic Dermatitis on Dupilumab Identifies Minimally Invasive Biomarkers. Frontiers in Immunology, 2020, 11, 1768.	4.8	58

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37	RNA Sequencing Keloid Transcriptome Associates Keloids With Th2, Th1, Th17/Th22, and JAK3-Skewing. Frontiers in Immunology, 2020, 11, 597741.	4.8	51
38	Comparing cutaneous molecular improvement with different treatments in atopic dermatitis patients. Journal of Allergy and Clinical Immunology, 2020, 145, 1285-1288.	2.9	15
39	A Nitric Oxideâ€“Releasing Topical Medication asÂaÂPotential Treatment Option for Atopic Dermatitis through Antimicrobial and Anti-Inflammatory Activity. Journal of Investigative Dermatology, 2020, 140, 2531-2535.e2.	0.7	8
40	Arsenic and chromium levels in hair correlate with actinic keratosis/non melanoma skin cancer: results of an observational controlled study. Italian Journal of Dermatology and Venereology, 2020, , .	0.2	8
41	Major Differences in Expression of Inflammatory Pathways in Skin from Different Body Sites of Healthy Individuals. Journal of Investigative Dermatology, 2019, 139, 2228-2232.e10.	0.7	25
42	Use of Tape Strips to Detect Immune and Barrier Abnormalities in the Skin of Children With Early-Onset Atopic Dermatitis. JAMA Dermatology, 2019, 155, 1358.	4.1	113
43	Oral Janus kinase/SYK inhibition (ASN002) suppresses inflammation and improves epidermal barrier markers in patients with atopic dermatitis. Journal of Allergy and Clinical Immunology, 2019, 144, 1011-1024.	2.9	95
44	Crisaborole and atopic dermatitis skin biomarkers: An intrapatient randomized trial. Journal of Allergy and Clinical Immunology, 2019, 144, 1274-1289.	2.9	82
45	The blood proteomic signature of early-onset pediatric atopic dermatitis shows systemic inflammation and is distinct from adult long-standing disease. Journal of the American Academy of Dermatology, 2019, 81, 510-519.	1.2	76
46	Age-specific changes in the molecular phenotype of patients with moderate-to-severe atopic dermatitis. Journal of Allergy and Clinical Immunology, 2019, 144, 144-156.	2.9	99
47	GBR 830, an anti-OX40, improves skin gene signatures and clinical scores in patients with atopic dermatitis. Journal of Allergy and Clinical Immunology, 2019, 144, 482-493.e7.	2.9	144
48	A Phase 2 Randomized Trial of Apremilast inÂPatients with Atopic Dermatitis. Journal of Investigative Dermatology, 2019, 139, 1063-1072.	0.7	84
49	A pan-cancer analysis of progression mechanisms and drug sensitivity in cancer cell lines. Molecular Omics, 2019, 15, 399-405.	2.8	2
50	Atopic dermatitis in African American patients is TH2/TH22-skewed with TH1/TH17 attenuation. Annals of Allergy, Asthma and Immunology, 2019, 122, 99-110.e6.	1.0	150
51	Baseline IL-22 expression in patients with atopic dermatitis stratifies tissue responses to fezakinumab. Journal of Allergy and Clinical Immunology, 2019, 143, 142-154.	2.9	135
52	Blood endotyping distinguishes the profile of vitiligo from that of other inflammatory and autoimmune skin diseases. Journal of Allergy and Clinical Immunology, 2019, 143, 2095-2107.	2.9	33
53	Distinct transcriptomic profiles of early-onset atopic dermatitis in blood and skin of pediatric patients. Annals of Allergy, Asthma and Immunology, 2019, 122, 318-330.e3.	1.0	40
54	Serum from Asian patients with atopic dermatitis is characterized by TH2/TH22 activation, which is highly correlated with nonlesional skin measures. Journal of Allergy and Clinical Immunology, 2018, 142, 324-328.e11.	2.9	52

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55	Efficacy and safety of fezakinumab (an IL-22 monoclonal antibody) in adults with moderate-to-severe atopic dermatitis inadequately controlled by conventional treatments: A randomized, double-blind, phase 2a trial. Journal of the American Academy of Dermatology, 2018, 78, 872-881.e6.	1.2	265
56	An integrated model of alopecia areata biomarkers highlights both TH1 and TH2 upregulation. Journal of Allergy and Clinical Immunology, 2018, 142, 1631-1634.e13.	2.9	38
57	Atopic dermatitis in Chinese patients shows TH2/TH17 skewing with psoriasiform features. Journal of Allergy and Clinical Immunology, 2018, 142, 1013-1017.	2.9	72
58	Alterations in Bronchial Airway miRNA Expression for Lung Cancer Detection. Cancer Prevention Research, 2017, 10, 651-659.	1.5	31
59	Integrative modeling of multi-omics data to identify cancer drivers and infer patient-specific gene activity. BMC Systems Biology, 2016, 10, 16.	3.0	24
60	Identifying cancer type specific oncogenes and tumor suppressors using limited size data. Journal of Bioinformatics and Computational Biology, 2016, 14, 1650031.	0.8	9
61	Integrating mutation and gene expression cross-sectional data to infer cancer progression. BMC Systems Biology, 2016, 10, 12.	3.0	24
62	Universality of Enzymatic Numerical P systems. International Journal of Computer Mathematics, 2013, 90, 869-879.	1.8	16
63	On the power of enzymatic numerical P systems. Acta Informatica, 2012, 49, 395-412.	0.5	28
64	Using enzymatic numerical P systems for modeling mobile robot controllers. Natural Computing, 2012, 11, 387-393.	3.0	60