Mayte Suarez-Farinas

List of Publications by Year
in descending order

169 papers	18,754 citations	13865 67 h-index	12946 131 g-index
180 all docs	180 docs citations	180 times ranked	19905 citing authors

#	Article	IF	Citations
1	Immunology of Psoriasis. Annual Review of Immunology, 2014, 32, 227-255.	21.8	1,242
2	Dupilumab Treatment in Adults with Moderate-to-Severe Atopic Dermatitis. New England Journal of Medicine, 2014, 371, 130-139.	27.0	1,148
3	A Translational Profiling Approach for the Molecular Characterization of CNS Cell Types. Cell, 2008, 135, 738-748.	28.9	1,007
4	Progressive activation of TH2/TH22 cytokines and selective epidermal proteins characterizes acute and chronic atopic dermatitis. Journal of Allergy and Clinical Immunology, 2012, 130, 1344-1354.	2.9	731
5	Amelioration of epidermal hyperplasia by TNF inhibition is associated with reduced Th17 responses. Journal of Experimental Medicine, 2007, 204, 3183-3194.	8.5	604
6	Integrative Responses to IL-17 and TNF-α in Human Keratinocytes Account for Key Inflammatory Pathogenic Circuits in Psoriasis. Journal of Investigative Dermatology, 2011, 131, 677-687.	0.7	526
7	The Asian atopic dermatitis phenotype combines features of atopic dermatitis and psoriasis with increased TH17 polarization. Journal of Allergy and Clinical Immunology, 2015, 136, 1254-1264.	2.9	476
8	Dupilumab progressively improves systemic and cutaneous abnormalities in patients with atopic dermatitis. Journal of Allergy and Clinical Immunology, 2019, 143, 155-172.	2.9	436
9	A molecular single-cell lung atlas of lethal COVID-19. Nature, 2021, 595, 114-119.	27.8	411
10	Intrinsic atopic dermatitis shows similar TH2 and higher TH17 immune activation compared with extrinsic atopic dermatitis. Journal of Allergy and Clinical Immunology, 2013, 132, 361-370.	2.9	402
11	Dupilumab improves the molecular signature in skin of patients with moderate-to-severe atopic dermatitis. Journal of Allergy and Clinical Immunology, 2014, 134, 1293-1300.	2.9	386
12	Nonlesional atopic dermatitis skin is characterized by broad terminal differentiation defects and variable immune abnormalities. Journal of Allergy and Clinical Immunology, 2011, 127, 954-964.e4.	2.9	375
13	IL-17A is essential for cell activation and inflammatory gene circuits in subjects with psoriasis. Journal of Allergy and Clinical Immunology, 2012, 130, 145-154.e9.	2.9	320
14	Early-onset pediatric atopic dermatitis is TH2 but also TH17 polarized in skin. Journal of Allergy and Clinical Immunology, 2016, 138, 1639-1651.	2.9	309
15	Systematic behavioral evaluation of Huntington's disease transgenic and knock-in mouse models. Neurobiology of Disease, 2009, 35, 319-336.	4.4	281
16	Effective treatment of psoriasis with etanercept is linked to suppression of IL-17 signaling, not immediate response TNF genes. Journal of Allergy and Clinical Immunology, 2009, 124, 1022-1030.e395.	2.9	273
17	A Subpopulation of CD163-Positive Macrophages Is Classically Activated in Psoriasis. Journal of Investigative Dermatology, 2010, 130, 2412-2422.	0.7	249
18	Expanding the Psoriasis Disease Profile: Interrogation of the Skin and Serum of Patients with Moderate-to-Severe Psoriasis. Journal of Investigative Dermatology, 2012, 132, 2552-2564.	0.7	240

#	Article	IF	Citations
19	Broad defects in epidermal cornification in atopic dermatitis identified through genomic analysis. Journal of Allergy and Clinical Immunology, 2009, 124, 1235-1244.e58.	2.9	231
20	RNA sequencing atopic dermatitis transcriptome profiling provides insights into novel disease mechanisms with potential therapeutic implications. Journal of Allergy and Clinical Immunology, 2015, 135, 1218-1227.	2.9	229
21	Molecular profiling of contact dermatitis skin identifies allergen-dependent differences in immune response. Journal of Allergy and Clinical Immunology, 2014, 134, 362-372.	2.9	224
22	The atopic dermatitis blood signature is characterized by increases in inflammatory and cardiovascular risk proteins. Scientific Reports, 2017, 7, 8707.	3.3	188
23	Identification of novel immune and barrier genes in atopic dermatitis by means of laser capture microdissection. Journal of Allergy and Clinical Immunology, 2015, 135, 153-163.	2.9	187
24	Severe atopic dermatitis is characterized by selective expansion of circulating TH2/TC2 and TH22/TC22, but not TH17/TC17, cells within the skin-homing T-cell population. Journal of Allergy and Clinical Immunology, 2015, 136, 104-115.e7.	2.9	183
25	Reversal of atopic dermatitis with narrow-band UVB phototherapy and biomarkers for therapeutic response. Journal of Allergy and Clinical Immunology, 2011, 128, 583-593.e4.	2.9	182
26	Efficacy and safety of ustekinumab treatment in adults with moderateâ€toâ€severe atopic dermatitis. Experimental Dermatology, 2017, 26, 28-35.	2.9	182
27	Alopecia areata profiling shows TH1, TH2, and IL-23 cytokine activation without parallel TH17/TH22 skewing. Journal of Allergy and Clinical Immunology, 2015, 136, 1277-1287.	2.9	176
28	Early pediatric atopic dermatitis shows only a cutaneous lymphocyte antigen (CLA)+ TH2/TH1 cell imbalance, whereas adults acquire CLA+ TH22/TC22 cell subsets. Journal of Allergy and Clinical Immunology, 2015, 136, 941-951.e3.	2.9	175
29	Identification of Cellular Pathways of â€œType 1,â€•Th17 T Cells, and TNF- and Inducible Nitric Oxide Synthase-Producing Dendritic Cells in Autoimmune Inflammation through Pharmacogenomic Study of Cyclosporine A in Psoriasis. Journal of Immunology, 2008, 180, 1913-1920.	0.8	165
30	Resolved Psoriasis Lesions Retain Expression of a Subset of Disease-Related Genes. Journal of Investigative Dermatology, 2011, 131, 391-400.	0.7	164
31	Evaluation of the Psoriasis Transcriptome across Different Studies by Gene Set Enrichment Analysis (GSEA). PLoS ONE, 2010, 5, e10247.	2.5	161
32	Tumor-Associated Macrophages in the Cutaneous SCC Microenvironment Are Heterogeneously Activated. Journal of Investigative Dermatology, 2011, 131, 1322-1330.	0.7	160
33	IL-17 and TNF Synergistically Modulate Cytokine Expression while Suppressing Melanogenesis: Potential Relevance to Psoriasis. Journal of Investigative Dermatology, 2013, 133, 2741-2752.	0.7	156
34	An Integrated Model of Atopic Dermatitis Biomarkers Highlights the Systemic Nature of the Disease. Journal of Investigative Dermatology, 2017, 137, 603-613.	0.7	156
35	Meta-Analysis Derived (MAD) Transcriptome of Psoriasis Defines the â€œCoreâ€•Pathogenesis of Disease. PLoS ONE, 2012, 7, e44274.	2.5	149
36	IL-17 Induces an Expanded Range of Downstream Genes in Reconstituted Human Epidermis Model. PLoS ONE, 2014, 9, e90284.	2.5	149

#	Article	IF	Citations
37	Cyclosporine in patients with atopic dermatitis modulates activated inflammatory pathways and reverses epidermal pathology. Journal of Allergy and Clinical Immunology, 2014, 133, 1626-1634.	2.9	146
38	IFNÎ³-Dependent Tissue-Immune Homeostasis Is Co-opted in the Tumor Microenvironment. Cell, 2017, 170, 127-141.e15.	28.9	140
39	Effective Narrow-Band UVB Radiation Therapy Suppresses the IL-23/IL-17 Axis in Normalized Psoriasis Plaques. Journal of Investigative Dermatology, 2010, 130, 2654-2663.	0.7	136
40	An IL-17â€"dominant immune profile is shared across the major orphan forms of ichthyosis. Journal of Allergy and Clinical Immunology, 2017, 139, 152-165.	2.9	135
41	Petrolatum: Barrier repair and antimicrobial responses underlying this â€œinertâ€•moisturizer. Journal of Allergy and Clinical Immunology, 2016, 137, 1091-1102.e7.	2.9	126
42	Meta-analysis derived atopic dermatitis (MADAD) transcriptome defines a robust AD signature highlighting the involvement of atherosclerosis and lipid metabolism pathways. BMC Medical Genomics, 2015, 8, 60.	1.5	123
43	Diet-induced weight loss reduces colorectal inflammation: implications for colorectal carcinogenesis. American Journal of Clinical Nutrition, 2011, 93, 234-242.	4.7	119
44	Gut microbiota density influences host physiology and is shaped by host and microbial factors. ELife, 2019, 8, .	6.0	118
45	Lesional dendritic cells in patients with chronic atopic dermatitis and psoriasis exhibit parallel ability to activate T-cell subsets. Journal of Allergy and Clinical Immunology, 2011, 128, 574-582.e12.	2.9	112
46	Human Keratinocytes' Response to Injury Upregulates CCL20 and Other Genes Linking Innate and Adaptive Immunity. Journal of Investigative Dermatology, 2012, 132, 105-113.	0.7	112
47	Tofacitinib attenuates pathologic immune pathways in patients with psoriasis: A randomized phase 2 study. Journal of Allergy and Clinical Immunology, 2016, 137, 1079-1090.	2.9	111
48	The tryptophan metabolism enzyme L-kynureninase is a novel inflammatory factor in psoriasis and other inflammatory diseases. Journal of Allergy and Clinical Immunology, 2016, 137, 1830-1840.	2.9	108
49	IL-17A inhibition by secukinumab induces early clinical, histopathologic, and molecular resolution of psoriasis. Journal of Allergy and Clinical Immunology, 2019, 144, 750-763.	2.9	104
50	The Human Cutaneous Squamous Cell Carcinoma Microenvironment Is Characterized by Increased Lymphatic Density and Enhanced Expression of Macrophage-Derived VEGF-C. Journal of Investigative Dermatology, 2011, 131, 229-236.	0.7	100
51	Intestinal Inflammation Modulates the Expression of ACE2 and TMPRSS2 and Potentially Overlaps With the Pathogenesis of SARS-CoV-2â€"related Disease. Gastroenterology, 2021, 160, 287-301.e20.	1.3	98
52	Major differences between human atopic dermatitis and murine models, as determined by using global transcriptomic profiling. Journal of Allergy and Clinical Immunology, 2017, 139, 562-571.	2.9	96
53	Identification of TNF-related apoptosis-inducing ligand and other molecules that distinguish inflammatory from resident dendritic cells in patients with psoriasis. Journal of Allergy and Clinical Immunology, 2010, 125, 1261-1268.e9.	2.9	95
54	Dominant Th1 and Minimal Th17 Skewing in Discoid Lupus Revealed by Transcriptomic Comparison with Psoriasis. Journal of Investigative Dermatology, 2014, 134, 87-95.	0.7	95

#	Article	IF	Citations
55	A Single Intradermal Injection of IFN-γ Induces an Inflammatory State in Both Non-Lesional Psoriatic and Healthy Skin. Journal of Investigative Dermatology, 2012, 132, 1177-1187.	0.7	94
56	Transcriptional Profiling of Psoriasis Using RNA-seq Reveals Previously Unidentified Differentially Expressed Genes. Journal of Investigative Dermatology, 2012, 132, 246-249.	0.7	94
57	Use of Physiological Data From a Wearable Device to Identify SARS-CoV-2 Infection and Symptoms and Predict COVID-19 Diagnosis: Observational Study. Journal of Medical Internet Research, 2021, 23, e26107.	4.3	91
58	Suppression of Molecular Inflammatory Pathways by Toll-Like Receptor 7, 8, and 9 Antagonists in a Model of IL-23-Induced Skin Inflammation. PLoS ONE, 2013, 8, e84634.	2.5	90
59	The Characterization of Varicella Zoster Virus–Specific T Cells in Skin and Blood during Aging. Journal of Investigative Dermatology, 2015, 135, 1752-1762.	0.7	86
60	Identification of a battery of tests for drug candidate evaluation in the SMNΔ7 neonate model of spinal muscular atrophy. Experimental Neurology, 2008, 212, 29-43.	4.1	83
61	Myeloid Dendritic Cells from Human Cutaneous Squamous Cell Carcinoma Are Poor Stimulators of T-Cell Proliferation. Journal of Investigative Dermatology, 2009, 129, 2451-2462.	0.7	79
62	Multicolor microRNA FISH effectively differentiates tumor types. Journal of Clinical Investigation, 2013, 123, 2694-2702.	8.2	76
63	Enhancement of cutaneous immunity during aging by blocking p38 mitogen-activated protein (MAP) kinase–induced inflammation. Journal of Allergy and Clinical Immunology, 2018, 142, 844-856.	2.9	75
64	Association of Inadequately Controlled Disease and Disease Severity With Patient-Reported Disease Burden in Adults With Atopic Dermatitis. JAMA Dermatology, 2018, 154, 903.	4.1	75
65	Integrating the skin and blood transcriptomes and serum proteome in hidradenitis suppurativa reveals complement dysregulation and a plasma cell signature. PLoS ONE, 2018, 13, e0203672.	2.5	71
66	Harshlight: a "corrective make-up" program for microarray chips. BMC Bioinformatics, 2005, 6, 294.	2.6	70
67	Ulcerative colitis is characterized by a plasmablast-skewed humoral response associated with disease activity. Nature Medicine, 2022, 28, 766-779.	30.7	70
68	Combined Use of Laser Capture Microdissection and cDNA Microarray Analysis Identifies Locally Expressed Disease-Related Genes in Focal Regions of Psoriasis Vulgaris Skin Lesions. Journal of Investigative Dermatology, 2012, 132, 1615-1626.	0.7	69
69	A Randomized, Placebo-Controlled Study of SRT2104, a SIRT1 Activator, in Patients with Moderate to Severe Psoriasis. PLoS ONE, 2015, 10, e0142081.	2.5	69
70	Skin-homing and systemic T-cell subsets show higher activation in atopic dermatitis versus psoriasis. Journal of Allergy and Clinical Immunology, 2015, 136, 208-211.	2.9	69
71	Extensive alopecia areata is reversed by IL-12/IL-23p40 cytokine antagonism. Journal of Allergy and Clinical Immunology, 2016, 137, 301-304.	2.9	69
72	In vivo transcriptional profile analysis reveals RNA splicing and chromatin remodeling as prominent processes for adult neurogenesis. Molecular and Cellular Neurosciences, 2006, 31, 131-148.	2.2	68

#	Article	IF	Citations
73	Increased Tc22 and Treg/CD8 Ratio Contribute to Aggressive Growth of Transplant Associated Squamous Cell Carcinoma. PLoS ONE, 2013, 8, e62154.	2.5	68
74	Comprehensive innate immune profiling of chikungunya virus infection in pediatric cases. Molecular Systems Biology, 2018, 14, e7862.	7.2	66
75	Biomarkers of alopecia areata disease activity and response to corticosteroid treatment. Experimental Dermatology, 2016, 25, 282-286.	2.9	62
76	A mild topical steroid leads to progressive anti-inflammatory effects in the skin of patients with moderate-to-severe atopic dermatitis. Journal of Allergy and Clinical Immunology, 2016, 138, 169-178.	2.9	62
77	Post-fasting olfactory, transcriptional, and feeding responses in Drosophila. Physiology and Behavior, 2012, 105, 544-553.	2.1	60
78	Shrinking the Psoriasis Assessment Gap: Early Gene-Expression Profiling Accurately Predicts Response to Long-Term Treatment. Journal of Investigative Dermatology, 2017, 137, 305-312.	0.7	57
79	Predicting development of sustained unresponsiveness to milk oral immunotherapy using epitope-specific antibody binding profiles. Journal of Allergy and Clinical Immunology, 2019, 143, 1038-1046.	2.9	57
80	Patients with atopic dermatitis have attenuated and distinct contact hypersensitivity responses to common allergens in skin. Journal of Allergy and Clinical Immunology, 2015, 135, 712-720.	2.9	55
81	Gene Expression Profiling of the Leading Edge of Cutaneous Squamous Cell Carcinoma: IL-24-Driven MMP-7. Journal of Investigative Dermatology, 2014, 134, 1418-1427.	0.7	53
82	IL-17 Induces Inflammation-Associated Gene Products in Blood Monocytes, and Treatment with Ixekizumab Reduces Their Expression in Psoriasis Patient Blood. Journal of Investigative Dermatology, 2014, 134, 2990-2993.	0.7	53
83	Molecular signatures order the potency of topically applied anti-inflammatory drugs in patients with atopic dermatitis. Journal of Allergy and Clinical Immunology, 2017, 140, 1032-1042.e13.	2.9	52
84	CARD14 Expression in Dermal Endothelial Cells in Psoriasis. PLoS ONE, 2014, 9, e111255.	2.5	52
85	Molecular Phenotyping Small (Asian) versus Large (Western) Plaque Psoriasis Shows Common Activation of IL-17 Pathway Genes but Different Regulatory Gene Sets. Journal of Investigative Dermatology, 2016, 136, 161-172.	0.7	51
86	The Spectrum of Mild to Severe Psoriasis Vulgaris Is Defined by a Common Activation of IL-17 Pathway Genes, butÂwith Key Differences in Immune Regulatory Genes. Journal of Investigative Dermatology, 2016, 136, 2173-2182.	0.7	47
87	TREM-1 as a Potential Therapeutic Target in Psoriasis. Journal of Investigative Dermatology, 2013, 133, 1742-1751.	0.7	46
88	Accurate and reproducible diagnosis of peanut allergy using epitope mapping. Allergy: European Journal of Allergy and Clinical Immunology, 2021, 76, 3789-3797.	5.7	45
89	Comparing independent microarray studies: the case of human embryonic stem cells. BMC Genomics, 2005, 6, 99.	2.8	44
90	Gene Profiling of Narrowband UVBâ€"Induced Skin Injury Defines Cellular and Molecular Innate Immune Responses. Journal of Investigative Dermatology, 2013, 133, 692-701.	0.7	44

#	Article	IF	Citations
91	Alterations in B-cell subsets in pediatric patients with early atopic dermatitis. Journal of Allergy and Clinical Immunology, 2017, 140, 134-144.e9.	2.9	43
92	Comprehensive Immunoprofiling of Pediatric Zika Reveals Key Role for Monocytes in the Acute Phase and No Effect of Prior Dengue Virus Infection. Cell Reports, 2020, 31, 107569.	6.4	43
93	Based on Molecular Profiling of Gene Expression, Palmoplantar Pustulosis and Palmoplantar Pustular Psoriasis Are Highly Related Diseases that Appear to Be Distinct from Psoriasis Vulgaris. PLoS ONE, 2016, 11, e0155215.	2.5	42
94	Reduction of Inflammatory and Cardiovascular Proteins in the Blood of Patients with Psoriasis: Differential Responses between Tofacitinib and Etanercept after 4 Weeks of Treatment. Journal of Investigative Dermatology, 2018, 138, 273-281.	0.7	40
95	Distribution of Self-reported Hidradenitis Suppurativa Age at Onset. JAMA Dermatology, 2019, 155, 971.	4.1	40
96	Short-term transcriptional response to IL-17 receptor-A antagonism in the treatment of psoriasis. Journal of Allergy and Clinical Immunology, 2020, 145, 922-932.	2.9	40
97	Molecular and Cellular Responses to the TYK2/JAK1 Inhibitor PF-06700841 Reveal Reduction of Skin Inflammation in Plaque Psoriasis. Journal of Investigative Dermatology, 2020, 140, 1546-1555.e4.	0.7	40
98	Immunosuppression Affects CD4+ mRNA Expression and Induces Th2 Dominance in the Microenvironment of Cutaneous Squamous Cell Carcinoma in Organ Transplant Recipients. Journal of Immunotherapy, 2010, 33, 538-546.	2.4	39
99	Attenuated neutrophil axis in atopic dermatitis compared to psoriasis reflects TH17 pathway differences between these diseases. Journal of Allergy and Clinical Immunology, 2013, 132, 498-501.e3.	2.9	39
100	Palmoplantar pustular psoriasis (PPPP) is characterized by activation of the IL-17A pathway. Journal of Dermatological Science, 2017, 85, 20-26.	1.9	39
101	<i>CCL20</i> and <i>IL22</i> Messenger RNA Expression After Adalimumab vs Methotrexate Treatment of Psoriasis. JAMA Dermatology, 2015, 151, 837.	4.1	38
102	Microbial Engraftment and Efficacy of Fecal Microbiota Transplant for Clostridium Difficile in Patients With and Without Inflammatory Bowel Disease. Inflammatory Bowel Diseases, 2019, 25, 969-979.	1.9	38
103	Novel Bead-Based Epitope Assay is a sensitive and reliable tool for profiling epitope-specific antibody repertoire in food allergy. Scientific Reports, 2019, 9, 18425.	3.3	36
104	Homeostatic Tissue Responses in Skin Biopsies from NOMID Patients with Constitutive Overproduction of IL-1β. PLoS ONE, 2012, 7, e49408.	2.5	36
105	Langerhans Cells from Human Cutaneous Squamous Cell Carcinoma Induce Strong Type 1 Immunity. Journal of Investigative Dermatology, 2012, 132, 1645-1655.	0.7	35
106	CD200 Upregulation in Vascular Endothelium Surrounding Cutaneous Squamous Cell Carcinoma. JAMA Dermatology, 2013, 149, 178.	4.1	35
107	Aberrant connective tissue differentiation towards cartilage and bone underlies human keloids in African Americans. Experimental Dermatology, 2017, 26, 721-727.	2.9	35
108	A new Luminexâ€‘based peptide assay to identify reactivity to baked, fermented, and whole milk. Allergy: European Journal of Allergy and Clinical Immunology, 2019, 74, 327-336.	5.7	34

#	Article	IF	Citations
109	Modulation of inflammatory gene transcripts in psoriasis vulgaris: Differences between ustekinumab and etanercept. Journal of Allergy and Clinical Immunology, 2019, 143, 1965-1969.	2.9	34
110	Molecular and Cellular Profiling of Scalp Psoriasis Reveals Differences and Similarities Compared to Skin Psoriasis. PLoS ONE, 2016, 11, e0148450.	2.5	33
111	Discrimination of Dysplastic Nevi from Common Melanocytic Nevi by Cellular andÂMolecular Criteria. Journal of Investigative Dermatology, 2016, 136, 2030-2040.	0.7	33
112	Molecular Characterization of Human Skin Response to Diphencyprone at Peak and Resolution Phases: Therapeutic Insights. Journal of Investigative Dermatology, 2014, 134, 2531-2540.	0.7	32
113	Immune factors in breast milk related to infant milk allergy are independent of maternal atopy. Journal of Allergy and Clinical Immunology, 2015, 135, 1390-1393.e6.	2.9	32
114	Early epitope-specific IgE antibodies are predictive of childhood peanut allergy. Journal of Allergy and Clinical Immunology, 2020, 146, 1080-1088.	2.9	32
115	Cellular Genomic Maps Help Dissect Pathology in Human Skin Disease. Journal of Investigative Dermatology, 2008, 128, 606-615.	0.7	31
116	Atopic dermatitis keratinocytes exhibit normal TH17 cytokine responses. Journal of Allergy and Clinical Immunology, 2010, 125, 744-746.e2.	2.9	31
117	Post-Therapeutic Relapse of Psoriasis after CD11a Blockade Is Associated with T Cells and Inflammatory Myeloid DCs. PLoS ONE, 2012, 7, e30308.	2.5	29
118	Residual genomic signature of atopic dermatitis despite clinical resolution with narrow-band UVB. Journal of Allergy and Clinical Immunology, 2013, 131, 577-579.	2.9	27
119	Evolution of epitope-specific IgE and IgG4 antibodies in children enrolled in the LEAP trial. Journal of Allergy and Clinical Immunology, 2021, 148, 835-842.	2.9	27
120	Integrative Analysis of the Inflammatory Bowel Disease Serum Metabolome Improves Our Understanding of Genetic Etiology and Points to Novel Putative Therapeutic Targets. Gastroenterology, 2022, 162, 828-843.e11.	1.3	26
121	Digital imaging biomarkers feed machine learning for melanoma screening. Experimental Dermatology, 2017, 26, 615-618.	2.9	25
122	Early Quantification of Systemic Inflammatory Proteins Predicts Long-Term Treatment Response to Tofacitinib and Etanercept. Journal of Investigative Dermatology, 2020, 140, 1026-1034.	0.7	25
123	An activation to memory differentiation trajectory of tumor-infiltrating lymphocytes informs metastatic melanoma outcomes. Cancer Cell, 2022, 40, 524-544.e5.	16.8	23
124	Histological Stratification of Thick and Thin Plaque Psoriasis Explores Molecular Phenotypes with Clinical Implications. PLoS ONE, 2015, 10, e0132454.	2.5	21
125	Aurora Kinase A Is Upregulated in Cutaneous T-Cell Lymphoma and Represents a Potential Therapeutic Target. Journal of Investigative Dermatology, 2015, 135, 2292-2300.	0.7	21
126	Prostate Cancer in World Trade Center Responders Demonstrates Evidence of an Inflammatory Cascade. Molecular Cancer Research, 2019, 17, 1605-1612.	3.4	21

#	Article	IF	Citations
127	A Longitudinal Study of Sexual Function in Women With Newly Diagnosed Inflammatory Bowel Disease. Inflammatory Bowel Diseases, 2019, 25, 1262-1270.	1.9	21
128	Ovomucoid epitope–specific repertoire of IgE, IgG$_4$, IgG$_1$, IgA$_1$, and IgD antibodies in egg–allergic children. Allergy: European Journal of Allergy and Clinical Immunology, 2020, 75, 2633-2643.	5.7	21
129	Mapping Sequential IgE-Binding Epitopes on Major and Minor Egg Allergens. International Archives of Allergy and Immunology, 2022, 183, 249-261.	2.1	21
130	Residual genomic profile after cyclosporine treatment may offer insights into atopic dermatitis reoccurrence. Journal of Allergy and Clinical Immunology, 2014, 134, 955-957.	2.9	20
131	Identification of anaplastic lymphoma kinase as a potential therapeutic target in Basal Cell Carcinoma. Oncotarget, 2013, 4, 2237-2248.	1.8	20
132	"Harshlighting" small blemishes on microarrays. BMC Bioinformatics, 2005, 6, 65.	2.6	18
133	IL32 Is Progressively Expressed in Mycosis Fungoides Independent of Helper T-cell 2 and Helper T-cell 9 Polarization. Cancer Immunology Research, 2014, 2, 890-900.	3.4	18
134	Loss of endogenous Nfatc1 reduces the rate of DMBA/TPA-induced skin tumorigenesis. Molecular Biology of the Cell, 2015, 26, 3606-3614.	2.1	17
135	Effect of Concomitant Therapy With Steroids and Tumor Necrosis Factor Antagonists for Induction of Remission in Patients With Crohn's Disease: A Systematic Review and Pooled Meta-analysis. Clinical Gastroenterology and Hepatology, 2021, 19, 238-245.e4.	4.4	17
136	Deep Analysis of the Peripheral Immune System in IBD Reveals New Insight in Disease Subtyping and Response to Monotherapy or Combination Therapy. Cellular and Molecular Gastroenterology and Hepatology, 2021, 12, 599-632.	4.5	17
137	Creation of Differentiation-Specific Genomic Maps of Human Epidermis through Laser Capture Microdissection. Journal of Investigative Dermatology, 2013, 133, 2640-2642.	0.7	16
138	Magnesium supplementation in the treatment of pseudoxanthoma elasticum: A randomized trial. Journal of the American Academy of Dermatology, 2019, 81, 263-265.	1.2	15
139	Factors Associated With Longitudinal Psychological and Physiological Stress in Health Care Workers During the COVID-19 Pandemic: Observational Study Using Apple Watch Data. Journal of Medical Internet Research, 2021, 23, e31295.	4.3	15
140	Psoriasis is characterized by deficient negative immune regulation compared to transient delayed-type hypersensitivity reactions. F1000Research, 2015, 4, 149.	1.6	15
141	HLA alleles and sustained peanut consumption promote IgG4 responses in subjects protected from peanut allergy. Journal of Clinical Investigation, 2022, 132, .	8.2	15
142	Harnessing Naturally Occurring Tumor Immunity: A Clinical Vaccine Trial in Prostate Cancer. PLoS ONE, 2010, 5, e12367.	2.5	14
143	Molecular Characterization of Limited Ulcerative Colitis Reveals Novel Biology and Predictors of Disease Extension. Gastroenterology, 2021, 161, 1953-1968.e15.	1.3	14
144	Multi-TGDR: A Regularization Method for Multi-Class Classification in Microarray Experiments. PLoS ONE, 2013, 8, e78302.	2.5	13

#	Article	IF	Citations
145	PlateDesigner: a web-based application for the design of microplate experiments. Bioinformatics, 2019, 35, 1605-1607.	4.1	13
146	Neonatal outcomes during the COVID-19 pandemic in New York City. Pediatric Research, 2022, 91, 477-479.	2.3	13
147	A Method to Summarize Toxicity in Cancer Randomized Clinical Trials. Clinical Cancer Research, 2018, 24, 4968-4975.	7.0	12
148	Comparing Microarray Studies. Methods in Molecular Biology, 2007, 377, 139-152.	0.9	12
149	Patch testing of food allergens promotes Th17 and Th2 responses with increased <scp>IL</scp>â€33: a pilot study. Experimental Dermatology, 2017, 26, 272-275.	2.9	11
150	Impact of Zostavax Vaccination on T-Cell Accumulation and Cutaneous Gene Expression in the Skin of Older Humans After Varicella Zoster Virus Antigenâ€"Specific Challenge. Journal of Infectious Diseases, 2018, 218, S88-S98.	4.0	10
151	Evaluation of a machine learning approach utilizing wearable data for prediction of SARS-CoV-2 infection in healthcare workers. JAMIA Open, 2022, 5, .	2.0	9
152	Molecular Profiling of Immune Activation Associated with Regression of Melanoma Metastases Induced by Diphencyprone. Journal of Investigative Dermatology, 2016, 136, 2101-2103.	0.7	8
153	The erythema Qâ€score, an imaging biomarker for redness in skin inflammation. Experimental Dermatology, 2021, 30, 377-383.	2.9	8
154	Hierarchical-TGDR. Systems Biomedicine (Austin, Tex), 2013, 1, 278-287.	0.7	7
155	A novel approach to the basophil activation test for characterizing peanut allergic patients in the clinical setting. Allergy: European Journal of Allergy and Clinical Immunology, 2021, 76, 2257-2259.	5.7	7
156	cosinoRmixedeffects: an R package for mixed-effects cosinor models. BMC Bioinformatics, 2021, 22, 553.	2.6	7
157	Fundus image diagnostic agreement in uveitis utilizing free and open source software. Canadian Journal of Ophthalmology, 2013, 48, 227-234.	0.7	6
158	Stratification of risk of progression to colectomy in ulcerative colitis via measured and predicted gene expression. American Journal of Human Genetics, 2021, 108, 1765-1779.	6.2	6
159	The innate immune response following multivalent dengue vaccination and implications for protection against dengue challenge. JCI Insight, 2022, 7, .	5.0	5
160	Bioinformatics Tools Enabling U-Statistics for Microarrays. , 2006, 2006, 3464-9.		3
161	Methotrexate improves pro- and anti-atherogenic genomic expression in psoriatic skin. Journal of Dermatological Science, 2016, 82, 207-209.	1.9	3
162	Dominant Th1 and Minimal Th17 Skewing in Discoid Lupus Revealed by Transcriptomic Comparison with Psoriasis. Journal of Investigative Dermatology, 2014, 134, 1780.	0.7	2

#	Article	IF	Citations
163	A Bioequivalence Test by the Direct Comparison of Concentration-versus-Time Curves Using Local Polynomial Smoothers. Computational and Mathematical Methods in Medicine, 2016, 2016, 1-6.	1.3	1
164	bbeaR: an R package and framework for epitope-specific antibody profiling. Bioinformatics, 2021, 37, 131-133.	4.1	1
165	GEE-TGDR: A Longitudinal Feature Selection Algorithm and Its Application to lncRNA Expression Profiles for Psoriasis Patients Treated with Immune Therapies. BioMed Research International, 2021, 2021, 1-9.	1.9	1
166	Detecting artifacts on SNP chips. , 2006, 2006, 4100-2.		0
167	Dietary restriction in the long-chain acyl-CoA dehydrogenase knockout mouse. Molecular Genetics and Metabolism Reports, 2021, 27, 100749.	1.1	0
168	Visualzing toxicity: A single score to summarize toxicity in randomized clinical trials.. Journal of Clinical Oncology, 2016, 34, 6605-6605.	1.6	0
169	Bioinformatics Tools Enabling U-Statistics for Microarrays. Annual International Conference of the IEEE Engineering in Medicine and Biology Society, 2006, , .	0.5	0