

# Zhe Jian

## List of Publications by Year in descending order

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45  
papers

1,778  
citations

279798

23  
h-index

289244

40  
g-index

45  
all docs

45  
docs citations

45  
times ranked

2240  
citing authors

#	ARTICLE	IF	CITATIONS
1	Heme Oxygenase-1 Protects Human Melanocytes from H <sub>2</sub> O <sub>2</sub> -Induced Oxidative Stress via the Nrf2-ARE Pathway. <i>Journal of Investigative Dermatology</i> , 2011, 131, 1420-1427.	0.7	147
2	Impaired Activation of the Nrf2-ARE Signaling Pathway Undermines H <sub>2</sub> O <sub>2</sub> -Induced Oxidative Stress Response: A Possible Mechanism for Melanocyte Degeneration in Vitiligo. <i>Journal of Investigative Dermatology</i> , 2014, 134, 2221-2230.	0.7	145
3	Oxidative stress drives CD8 + T-cell skin trafficking in patients with vitiligo through CXCL16 upregulation by activating the unfolded protein response in keratinocytes. <i>Journal of Allergy and Clinical Immunology</i> , 2017, 140, 177-189.e9.	2.9	136
4	MSC-derived exosomes protect against oxidative stress-induced skin injury via adaptive regulation of the NRF2 defense system. <i>Biomaterials</i> , 2020, 257, 120264.	11.4	114
5	Baicalein protects Human melanocytes from H <sub>2</sub> O <sub>2</sub> -induced apoptosis via inhibiting mitochondria-dependent caspase activation and the p38 MAPK pathway. <i>Free Radical Biology and Medicine</i> , 2012, 53, 183-193.	2.9	94
6	SIRT3-Dependent Mitochondrial Dynamics Remodeling Contributes to Oxidative Stress-Induced Melanocyte Degeneration in Vitiligo. <i>Theranostics</i> , 2019, 9, 1614-1633.	10.0	92
7	Down-regulated miR-23a Contributes to the Metastasis of Cutaneous Melanoma by Promoting Autophagy. <i>Theranostics</i> , 2017, 7, 2231-2249.	10.0	81
8	Baicalein protects human vitiligo melanocytes from oxidative stress through activation of NF-E2-related factor2 (Nrf2) signaling pathway. <i>Free Radical Biology and Medicine</i> , 2018, 129, 492-503.	2.9	69
9	Oxidative Stress-Induced HMGB1 Release from Melanocytes: A Paracrine Mechanism Underlying the Cutaneous Inflammation in Vitiligo. <i>Journal of Investigative Dermatology</i> , 2019, 139, 2174-2184.e4.	0.7	64
10	Simvastatin Protects Human Melanocytes from H <sub>2</sub> O <sub>2</sub> -Induced Oxidative Stress by Activating Nrf2. <i>Journal of Investigative Dermatology</i> , 2017, 137, 1286-1296.	0.7	62
11	Activated NLR family pyrin domain containing 3 (NLRP3) inflammasome in keratinocytes promotes cutaneous T-cell response in patients with vitiligo. <i>Journal of Allergy and Clinical Immunology</i> , 2020, 145, 632-645.	2.9	53
12	Oxidative stress-induced IL-15 trans-presentation in keratinocytes contributes to CD8+ T cells activation via JAK-STAT pathway in vitiligo. <i>Free Radical Biology and Medicine</i> , 2019, 139, 80-91.	2.9	52
13	Aspirin induces Nrf2-mediated transcriptional activation of haem oxygenase-1 in protection of human melanocytes from H <sub>2</sub> O <sub>2</sub> -induced oxidative stress. <i>Journal of Cellular and Molecular Medicine</i> , 2016, 20, 1307-1318.	3.6	50
14	Foxp3 expression in melanoma cells as a possible mechanism of resistance to immune destruction. <i>Cancer Immunology, Immunotherapy</i> , 2011, 60, 1109-1118.	4.2	42
15	Berberine protects immortalized line of human melanocytes from H <sub>2</sub> O <sub>2</sub> -induced oxidative stress via activation of Nrf2 and Mitf signaling pathway. <i>Journal of Dermatological Science</i> , 2019, 94, 236-243.	1.9	37
16	A similar local immune and oxidative stress phenotype in vitiligo and halo nevus. <i>Journal of Dermatological Science</i> , 2017, 87, 50-59.	1.9	36
17	Ginkgo biloba extract protects human melanocytes from H <sub>2</sub> O <sub>2</sub> -induced oxidative stress by activating Nrf2. <i>Journal of Cellular and Molecular Medicine</i> , 2019, 23, 5193-5199.	3.6	35
18	Downregulated TRPV1 Expression Contributes to Melanoma Growth via the Calcineurin-ATF3-p53 Pathway. <i>Journal of Investigative Dermatology</i> , 2018, 138, 2205-2215.	0.7	34

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19	NMN recruits GSH to enhance GPX4-mediated ferroptosis defense in UV irradiation induced skin injury. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2022, 1868, 166287.	3.8	32
20	Cancer Stem Cells in Squamous Cell Carcinoma. <i>Journal of Investigative Dermatology</i> , 2017, 137, 31-37.	0.7	30
21	Genetic polymorphism of the <i>Nrf2</i> promoter region is associated with vitiligo risk in Han Chinese populations. <i>Journal of Cellular and Molecular Medicine</i> , 2016, 20, 1840-1850.	3.6	28
22	Up-regulated deubiquitinase <i>USP4</i> plays an oncogenic role in melanoma. <i>Journal of Cellular and Molecular Medicine</i> , 2018, 22, 2944-2954.	3.6	28
23	<i>HO1</i> regulates the function of Treg: Association with the immune intolerance in vitiligo. <i>Journal of Cellular and Molecular Medicine</i> , 2018, 22, 4335-4343.	3.6	27
24	Role of the aryl hydrocarbon receptor signaling pathway in promoting mitochondrial biogenesis against oxidative damage in human melanocytes. <i>Journal of Dermatological Science</i> , 2019, 96, 33-41.	1.9	27
25	SOX4 Promotes Proliferative Signals by Regulating Glycolysis through AKT Activation in Melanoma Cells. <i>Journal of Investigative Dermatology</i> , 2017, 137, 2407-2416.	0.7	26
26	<i>Balamuthia mandrillaris</i> infection in China: a retrospective report of 28 cases. <i>Emerging Microbes and Infections</i> , 2020, 9, 2348-2357.	6.5	25
27	A single nucleotide polymorphism of <i>miR196a2</i> and vitiligo: an association study and functional analysis in a <i>Han Chinese</i> population. <i>Pigment Cell and Melanoma Research</i> , 2013, 26, 338-347.	3.3	22
28	Tranilast Directly Targets NLRP3 to Protect Melanocytes From Keratinocyte-Derived IL-1 $\beta$ Under Oxidative Stress. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 588.	3.7	22
29	Gut Microbial Dysbiosis and Plasma Metabolic Profile in Individuals With Vitiligo. <i>Frontiers in Microbiology</i> , 2020, 11, 592248.	3.5	22
30	AHR promoter variant modulates its transcription and downstream effectors by allele-specific AHR-SP1 interaction functioning as a genetic marker for vitiligo. <i>Scientific Reports</i> , 2015, 5, 13542.	3.3	21
31	Genetic variants of the APE1 gene and the risk of vitiligo in a Chinese population: A genotype-phenotype correlation study. <i>Free Radical Biology and Medicine</i> , 2013, 58, 64-72.	2.9	15
32	Analysis of Inducible Nitric Oxide Synthase Gene Polymorphisms in Vitiligo in Han Chinese People. <i>PLoS ONE</i> , 2011, 6, e27077.	2.5	14
33	Intracellular virus sensor MDA5 exacerbates vitiligo by inducing the secretion of chemokines in keratinocytes under virus invasion. <i>Cell Death and Disease</i> , 2020, 11, 453.	6.3	14
34	Smad7 Ameliorates TGF- $\beta$ -Mediated Skin Inflammation and Associated Wound Healing Defects but Not Susceptibility to Experimental Skin Carcinogenesis. <i>Journal of Investigative Dermatology</i> , 2019, 139, 940-950.	0.7	13
35	Homocysteine induces melanocytes apoptosis via PERK-eIF2 $\alpha$ -CHOP pathway in vitiligo. <i>Clinical Science</i> , 2020, 134, 1127-1141.	4.3	13
36	HSF1-Dependent Autophagy Activation Contributes to the Survival of Melanocytes Under Oxidative Stress in Vitiligo. <i>Journal of Investigative Dermatology</i> , 2022, 142, 1659-1669.e4.	0.7	12

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37	The Formation of Melanocyte Apoptotic Bodies in Vitiligo and the Relocation of Vitiligo Autoantigens under Oxidative Stress. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-13.	4.0	9
38	Topical Application of Tat-Rac1 Promotes Cutaneous Wound Healing in Normal and Diabetic Mice. <i>International Journal of Biological Sciences</i> , 2018, 14, 1163-1174.	6.4	7
39	Multiple pro-tumorigenic functions of the human minor Histocompatibility Antigen-1 (HA-1) in melanoma progression. <i>Journal of Dermatological Science</i> , 2017, 88, 216-224.	1.9	6
40	Identification of the Risk HLA-A Alleles and Autoantigen in Han Chinese Vitiligo Patients and the Association of CD8+T Cell Reactivity with Disease Characteristics. <i>Medical Science Monitor</i> , 2018, 24, 6489-6497.	1.1	6
41	Fractional microneedle radiofrequency device and fractional erbium-doped glass 1,565-nm device treatment of human facial photoaging: a prospective, split-face, random clinical trial. <i>Journal of Cosmetic and Laser Therapy</i> , 2021, 23, 142-148.	0.9	6
42	Transcellular traversal of the blood-brain barrier by the pathogenic <i>Propionibacterium acnes</i> . <i>Journal of Cellular Biochemistry</i> , 2019, 120, 8457-8465.	2.6	5
43	Treatment of Cutaneous <i>Balamuthia mandrillaris</i> Infection With Diminazene Aceturate: A Report of 4 Cases. <i>Clinical Infectious Diseases</i> , 2022, 75, 1637-1640.	5.8	3
44	A randomized, split-face controlled trial on the safety and effects of microneedle fractional radiofrequency and fractional erbium-doped glass 1,565-nm laser therapies for baggy lower eyelids. <i>Journal of Cosmetic and Laser Therapy</i> , 2021, 23, 105-112.	0.9	2
45	Abstract 477: Down-regulated miR-23a contributes to invasion and metastasis of cutaneous melanoma by promoting autophagy. , 2017, , .		0