

Yanming Wang

List of Publications by Year in descending order

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Version: 2024-02-01

70
papers

17,887
citations

71097

41
h-index

114455

63
g-index

70
all docs

70
docs citations

70
times ranked

26389
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	9.1	4,701
2	Histone hypercitrullination mediates chromatin decondensation and neutrophil extracellular trap formation. <i>Journal of Cell Biology</i> , 2009, 184, 205-213.	5.2	1,230
3	PAD4 is essential for antibacterial innate immunity mediated by neutrophil extracellular traps. <i>Journal of Experimental Medicine</i> , 2010, 207, 1853-1862.	8.5	1,175
4	Histone and chromatin cross-talk. <i>Current Opinion in Cell Biology</i> , 2003, 15, 172-183.	5.4	1,079
5	Human PAD4 Regulates Histone Arginine Methylation Levels via Demethylination. <i>Science</i> , 2004, 306, 279-283.	12.6	907
6	Molecular basis for the discrimination of repressive methyl-lysine marks in histone H3 by Polycomb and HP1 chromodomains. <i>Genes and Development</i> , 2003, 17, 1870-1881.	5.9	861
7	Diabetes primes neutrophils to undergo NETosis, which impairs wound healing. <i>Nature Medicine</i> , 2015, 21, 815-819.	30.7	824
8	Binary switches and modification cassettes in histone biology and beyond. <i>Nature</i> , 2003, 425, 475-479.	27.8	604
9	PR-Set7 Is a Nucleosome-Specific Methyltransferase that Modifies Lysine 20 of Histone H4 and Is Associated with Silent Chromatin. <i>Molecular Cell</i> , 2002, 9, 1201-1213.	9.7	525
10	Neutrophil Extracellular Traps Promote the Development and Progression of Liver Metastases after Surgical Stress. <i>Cancer Research</i> , 2016, 76, 1367-1380.	0.9	491
11	Neutrophil histone modification by peptidylarginine deiminase 4 is critical for deep vein thrombosis in mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 8674-8679.	7.1	453
12	PAD4 mediated histone hypercitrullination induces heterochromatin decondensation and chromatin unfolding to form neutrophil extracellular trap-like structures. <i>Frontiers in Immunology</i> , 2012, 3, 307.	4.8	377
13	Damage-associated molecular pattern-activated neutrophil extracellular trap exacerbates sterile inflammatory liver injury. <i>Hepatology</i> , 2015, 62, 600-614.	7.3	370
14	Statins Enhance Formation of Phagocyte Extracellular Traps. <i>Cell Host and Microbe</i> , 2010, 8, 445-454.	11.0	368
15	Small Molecules Efficiently Reprogram Human Astroglial Cells into Functional Neurons. <i>Cell Stem Cell</i> , 2015, 17, 735-747.	11.1	250
16	Peptidylarginine deiminases in citrullination, gene regulation, health and pathogenesis. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2013, 1829, 1126-1135.	1.9	248
17	VWF-mediated leukocyte recruitment with chromatin decondensation by PAD4 increases myocardial ischemia/reperfusion injury in mice. <i>Blood</i> , 2014, 123, 141-148.	1.4	228
18	Dynamic alterations of specific histone modifications during early murine development. <i>Journal of Cell Science</i> , 2004, 117, 4449-4459.	2.0	205

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19	Regulation of p53 Target Gene Expression by Peptidylarginine Deiminase 4. <i>Molecular and Cellular Biology</i> , 2008, 28, 4745-4758.	2.3	200
20	The JIL-1 Tandem Kinase Mediates Histone H3 Phosphorylation and Is Required for Maintenance of Chromatin Structure in <i>Drosophila</i> . <i>Cell</i> , 2001, 105, 433-443.	28.9	199
21	PAD4-deficiency does not affect bacteremia in polymicrobial sepsis and ameliorates endotoxemic shock. <i>Blood</i> , 2015, 125, 1948-1956.	1.4	192
22	Priming of neutrophils toward NETosis promotes tumor growth. <i>Oncolmmunology</i> , 2016, 5, e1134073.	4.6	188
23	JIL-1. <i>Molecular Cell</i> , 1999, 4, 129-135.	9.7	163
24	Jil-1, a Chromosomal Kinase Implicated in Regulation of Chromatin Structure, Associates with the Male Specific Lethal (Msl) Dosage Compensation Complex. <i>Journal of Cell Biology</i> , 2000, 149, 1005-1010.	5.2	142
25	Structural and Histone Binding Ability Characterizations of Human PWWP Domains. <i>PLoS ONE</i> , 2011, 6, e18919.	2.5	137
26	Histone Arg Modifications and p53 Regulate the Expression of OKL38, a Mediator of Apoptosis. <i>Journal of Biological Chemistry</i> , 2008, 283, 20060-20068.	3.4	135
27	Anticancer Peptidylarginine Deiminase (PAD) Inhibitors Regulate the Autophagy Flux and the Mammalian Target of Rapamycin Complex 1 Activity. <i>Journal of Biological Chemistry</i> , 2012, 287, 25941-25953.	3.4	133
28	Neutrophil peptidyl arginine deiminase-4 has a pivotal role in ischemia/reperfusion-induced acute kidney injury. <i>Kidney International</i> , 2018, 93, 365-374.	5.2	116
29	Beyond the Double Helix: Writing and Reading the Histone Code. <i>Novartis Foundation Symposium</i> , 2008, , 3-21.	1.1	115
30	The enhancement of histone H4 and H2A serine 1 phosphorylation during mitosis and S-phase is evolutionarily conserved. <i>Chromosoma</i> , 2004, 112, 360-371.	2.2	98
31	Skeletor, a Novel Chromosomal Protein That Redistributes during Mitosis Provides Evidence for the Formation of a Spindle Matrix. <i>Journal of Cell Biology</i> , 2000, 151, 1401-1412.	5.2	94
32	Regulation of Histone H2A and H2B Deubiquitination and <i>Xenopus</i> Development by USP12 and USP46. <i>Journal of Biological Chemistry</i> , 2011, 286, 7190-7201.	3.4	94
33	Inhibition of peptidylarginine deiminase alleviates LPS-induced pulmonary dysfunction and improves survival in a mouse model of lethal endotoxemia. <i>European Journal of Pharmacology</i> , 2018, 833, 432-440.	3.5	78
34	Citrullinated histone H3: A novel target for the treatment of sepsis. <i>Surgery</i> , 2014, 156, 229-234.	1.9	76
35	Neutral loss of isocyanic acid in peptide CID spectra: A novel diagnostic marker for mass spectrometric identification of protein citrullination. <i>Journal of the American Society for Mass Spectrometry</i> , 2009, 20, 723-727.	2.8	67
36	Beyond the double helix: writing and reading the histone code. <i>Novartis Foundation Symposium</i> , 2004, 259, 3-17; discussion 17-21, 163-9.	1.1	67

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37	CitH3: a reliable blood biomarker for diagnosis and treatment of endotoxic shock. <i>Scientific Reports</i> , 2017, 7, 8972.	3.3	60
38	A Comprehensive and High-Resolution Genome-wide Response of p53 to Stress. <i>Cell Reports</i> , 2014, 8, 514-527.	6.4	56
39	ATF4 Gene Network Mediates Cellular Response to the Anticancer PAD Inhibitor YW3-56 in Triple-Negative Breast Cancer Cells. <i>Molecular Cancer Therapeutics</i> , 2015, 14, 877-888.	4.1	55
40	Bacterial Siderophores Hijack Neutrophil Functions. <i>Journal of Immunology</i> , 2017, 198, 4293-4303.	0.8	52
41	Peptidylarginine Deiminase 4 Contributes to Tumor Necrosis Factor α -Induced Inflammatory Arthritis. <i>Arthritis and Rheumatology</i> , 2014, 66, 1482-1491.	5.6	49
42	PAD4-dependent NETs generation are indispensable for intestinal clearance of <i>Citrobacter rodentium</i> . <i>Mucosal Immunology</i> , 2019, 12, 761-771.	6.0	44
43	Iron-chelating agent desferrioxamine stimulates formation of neutrophil extracellular traps (NETs) in human blood-derived neutrophils. <i>Bioscience Reports</i> , 2016, 36, .	2.4	42
44	Cutting Edge: Intrinsic Programming of Thymic β T Cells for Specific Peripheral Tissue Localization. <i>Journal of Immunology</i> , 2010, 185, 7156-7160.	0.8	40
45	Endogenous PAD4 in Breast Cancer Cells Mediates Cancer Extracellular Chromatin Network Formation and Promotes Lung Metastasis. <i>Molecular Cancer Research</i> , 2020, 18, 735-747.	3.4	39
46	Interaction of OKL38 and p53 in Regulating Mitochondrial Structure and Function. <i>PLoS ONE</i> , 2012, 7, e43362.	2.5	37
47	A Developmentally Regulated Splice Variant from the Complexlola Locus Encoding Multiple Different Zinc Finger Domain Proteins Interacts with the Chromosomal Kinase JIL-1. <i>Journal of Biological Chemistry</i> , 2003, 278, 11696-11704.	3.4	30
48	Enrofloxacin Enhances the Formation of Neutrophil Extracellular Traps in Bovine Granulocytes. <i>Journal of Innate Immunity</i> , 2014, 6, 706-712.	3.8	30
49	Increased Drp1 promotes autophagy and ESCC progression by mtDNA stress mediated cGAS-STING pathway. <i>Journal of Experimental and Clinical Cancer Research</i> , 2022, 41, 76.	8.6	22
50	The JIL-1 kinase interacts with lamin Dm0 and regulates nuclear lamina morphology of <i>Drosophila</i> nurse cells. <i>Journal of Cell Science</i> , 2005, 118, 5079-5087.	2.0	20
51	<p>>TAT-Modified Gold Nanoparticles Enhance the Antitumor Activity of PAD4 Inhibitors</p></p>International Journal of Nanomedicine, 2020, Volume 15, 6659-6671.	6.7	20
52	Peptidylarginine Deiminase and Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2022, 85, 473-484.	2.6	15
53	Inhibition of peptidylarginine deiminase attenuates inflammation and improves survival in a rat model of hemorrhagic shock. <i>Journal of Surgical Research</i> , 2016, 200, 610-618.	1.6	11
54	Murine Retinal Citrullination Declines With Age and is Mainly Dependent on Peptidyl Arginine Deiminase 4 (PAD4). , 2018, 59, 3808.		11

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55	RGD Peptide and PAD4 Inhibitor-Loaded Gold Nanorods for Chemo-Photothermal Combined Therapy to Inhibit Tumor Growth, Prevent Lung Metastasis and Improve Biosafety. <i>International Journal of Nanomedicine</i> , 2021, Volume 16, 5565-5580.	6.7	11
56	Self-assembling, pH-responsive nanoflowers for inhibiting PAD4 and neutrophil extracellular trap formation and improving the tumor immune microenvironment. <i>Acta Pharmaceutica Sinica B</i> , 2022, 12, 2592-2608.	12.0	11
57	Methods for Analyzing Histone Citrullination in Chromatin Structure and Gene Regulation. <i>Methods in Molecular Biology</i> , 2012, 809, 473-488.	0.9	10
58	Suppression of oxidative phosphorylation and IDH2 sensitizes colorectal cancer to a naphthalimide derivative and mitoxantrone. <i>Cancer Letters</i> , 2021, 519, 30-45.	7.2	9
59	14,15-EET Reduced Brain Injury from Cerebral Ischemia and Reperfusion via Suppressing Neuronal Parthanatos. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9660.	4.1	8
60	Folded Conformation, Cyclic Pentamer, Nanostructure, and PAD4 Binding Mode of YW3-56. <i>Journal of Physical Chemistry C</i> , 2013, 117, 10070-10078.	3.1	4
61	Synthesis of reversible PAD4 inhibitors via copper-catalyzed C ^α -H arylation of benzimidazole. <i>Science China Chemistry</i> , 2019, 62, 592-596.	8.2	4
62	Histone hypercitrullination mediates chromatin decondensation and neutrophil extracellular trap formation. <i>Journal of Experimental Medicine</i> , 2009, 206, i1-i1.	8.5	4
63	p53 and the PWWP Domain Containing Effector Proteins in Chromatin Damage Repair. <i>Cell & Developmental Biology</i> , 2012, 02, 112.	0.3	2
64	5 Methylation and demethylation of histone arg and lys residues in chromatin structure and function. <i>The Enzymes</i> , 2006, 24, 123-153.	1.7	1
65	CARS holography. , 2013, , .		0
66	PAD2 Activity Monitored via a Fluorescent Substrate Analog. <i>Chemical Biology and Drug Design</i> , 2015, 86, 599-605.	3.2	0
67	Techniques Analyzing Chromatin Modifications at Specific Single Loci. , 2015, , 79-100.		0
68	Abstract 54: Peptidylarginine Deiminase 4-dependent Generation of Neutrophil Extracellular Traps is Crucial for Deep Vein Thrombosis in Mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013, 33, .	2.4	0
69	Iron chelating agents lead to the formation of neutrophil extracellular traps and subsequent entrapment of <i>Staphylococcus aureus</i> (1056.8). <i>FASEB Journal</i> , 2014, 28, 1056.8.	0.5	0
70	Abstract 129: PAK01: A Synthesized Small Molecule That Enhances Reperfusion, Neuroprotection and Avoids Hemorrhagic Transformation in Rodent Models of Thromboembolic Stroke. <i>Stroke</i> , 2014, 45, .	2.0	0