

Xiaotian Chang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6051530/publications.pdf>

Version: 2024-02-01

56
papers

2,952
citations

236925

25
h-index

168389

53
g-index

60
all docs

60
docs citations

60
times ranked

3259
citing authors

#	ARTICLE	IF	CITATIONS
1	Functional haplotypes of PADI4, encoding citrullinating enzyme peptidylarginine deiminase 4, are associated with rheumatoid arthritis. <i>Nature Genetics</i> , 2003, 34, 395-402.	21.4	1,111
2	Increased PADI4 expression in blood and tissues of patients with malignant tumors. <i>BMC Cancer</i> , 2009, 9, 40.	2.6	219
3	Localization of peptidylarginine deiminase 4 (PADI4) and citrullinated protein in synovial tissue of rheumatoid arthritis. <i>British Journal of Rheumatology</i> , 2005, 44, 40-50.	2.3	171
4	Expression of peptidylarginine deiminase type 4 (PAD4) in various tumors. <i>Molecular Carcinogenesis</i> , 2006, 45, 183-196.	2.7	165
5	Citrullination of fibronectin in rheumatoid arthritis synovial tissue. <i>Rheumatology</i> , 2005, 44, 1374-1382.	1.9	101
6	Glycolysis and rheumatoid arthritis. <i>International Journal of Rheumatic Diseases</i> , 2011, 14, 217-222.	1.9	83
7	Identification of Proteins with Increased Expression in Rheumatoid Arthritis Synovial Tissues. <i>Journal of Rheumatology</i> , 2009, 36, 872-880.	2.0	60
8	Carbonic anhydrase I (CA1) is involved in the process of bone formation and is susceptible to ankylosing spondylitis. <i>Arthritis Research and Therapy</i> , 2012, 14, R176.	3.5	56
9	PADI4 and tumourigenesis. <i>Cancer Cell International</i> , 2010, 10, 7.	4.1	53
10	The inhibition of antithrombin by peptidylarginine deiminase 4 may contribute to pathogenesis of rheumatoid arthritis. <i>British Journal of Rheumatology</i> , 2005, 44, 293-298.	2.3	52
11	Increased expression of carbonic anhydrase I in the synovium of patients with ankylosing spondylitis. <i>BMC Musculoskeletal Disorders</i> , 2010, 11, 279.	1.9	51
12	Expression of Peptidylarginine Deiminase Type 4 in Ovarian Tumors. <i>International Journal of Biological Sciences</i> , 2010, 6, 454-464.	6.4	40
13	Expression of Semaphorin 4A and its potential role in rheumatoid arthritis. <i>Arthritis Research and Therapy</i> , 2015, 17, 227.	3.5	38
14	The role of TXNDC5 in castration-resistant prostate cancer— involvement of androgen receptor signaling pathway. <i>Oncogene</i> , 2015, 34, 4735-4745.	5.9	37
15	PADI2 Is Significantly Associated with Rheumatoid Arthritis. <i>PLoS ONE</i> , 2013, 8, e81259.	2.5	36
16	CA1 contributes to microcalcification and tumourigenesis in breast cancer. <i>BMC Cancer</i> , 2015, 15, 679.	2.6	36
17	Effector T helper cell populations are elevated in the bone marrow of rheumatoid arthritis patients and correlate with disease severity. <i>Scientific Reports</i> , 2017, 7, 4776.	3.3	36
18	Investigating a pathogenic role for TXNDC5 in tumors. <i>International Journal of Oncology</i> , 2013, 43, 1871-1884.	3.3	34

#	ARTICLE	IF	CITATIONS
19	The expression of PADI4 in synovium of rheumatoid arthritis. <i>Rheumatology International</i> , 2009, 29, 1411-1416.	3.0	31
20	Transgenic mice over-expressing carbonic anhydrase I showed aggravated joint inflammation and tissue destruction. <i>BMC Musculoskeletal Disorders</i> , 2012, 13, 256.	1.9	31
21	miR-573 is a negative regulator in the pathogenesis of rheumatoid arthritis. <i>Cellular and Molecular Immunology</i> , 2016, 13, 839-849.	10.5	31
22	Investigate Pathogenic Mechanism of TXNDC5 in Rheumatoid Arthritis. <i>PLoS ONE</i> , 2013, 8, e53301.	2.5	29
23	CD38 and E2F transcription factor 2 have uniquely increased expression in rheumatoid arthritis synovial tissues. <i>Clinical and Experimental Immunology</i> , 2014, 176, 222-231.	2.6	29
24	Investigating the Pathogenic Role of PADI4 in Oesophageal Cancer. <i>International Journal of Biological Sciences</i> , 2011, 7, 769-781.	6.4	29
25	PADI2 gene confers susceptibility to breast cancer and plays tumorigenic role via ACSL4, BINC3 and CA9 signaling. <i>Cancer Cell International</i> , 2016, 16, 61.	4.1	28
26	PGK1, a glucose metabolism enzyme, may play an important role in rheumatoid arthritis. <i>Inflammation Research</i> , 2016, 65, 815-825.	4.0	28
27	Investigating citrullinated proteins in tumour cell lines. <i>World Journal of Surgical Oncology</i> , 2013, 11, 260.	1.9	27
28	Carbonic Anhydrase 1-Mediated Calcification Is Associated With Atherosclerosis, and Methazolamide Alleviates Its Pathogenesis. <i>Frontiers in Pharmacology</i> , 2019, 10, 766.	3.5	27
29	PADI4 has genetic susceptibility to gastric carcinoma and upregulates CXCR2, KRT14 and TNF- α expression levels. <i>Oncotarget</i> , 2016, 7, 62159-62176.	1.8	26
30	Potential therapeutic effects of cyanidin-3-O-glucoside on rheumatoid arthritis by relieving inhibition of CD38+ NK cells on Treg cell differentiation. <i>Arthritis Research and Therapy</i> , 2019, 21, 220.	3.5	24
31	TXNDC5 is a cervical tumor susceptibility gene that stimulates cell migration, vasculogenic mimicry and angiogenesis by down-regulating SERPINF1 and TRAF1 expression. <i>Oncotarget</i> , 2017, 8, 91009-91024.	1.8	23
32	Investigating a pathogenic role for TXNDC5 in rheumatoid arthritis. <i>Arthritis Research and Therapy</i> , 2011, 13, R124.	3.5	21
33	PSORS1C1 may be involved in rheumatoid arthritis. <i>Immunology Letters</i> , 2013, 153, 9-14.	2.5	20
34	ARHGEF10L contributes to liver tumorigenesis through RhoA-ROCK1 signaling and the epithelial-mesenchymal transition. <i>Experimental Cell Research</i> , 2019, 374, 46-68.	2.6	17
35	PADI3 induces cell cycle arrest via the Sirt2/AKT/p21 pathway and acts as a tumor suppressor gene in colon cancer. <i>Cancer Biology and Medicine</i> , 2019, 16, 729-742.	3.0	15
36	PADI4 stimulates esophageal squamous cell carcinoma tumor growth and up-regulates CA9 expression. <i>Molecular Carcinogenesis</i> , 2019, 58, 66-75.	2.7	14

#	ARTICLE	IF	CITATIONS
37	Expression and citrullination of keratin in synovial tissue of rheumatoid arthritis. <i>Rheumatology International</i> , 2009, 29, 1337-1342.	3.0	12
38	Treat Ankylosing Spondylitis with Methazolamide. <i>International Journal of Medical Sciences</i> , 2011, 8, 413-419.	2.5	12
39	TXNDC5 contributes to rheumatoid arthritis by down-regulating IGFBP1 expression. <i>Clinical and Experimental Immunology</i> , 2018, 192, 82-94.	2.6	11
40	T-Cell Immune Imbalance in Rheumatoid Arthritis Is Associated with Alterations in NK Cells and NK-Like T Cells Expressing CD38. <i>Journal of Innate Immunity</i> , 2022, 14, 148-166.	3.8	10
41	Therapeutic Effect of Xuebijing, a Traditional Chinese Medicine Injection, on Rheumatoid Arthritis. <i>Evidence-based Complementary and Alternative Medicine</i> , 2020, 2020, 1-9.	1.2	10
42	Effects of NMDAR Antagonist on the Regulation of P-MARCKS Protein to A β 1-42 Oligomers Induced Neurotoxicity. <i>Neurochemical Research</i> , 2018, 43, 2008-2015.	3.3	9
43	Therapeutic Effect of Exogenous Regulatory T Cells on Collagen-induced Arthritis and Rheumatoid Arthritis. <i>Cell Transplantation</i> , 2020, 29, 096368972095413.	2.5	9
44	Strong association of glaucoma with atherosclerosis. <i>Scientific Reports</i> , 2021, 11, 8792.	3.3	9
45	2-Deoxy-D-glucose Alleviates Collagen-Induced Arthritis of Rats and Is Accompanied by Metabolic Regulation of the Spleen and Liver. <i>Frontiers in Immunology</i> , 2021, 12, 713799.	4.8	7
46	CXCL10 and TRAIL Are Upregulated by TXNDC5 in Rheumatoid Arthritis Fibroblast-like Synoviocytes. <i>Journal of Rheumatology</i> , 2018, 45, 335-340.	2.0	5
47	E2F2 stimulates CCR4 expression and activates synovial fibroblast-like cells in rheumatoid arthritis. <i>Central-European Journal of Immunology</i> , 2021, 46, 27-37.	1.2	5
48	The low binding affinity of ADAMTS4 for citrullinated fibronectin may contribute to the destruction of joint cartilage in rheumatoid arthritis. <i>Clinical and Experimental Rheumatology</i> , 2013, 31, 201-6.	0.8	5
49	PSORS1C1/CDSN is associated with ankylosing spondylitis. <i>Joint Bone Spine</i> , 2014, 81, 268-272.	1.6	4
50	Stimulation of DC-CIK with PADI4 Protein Can Significantly Elevate the Therapeutic Efficiency in Esophageal Cancer. <i>Journal of Immunology Research</i> , 2019, 2019, 1-11.	2.2	4
51	RCC2 Expression Stimulates ER-Positive Breast Tumorigenesis. <i>Journal of Oncology</i> , 2020, 2020, 1-13.	1.3	3
52	Uridine Diphosphate Promotes Rheumatoid Arthritis Through P2Y6 Activation. <i>Frontiers in Pharmacology</i> , 2021, 12, 658511.	3.5	3
53	ARHGEF10L Promotes Cervical Tumorigenesis via RhoA-Mediated Signaling. <i>Evidence-based Complementary and Alternative Medicine</i> , 2021, 2021, 1-11.	1.2	2
54	Anti-PADI4 antibody suppresses breast cancer by repressing the citrullinated fibronectin in the tumor microenvironment. <i>Biomedicine and Pharmacotherapy</i> , 2022, 153, 113289.	5.6	2

#	ARTICLE	IF	CITATIONS
55	Metabolomic analysis of synovial fluids from rheumatoid arthritis patients using quasi-targeted liquid chromatography-mass spectrometry/mass spectrometry. <i>Clinical and Experimental Rheumatology</i> , 2021, 39, 1307-1315.	0.8	1
56	AB0114â€¦POTENTIAL THERAPEUTIC EFFECTS OF CENTAUREA CYANUS L. ON RHEUMATOID ARTHRITIS THROUGH CD38+ NK CELLS. , 2019, , .		0