

Yan Huang

List of Publications by Year in descending order

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52
papers

1,918
citations

236925

25
h-index

254184

43
g-index

52
all docs

52
docs citations

52
times ranked

2884
citing authors

#	ARTICLE	IF	CITATIONS
1	Lactate Boosts TLR4 Signaling and NF- κ B Pathway-Mediated Gene Transcription in Macrophages via Monocarboxylate Transporters and MD-2 Up-Regulation. <i>Journal of Immunology</i> , 2009, 182, 2476-2484.	0.8	165
2	DPP-4 (CD26) Inhibitor Alogliptin Inhibits Atherosclerosis in Diabetic Apolipoprotein E α -Deficient Mice. <i>Journal of Cardiovascular Pharmacology</i> , 2011, 58, 157-166.	1.9	141
3	Oxidized LDL Stimulates Matrix Metalloproteinase-1 Expression in Human Vascular Endothelial Cells. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1999, 19, 2640-2647.	2.4	102
4	C-Reactive Protein Stimulates MMP-1 Expression in U937 Histiocytes Through Fc γ RII and Extracellular Signal-Regulated Kinase Pathway. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2004, 24, 61-66.	2.4	100
5	Metabolic Syndrome Exacerbates Inflammation and Bone Loss in Periodontitis. <i>Journal of Dental Research</i> , 2015, 94, 362-370.	5.2	89
6	DPP-4 (CD26) inhibitor alogliptin inhibits TLR4-mediated ERK activation and ERK-dependent MMP-1 expression by U937 histiocytes. <i>Atherosclerosis</i> , 2010, 213, 429-435.	0.8	85
7	Interleukin-6 Released from Fibroblasts Is Essential for Up-regulation of Matrix Metalloproteinase-1 Expression by U937 Macrophages in Coculture. <i>Journal of Biological Chemistry</i> , 2009, 284, 13714-13724.	3.4	79
8	Acid sphingomyelinase plays a key role in palmitic acid-amplified inflammatory signaling triggered by lipopolysaccharide at low concentrations in macrophages. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2013, 305, E853-E867.	3.5	75
9	TLR4 antagonist reduces early-stage atherosclerosis in diabetic apolipoprotein E-deficient mice. <i>Journal of Endocrinology</i> , 2013, 216, 61-71.	2.6	70
10	Sodium lactate increases LPS-stimulated MMP and cytokine expression in U937 histiocytes by enhancing AP-1 and NF- κ B transcriptional activities. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2005, 289, E534-E542.	3.5	58
11	Oxidized LDL-Containing Immune Complexes Induce Fc Gamma Receptor α -Mediated Mitogen-Activated Protein Kinase Activation in THP-1 Macrophages. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1999, 19, 1600-1607.	2.4	56
12	Oxidized LDL differentially regulates MMP-1 and TIMP-1 expression in vascular endothelial cells. <i>Atherosclerosis</i> , 2001, 156, 119-125.	0.8	48
13	Toll-Like Receptor 4 Activation in Microvascular Endothelial Cells Triggers a Robust Inflammatory Response and Cross Talk With Mononuclear Cells via Interleukin-6. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2012, 32, 1696-1706.	2.4	46
14	TLR4 antagonist attenuates atherogenesis in LDL receptor-deficient mice with diet-induced type 2 diabetes. <i>Immunobiology</i> , 2015, 220, 1246-1254.	1.9	45
15	Fc γ Receptor Cross-Linking by Immune Complexes Induces Matrix Metalloproteinase-1 in U937 Cells via Mitogen-Activated Protein Kinase. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2000, 20, 2533-2538.	2.4	44
16	Simvastatin inhibits lipopolysaccharide-induced osteoclastogenesis and reduces alveolar bone loss in experimental periodontal disease. <i>Journal of Periodontal Research</i> , 2014, 49, 518-526.	2.7	42
17	Quercetin Inhibits Matrix Metalloproteinase-1 Expression in Human Vascular Endothelial Cells through Extracellular Signal-Regulated Kinase. <i>Archives of Biochemistry and Biophysics</i> , 2001, 391, 72-78.	3.0	40
18	High glucose enhances lipopolysaccharide-stimulated CD14 expression in U937 mononuclear cells by increasing nuclear factor κ B and AP-1 activities. <i>Journal of Endocrinology</i> , 2007, 196, 45-55.	2.6	40

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19	IL-6 and high glucose synergistically upregulate MMP-1 expression by U937 mononuclear phagocytes via ERK1/2 and JNK pathways and c-Jun. <i>Journal of Cellular Biochemistry</i> , 2010, 110, 248-259.	2.6	38
20	Adipocyte-Mononuclear Cell Interaction, Toll-like Receptor 4 Activation, and High Glucose Synergistically Up-regulate Osteopontin Expression via an Interleukin 6-mediated Mechanism. <i>Journal of Biological Chemistry</i> , 2010, 285, 3916-3927.	3.4	34
21	Docosahexaenoic acid antagonizes the boosting effect of palmitic acid on LPS inflammatory signaling by inhibiting gene transcription and ceramide synthesis. <i>PLoS ONE</i> , 2018, 13, e0193343.	2.5	33
22	Simvastatin suppresses LPS-induced MMP-1 expression in U937 mononuclear cells by inhibiting protein isoprenylation-mediated ERK activation. <i>Journal of Leukocyte Biology</i> , 2008, 84, 1120-1129.	3.3	32
23	Oxidized LDL immune complexes stimulate collagen IV production in mesangial cells via Fc gamma receptors I and III. <i>Clinical Immunology</i> , 2011, 139, 258-266.	3.2	30
24	Coactivation of TLR4 and TLR2/6 coordinates an additive augmentation on IL-6 gene transcription via p38MAPK pathway in U937 mononuclear cells. <i>Molecular Immunology</i> , 2011, 49, 423-432.	2.2	29
25	Pre-exposure to high glucose augments lipopolysaccharide-stimulated matrix metalloproteinase-1 expression by human U937 histiocytes. <i>Journal of Periodontal Research</i> , 2004, 39, 415-423.	2.7	26
26	High glucose and interferon gamma synergistically stimulate MMP-1 expression in U937 macrophages by increasing transcription factor STAT1 activity. <i>Atherosclerosis</i> , 2009, 202, 363-371.	0.8	24
27	GPR40/FFA1 and neutral sphingomyelinase are involved in palmitate-boosted inflammatory response of microvascular endothelial cells to LPS. <i>Atherosclerosis</i> , 2015, 240, 163-173.	0.8	23
28	Saturated fatty acid combined with lipopolysaccharide stimulates a strong inflammatory response in hepatocytes in vivo and in vitro. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2018, 315, E745-E757.	3.5	23
29	Matrix metalloproteinase-8 expression in periodontal tissues surgically removed from diabetic and non-diabetic patients with periodontal disease. <i>Journal of Clinical Periodontology</i> , 2012, 39, 249-255.	4.9	22
30	LPS and palmitate synergistically stimulate sphingosine kinase 1 and increase sphingosine 1 phosphate in RAW264.7 macrophages. <i>Journal of Leukocyte Biology</i> , 2018, 104, 843-853.	3.3	22
31	Amitriptyline inhibits nonalcoholic steatohepatitis and atherosclerosis induced by high-fat diet and LPS through modulation of sphingolipid metabolism. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2020, 318, E131-E144.	3.5	22
32	Pioglitazone inhibits MMP-1 expression in vascular smooth muscle cells through a mitogen-activated protein kinase-independent mechanism. <i>Atherosclerosis</i> , 2005, 178, 249-256.	0.8	21
33	CD36 is upregulated in mice with periodontitis and metabolic syndrome and involved in macrophage gene upregulation by palmitate. <i>Oral Diseases</i> , 2017, 23, 210-218.	3.0	18
34	Lipopolysaccharide and IL-1 β coordinate a synergy on cytokine production by upregulating MyD88 expression in human gingival fibroblasts. <i>Molecular Immunology</i> , 2016, 79, 47-54.	2.2	17
35	Administration of Pioglitazone in Low-Density Lipoprotein Receptor-Deficient Mice Inhibits Lesion Progression and Matrix Metalloproteinase Expression in Advanced Atherosclerotic Plaques. <i>Journal of Cardiovascular Pharmacology</i> , 2006, 48, 212-222.	1.9	16
36	Insulin treatment attenuates diabetes-increased atherosclerotic intimal lesions and matrix metalloproteinase 9 expression in apolipoprotein E-deficient mice. <i>Journal of Endocrinology</i> , 2011, 210, 37-46.	2.6	14

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37	Different signaling mechanisms regulating IL-6 expression by LPS between gingival fibroblasts and mononuclear cells: seeking the common target. <i>Clinical Immunology</i> , 2012, 143, 188-199.	3.2	14
38	Upregulation of free fatty acid receptors in periodontal tissues of patients with metabolic syndrome and periodontitis. <i>Journal of Periodontal Research</i> , 2019, 54, 356-363.	2.7	14
39	TLR4 Activation and IL-6-Mediated Cross Talk between Adipocytes and Mononuclear Cells Synergistically Stimulate MMP-1 Expression. <i>Endocrinology</i> , 2011, 152, 4662-4671.	2.8	13
40	Cooperative stimulation of atherogenesis by lipopolysaccharide and palmitic acid-rich high fat diet in low-density lipoprotein receptor-deficient mice. <i>Atherosclerosis</i> , 2017, 265, 231-241.	0.8	13
41	Immune complexes containing malondialdehyde (MDA) LDL induce apoptosis in human macrophages. <i>Clinical Immunology</i> , 2018, 187, 1-9.	3.2	13
42	Acid sphingomyelinase deficiency exacerbates LPS-induced experimental periodontitis. <i>Oral Diseases</i> , 2020, 26, 637-646.	3.0	13
43	Interaction of palmitate and LPS regulates cytokine expression and apoptosis through sphingolipids in human retinal microvascular endothelial cells. <i>Experimental Eye Research</i> , 2019, 178, 61-71.	2.6	12
44	GPR40 deficiency is associated with hepatic FAT/CD36 upregulation, steatosis, inflammation, and cell injury in C57BL/6 mice. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2021, 320, E30-E42.	3.5	12
45	Inhibition of acid sphingomyelinase by imipramine abolishes the synergy between metabolic syndrome and periodontitis on alveolar bone loss. <i>Journal of Periodontal Research</i> , 2022, 57, 173-185.	2.7	10
46	Up-regulation of matrix metalloproteinase-1 expression in U937 cells by low-density lipoprotein-containing immune complexes requires the activator protein-1 and the Ets motifs in the distal and the proximal promoter regions. <i>Immunology</i> , 2003, 109, 572-579.	4.4	9
47	IFN- γ Pretreatment Augments Immune Complex-Induced Matrix Metalloproteinase-1 Expression in U937 Histiocytes. <i>Clinical Immunology</i> , 2002, 102, 200-207.	3.2	8
48	MD-2 Is Involved in the Stimulation of MMP-1 Expression by IFN- γ and High Glucose in Mononuclear Cells - A Potential Role of MD-2 in TLR4-Independent Signaling. <i>Immunology</i> , 2013, 140, n/a-n/a.	4.4	5
49	Deoxysphingolipids Upregulate MMP-1, Downregulate TIMP-1, and Induce Cytotoxicity in Human Schwann Cells. <i>NeuroMolecular Medicine</i> , 2022, 24, 352-362.	3.4	5
50	High-fat diet-induced metabolic syndrome increases ligature-induced alveolar bone loss in mice. <i>Oral Diseases</i> , 2023, 29, 1312-1323.	3.0	5
51	Periodontal CD14 mRNA expression is downregulated in patients with chronic periodontitis and type 2 diabetes. <i>BMC Oral Health</i> , 2015, 15, 145.	2.3	3
52	Heavily Oxidized-Glycated LDL Inhibits Tissue Inhibitor of Metalloproteinase-3 Expression in Human Retinal Capillary Pericytes. <i>Annals of the New York Academy of Sciences</i> , 2005, 1043, 929-929.	3.8	0