

Rasheed Ahmad

List of Publications by Year in descending order

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67
papers

2,355
citations

172207

29
h-index

243296

44
g-index

70
all docs

70
docs citations

70
times ranked

3727
citing authors

#	ARTICLE	IF	CITATIONS
1	Obesity Is a Positive Modulator of IL-6R and IL-6 Expression in the Subcutaneous Adipose Tissue: Significance for Metabolic Inflammation. PLoS ONE, 2015, 10, e0133494.	1.1	195
2	Elevated expression of the toll like receptors 2 and 4 in obese individuals: its significance for obesity-induced inflammation. Journal of Inflammation, 2012, 9, 48.	1.5	145
3	IRF3 promotes adipose inflammation and insulin resistance and represses browning. Journal of Clinical Investigation, 2016, 126, 2839-2854.	3.9	134
4	Elevated Levels of Circulating Interleukin-18 in Human Immunodeficiency Virus-Infected Individuals: Role of Peripheral Blood Mononuclear Cells and Implications for AIDS Pathogenesis. Journal of Virology, 2002, 76, 12448-12456.	1.5	88
5	The Synergy between Palmitate and TNF- α for CCL2 Production Is Dependent on the TRIF/IRF3 Pathway: Implications for Metabolic Inflammation. Journal of Immunology, 2018, 200, 3599-3611.	0.4	64
6	Palmitate-Induced MMP-9 Expression in the Human Monocytic Cells is Mediated through the TLR4-MyD88 Dependent Mechanism. Cellular Physiology and Biochemistry, 2016, 39, 889-900.	1.1	61
7	MyD88, IRAK1 and TRAF6 knockdown in human chondrocytes inhibits interleukin-1-induced matrix metalloproteinase-13 gene expression and promoter activity by impairing MAP kinase activation. Cellular Signalling, 2007, 19, 2549-2557.	1.7	60
8	Increased Expression of the Innate Immune Receptor TLR10 in Obesity and Type-2 Diabetes: Association with ROS-Mediated Oxidative Stress. Cellular Physiology and Biochemistry, 2018, 45, 572-590.	1.1	56
9	Interaction of Osteopontin with IL-18 in Obese Individuals: Implications for Insulin Resistance. PLoS ONE, 2013, 8, e63944.	1.1	55
10	FSL-1 Induces MMP-9 Production through TLR-2 and NF- κ B /AP-1 Signaling Pathways in Monocytic THP-1 Cells. Cellular Physiology and Biochemistry, 2014, 34, 929-942.	1.1	51
11	IL-33 is negatively associated with the BMI and confers a protective lipid/metabolic profile in non-diabetic but not diabetic subjects. BMC Immunology, 2014, 15, 19.	0.9	51
12	Palmitate Activates CCL4 Expression in Human Monocytic Cells via TLR4/MyD88 Dependent Activation of NF- κ B/MAPK/ PI3K Signaling Systems. Cellular Physiology and Biochemistry, 2018, 46, 953-964.	1.1	51
13	Oxidative Stress Induces Expression of the Toll-Like Receptors (TLRs) 2 and 4 in the Human Peripheral Blood Mononuclear Cells: Implications for Metabolic Inflammation. Cellular Physiology and Biochemistry, 2019, 53, 1-18.	1.1	51
14	Modulation of expression of the MHC class I-binding natural killer cell receptors, and NK activity in relation to viral load in HIV-infected/AIDS patients. Journal of Medical Virology, 2001, 65, 431-440.	2.5	47
15	Elevated adipose tissue associated IL-2 expression in obesity correlates with metabolic inflammation and insulin resistance. Scientific Reports, 2020, 10, 16364.	1.6	47
16	TLR4/MyD88 -mediated CCL2 production by lipopolysaccharide (endotoxin): Implications for metabolic inflammation. Journal of Diabetes and Metabolic Disorders, 2018, 17, 77-84.	0.8	43
17	IRF3 reduces adipose thermogenesis via ISG15-mediated reprogramming of glycolysis. Journal of Clinical Investigation, 2021, 131, .	3.9	43
18	Requirement of TLR2-mediated signaling for the induction of IL-15 gene expression in human monocytic cells by HSV-1. Blood, 2008, 112, 2360-2368.	0.6	42

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19	The Cooperative Induction of CCL4 in Human Monocytic Cells by TNF- α and Palmitate Requires MyD88 and Involves MAPK/NF- κ B Signaling Pathways. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4658.	1.8	40
20	Neutral sphingomyelinase 2 regulates inflammatory responses in monocytes/macrophages induced by TNF- α . <i>Scientific Reports</i> , 2020, 10, 16802.	1.6	40
21	Cellular and Humoral Immune Responses in Covid-19 and Immunotherapeutic Approaches. <i>ImmunoTargets and Therapy</i> , 2021, Volume 10, 63-85.	2.7	40
22	Studies on the production of IL-15 in HIV-infected/AIDS patients. <i>Journal of Clinical Immunology</i> , 2003, 23, 81-90.	2.0	39
23	Increased adipose tissue expression of IL-18 and its ligand IL-18 associates with inflammation and insulin resistance in obesity. <i>Immunity, Inflammation and Disease</i> , 2017, 5, 318-335.	1.3	38
24	TNF- α Induces a Pro-Inflammatory Phenotypic Shift in Monocytes through ACSL1: Relevance to Metabolic Inflammation. <i>Cellular Physiology and Biochemistry</i> , 2019, 52, 397-407.	1.1	36
25	Involvement of H-Ras and reactive oxygen species in proinflammatory cytokine-induced matrix metalloproteinase-13 expression in human articular chondrocytes. <i>Archives of Biochemistry and Biophysics</i> , 2011, 507, 350-355.	1.4	35
26	Increased circulatory levels of fractalkine (CX3CL1) are associated with inflammatory chemokines and cytokines in individuals with type-2 diabetes. <i>Journal of Diabetes and Metabolic Disorders</i> , 2017, 16, 15.	0.8	34
27	Repetitive Intermittent Hyperglycemia Drives the M1 Polarization and Inflammatory Responses in THP-1 Macrophages Through the Mechanism Involving the TLR4-IRF5 Pathway. <i>Cells</i> , 2020, 9, 1892.	1.8	34
28	Peripheral Blood Cytotoxic γ T Lymphocytes from Patients with Human Immunodeficiency Virus Type 1 Infection and AIDS Lyse Uninfected CD4 + T Cells, and Their Cytocidal Potential Correlates with Viral Load. <i>Journal of Virology</i> , 2003, 77, 1848-1855.	1.5	32
29	Increased expression of the interleukin-1 receptor-associated kinase (IRAK)-1 is associated with adipose tissue inflammatory state in obesity. <i>Diabetology and Metabolic Syndrome</i> , 2015, 7, 71.	1.2	32
30	TNF- α in Combination with Palmitate Enhances IL-8 Production via The MyD88- Independent TLR4 Signaling Pathway: Potential Relevance to Metabolic Inflammation. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4112.	1.8	32
31	ROS/TNF- α Crosstalk Triggers the Expression of IL-8 and MCP-1 in Human Monocytic THP-1 Cells via the NF- κ B and ERK1/2 Mediated Signaling. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10519.	1.8	32
32	Increased adipose tissue expression of TLR8 in obese individuals with or without type-2 diabetes: significance in metabolic inflammation. <i>Journal of Inflammation</i> , 2016, 13, 38.	1.5	31
33	Adipose tissue expression of CCL19 chemokine is positively associated with insulin resistance. <i>Diabetes/Metabolism Research and Reviews</i> , 2019, 35, e3087.	1.7	31
34	Thrombin induces apoptosis in human tumor cells. <i>International Journal of Cancer</i> , 2000, 87, 707-715.	2.3	29
35	ACSL1 Regulates TNF- α -Induced GM-CSF Production by Breast Cancer MDA-MB-231 Cells. <i>Biomolecules</i> , 2019, 9, 555.	1.8	28
36	Adipose tissue gene expression of CXCL10 and CXCL11 modulates inflammatory markers in obesity: implications for metabolic inflammation and insulin resistance. <i>Therapeutic Advances in Endocrinology and Metabolism</i> , 2020, 11, 204201882093090.	1.4	28

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37	TNF- α Drives the CCL4 Expression in Human Monocytic Cells: Involvement of the SAPK/JNK and NF- κ B Signaling Pathways. <i>Cellular Physiology and Biochemistry</i> , 2019, 52, 908-921.	1.1	28
38	Pam3CSK4 Induces MMP-9 Expression in Human Monocytic THP-1 Cells. <i>Cellular Physiology and Biochemistry</i> , 2017, 41, 1993-2003.	1.1	27
39	TLR2 and AP-1/NF-kappaB are involved in the regulation of MMP-9 elicited by heat killed <i>Listeria monocytogenes</i> in human monocytic THP-1 cells. <i>Journal of Inflammation</i> , 2015, 12, 32.	1.5	26
40	Increased Adipose Tissue Expression of Interferon Regulatory Factor (IRF)-5 in Obesity: Association with Metabolic Inflammation. <i>Cells</i> , 2019, 8, 1418.	1.8	26
41	Insight into the impact of diabetes mellitus on the increased risk of hepatocellular carcinoma: mini-review. <i>Journal of Diabetes and Metabolic Disorders</i> , 2014, 13, 57.	0.8	25
42	Enhanced Adipose Expression of Interferon Regulatory Factor (IRF)-5 Associates with the Signatures of Metabolic Inflammation in Diabetic Obese Patients. <i>Cells</i> , 2020, 9, 730.	1.8	25
43	Ceramide kinase regulates TNF- α -induced immune responses in human monocytic cells. <i>Scientific Reports</i> , 2021, 11, 8259.	1.6	23
44	MIP-1 α Expression Induced by Co-Stimulation of Human Monocytic Cells with Palmitate and TNF- α Involves the TLR4-IRF3 Pathway and Is Amplified by Oxidative Stress. <i>Cells</i> , 2020, 9, 1799.	1.8	22
45	Neutral sphingomyelinase-2 and cardiometabolic diseases. <i>Obesity Reviews</i> , 2021, 22, e13248.	3.1	21
46	Plasma fetuin-A/2-HS-glycoprotein correlates negatively with inflammatory cytokines, chemokines and activation biomarkers in individuals with type-2 diabetes. <i>BMC Immunology</i> , 2016, 17, 33.	0.9	20
47	Identification of an acid sphingomyelinase ceramide kinase pathway in the regulation of the chemokine CCL5 [S]. <i>Journal of Lipid Research</i> , 2018, 59, 1219-1229.	2.0	20
48	LPS Induces GM-CSF Production by Breast Cancer MDA-MB-231 Cells via Long-Chain Acyl-CoA Synthetase 1. <i>Molecules</i> , 2020, 25, 4709.	1.7	19
49	Impaired induction of IL-15 in response to herpes simplex virus type 1 infection in peripheral blood mononuclear cells of HIV-infected patients. <i>Aids</i> , 2000, 14, 744-745.	1.0	19
50	Short Sleep Duration and Its Association with Obesity and Other Metabolic Risk Factors in Kuwaiti Urban Adults. <i>Nature and Science of Sleep</i> , 2021, Volume 13, 1225-1241.	1.4	18
51	Stearic Acid and TNF- α Co-Operatively Potentiate MIP-1 α Production in Monocytic Cells via MyD88 Independent TLR4/TBK/IRF3 Signaling Pathway. <i>Biomedicines</i> , 2020, 8, 403.	1.4	16
52	IL-1 β and TNF α Cooperativity in Regulating IL-6 Expression in Adipocytes Depends on CREB Binding and H3K14 Acetylation. <i>Cells</i> , 2021, 10, 3228.	1.8	16
53	Short Chain Fatty Acid Acetate Increases TNF α -Induced MCP-1 Production in Monocytic Cells via ACSL1/MAPK/NF- κ B Axis. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7683.	1.8	14
54	MIP-1a Induction by Palmitate in the Human Monocytic Cells Implicates TLR4 Signaling Mechanism. <i>Cellular Physiology and Biochemistry</i> , 2019, 52, 212-224.	1.1	13

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55	Hepatic IRF3 fuels dysglycemia in obesity through direct regulation of <i>Ppp2r1b</i> . <i>Science Translational Medicine</i> , 2022, 14, eabh3831.	5.8	11
56	Electron spin resonance studies on gamma-irradiated coffee bean parts. <i>International Journal of Food Science and Technology</i> , 2003, 38, 11-16.	1.3	10
57	Association between Adipose Tissue Interleukin-33 and Immunometabolic Markers in Individuals with Varying Degrees of Glycemia. <i>Disease Markers</i> , 2019, 2019, 1-16.	0.6	10
58	Increasing the Duration of Light Physical Activity Ameliorates Insulin Resistance Syndrome in Metabolically Healthy Obese Adults. <i>Cells</i> , 2020, 9, 1189.	1.8	10
59	Elevated resting heart rate as a predictor of inflammation and cardiovascular risk in healthy obese individuals. <i>Scientific Reports</i> , 2021, 11, 13883.	1.6	10
60	<i>Candida albicans</i> Induces Foaming and Inflammation in Macrophages through FABP4: Its Implication for Atherosclerosis. <i>Biomedicines</i> , 2021, 9, 1567.	1.4	8
61	Microarray analysis reveals ONC201 mediated differential mechanisms of CHOP gene regulation in metastatic and nonmetastatic colorectal cancer cells. <i>Scientific Reports</i> , 2021, 11, 11893.	1.6	7
62	Adipose Tissue Steroid Receptor RNA Activator 1 (SRA1) Expression Is Associated with Obesity, Insulin Resistance, and Inflammation. <i>Cells</i> , 2021, 10, 2602.	1.8	7
63	TNF- α Increases IP-10 Expression in MCF-7 Breast Cancer Cells via Activation of the JNK/c-Jun Pathways. <i>Biomolecules</i> , 2021, 11, 1355.	1.8	4
64	Differential association of plasma monocyte chemoattractant protein-1 with systemic inflammatory and airway remodeling biomarkers in type-2 diabetic patients with and without asthma. <i>Journal of Diabetes and Metabolic Disorders</i> , 2016, 15, 40.	0.8	3
65	Correlation Profile of Suppression of Tumorigenicity 2 and/or Interleukin-33 with Biomarkers in the Adipose Tissue of Individuals with Different Metabolic States. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , 2020, Volume 13, 3839-3859.	1.1	2
66	A Milk-Fat Based Diet Increases Metastasis in the MMTV-PyMT Mouse Model of Breast Cancer. <i>Nutrients</i> , 2021, 13, 2431.	1.7	0
67	Urocortin Neuropeptide Levels Are Impaired in the PBMCs of Overweight Children. <i>Nutrients</i> , 2022, 14, 429.	1.7	0