

Zia A Khan

List of Publications by Year in descending order

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73
papers

4,248
citations

126708

33
h-index

114278

63
g-index

75
all docs

75
docs citations

75
times ranked

5287
citing authors

#	ARTICLE	IF	CITATIONS
1	Human Tissue Kallikreins in Polymorphous Adenocarcinoma: A Polymerase Chain Reaction and Immunohistochemical Study. <i>Head and Neck Pathology</i> , 2021, 15, 169-178.	1.3	1
2	Kallikrein-Related Peptidase mRNA Expression in Adenoid Cystic Carcinoma of Salivary Glands: A Polymerase Chain Reaction Study. <i>Head and Neck Pathology</i> , 2020, 14, 577-587.	1.3	2
3	Surrogate markers for high-risk human papillomavirus infection in oral epithelial dysplasia: A comparison of p16, Ki-67, and ProExC. <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , 2020, 129, 246-259.e1.	0.2	4
4	MD2 activation by direct AGE interaction drives inflammatory diabetic cardiomyopathy. <i>Nature Communications</i> , 2020, 11, 2148.	5.8	90
5	Celastrol Attenuates Angiotensin II-Induced Cardiac Remodeling by Targeting STAT3. <i>Circulation Research</i> , 2020, 126, 1007-1023.	2.0	127
6	Arachidonic acid inhibits inflammatory responses by binding to myeloid differentiation factor-2 (MD2) and preventing MD2/toll-like receptor 4 signaling activation. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2020, 1866, 165683.	1.8	34
7	Identifying Candidate Biomarkers for Pleomorphic Adenoma: A Case-Control Study. <i>Head and Neck Pathology</i> , 2019, 13, 286-297.	1.3	3
8	Inhibition of STAT3 activation mediated by toll-like receptor 4 attenuates angiotensin II-induced renal fibrosis and dysfunction. <i>British Journal of Pharmacology</i> , 2019, 176, 2627-2641.	2.7	19
9	Blockade of myeloid differentiation 2 attenuates diabetic nephropathy by reducing activation of the renin-angiotensin system in mouse kidneys. <i>British Journal of Pharmacology</i> , 2019, 176, 2642-2657.	2.7	31
10	Kaempferol reduces K63-linked polyubiquitination to inhibit nuclear factor- κ B and inflammatory responses in acute lung injury in mice. <i>Toxicology Letters</i> , 2019, 306, 53-60.	0.4	38
11	Curcumin Analogs Reduce Stress and Inflammation Indices in Experimental Models of Diabetes. <i>Frontiers in Endocrinology</i> , 2019, 10, 887.	1.5	18
12	Kaempferol attenuates hyperglycemia-induced cardiac injuries by inhibiting inflammatory responses and oxidative stress. <i>Endocrine</i> , 2018, 60, 83-94.	1.1	72
13	Costunolide specifically binds and inhibits thioredoxin reductase 1 to induce apoptosis in colon cancer. <i>Cancer Letters</i> , 2018, 412, 46-58.	3.2	38
14	(S)-crizotinib reduces gastric cancer growth through oxidative DNA damage and triggers pro-survival akt signal. <i>Cell Death and Disease</i> , 2018, 9, 660.	2.7	18
15	Kallikrein-related peptidase expression in odontogenic cysts and tumors: An immunohistochemical comparative study. <i>Journal of Investigative and Clinical Dentistry</i> , 2017, 8, e12256.	1.8	1
16	Inhibition of epidermal growth factor receptor attenuates atherosclerosis via decreasing inflammation and oxidative stress. <i>Scientific Reports</i> , 2017, 7, 45917.	1.6	65
17	11 β -HSD1 inhibition ameliorates diabetes-induced cardiomyocyte hypertrophy and cardiac fibrosis through modulation of EGFR activity. <i>Oncotarget</i> , 2017, 8, 96263-96275.	0.8	8
18	11 β -Hydroxysteroid Dehydrogenase Type 1(11 β -HSD1) mediates insulin resistance through JNK activation in adipocytes. <i>Scientific Reports</i> , 2016, 6, 37160.	1.6	25

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19	Curcumin protects hearts from FFA-induced injury by activating Nrf2 and inactivating NF- κ B both in vitro and in vivo. <i>Journal of Molecular and Cellular Cardiology</i> , 2015, 79, 1-12.	0.9	141
20	Mechanisms of propranolol action in infantile hemangioma. <i>Dermato-Endocrinology</i> , 2014, 6, e979699.	1.9	22
21	Propranolol inhibits growth of hemangioma-initiating cells but does not induce apoptosis. <i>Pediatric Research</i> , 2014, 75, 381-388.	1.1	33
22	Switch from Canonical to Noncanonical Wnt Signaling Mediates High Glucose-Induced Adipogenesis. <i>Stem Cells</i> , 2014, 32, 1649-1660.	1.4	47
23	Pathophysiological role of enhanced bone marrow adipogenesis in diabetic complications. <i>Adipocyte</i> , 2014, 3, 263-272.	1.3	30
24	Elevated IGF2 prevents leptin induction and terminal adipocyte differentiation in hemangioma stem cells. <i>Experimental and Molecular Pathology</i> , 2013, 94, 126-136.	0.9	20
25	Elevated T-box 2 in infantile hemangioma stem cells maintains an adipogenic differentiation-competent state. <i>Dermato-Endocrinology</i> , 2013, 5, 352-357.	1.9	8
26	Intrinsic regulation of hemangioma involution by platelet-derived growth factor. <i>Cell Death and Disease</i> , 2012, 3, e328-e328.	2.7	16
27	Hemangioblastoma Stromal Cells Show Committed Stem Cell Phenotype. <i>Canadian Journal of Neurological Sciences</i> , 2012, 39, 821-827.	0.3	7
28	Evolution of hemangioma endothelium. <i>Experimental and Molecular Pathology</i> , 2012, 93, 264-272.	0.9	39
29	Vascular stem cells in diabetic complications: evidence for a role in the pathogenesis and the therapeutic promise. <i>Cardiovascular Diabetology</i> , 2012, 11, 37.	2.7	24
30	Regulation of Vascular Endothelial Growth Factor Expression by Extra Domain B Segment of Fibronectin in Endothelial Cells. , 2012, 53, 8333.		20
31	Unique Responses of Stem Cell-Derived Vascular Endothelial and Mesenchymal Cells to High Levels of Glucose. <i>PLoS ONE</i> , 2012, 7, e38752.	1.1	56
32	<i>Frontiers in Cardiovascular Drug Discovery</i> . , 2012, , .		2
33	Curcumin prevents diabetes-associated abnormalities in the kidneys by inhibiting p300 and nuclear factor- κ B. <i>Nutrition</i> , 2009, 25, 964-972.	1.1	167
34	Response to κ B inhibition of p300 and nuclear factor- κ B by curcumin and its role in diabetic nephropathy. <i>Nutrition</i> , 2009, 25, 975-976.	1.1	3
35	Calcification of Multipotent Prostate Tumor Endothelium. <i>Cancer Cell</i> , 2008, 14, 201-211.	7.7	114
36	Engineering Robust and Functional Vascular Networks In Vivo With Human Adult and Cord Blood-Derived Progenitor Cells. <i>Circulation Research</i> , 2008, 103, 194-202.	2.0	449

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37	IGF-2 and FLT-1/VEGF-R1 mRNA Levels Reveal Distinctions and Similarities Between Congenital and Common Infantile Hemangioma. <i>Pediatric Research</i> , 2008, 63, 263-267.	1.1	56
38	Multipotential stem cells recapitulate human infantile hemangioma in immunodeficient mice. <i>Journal of Clinical Investigation</i> , 2008, 118, 2592-9.	3.9	224
39	Akt activation and augmented fibronectin production in hyperhexosemia. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2007, 293, E1036-E1044.	1.8	18
40	Cellular Signaling and Potential New Treatment Targets in Diabetic Retinopathy. <i>Experimental Diabetes Research</i> , 2007, 2007, 1-12.	3.8	74
41	In vivo vasculogenic potential of human blood-derived endothelial progenitor cells. <i>Blood</i> , 2007, 109, 4761-4768.	0.6	447
42	Role of endothelin-1, sodium hydrogen exchanger-1 and mitogen activated protein kinase (MAPK) activation in glucose-induced cardiomyocyte hypertrophy. <i>Diabetes/Metabolism Research and Reviews</i> , 2007, 23, 356-367.	1.7	56
43	Differential effects of curcumin on vasoactive factors in the diabetic rat heart. <i>Nutrition and Metabolism</i> , 2006, 3, 27.	1.3	92
44	Endothelial progenitor cells from infantile hemangioma and umbilical cord blood display unique cellular responses to endostatin. <i>Blood</i> , 2006, 108, 915-921.	0.6	110
45	Endothelin-Mediated Oncofetal Fibronectin Expression in Chronic Allograft Nephropathy. <i>Transplantation</i> , 2006, 82, 406-414.	0.5	11
46	Vascular endothelial dysfunction in diabetic cardiomyopathy: Pathogenesis and potential treatment targets. , 2006, 111, 384-399.		86
47	Therapeutic Targeting of Endothelial Dysfunction in Chronic Diabetic Complications. <i>Recent Patents on Cardiovascular Drug Discovery</i> , 2006, 1, 167-175.	1.5	18
48	Towards Newer Molecular Targets for Chronic Diabetic Complications. <i>Current Vascular Pharmacology</i> , 2006, 4, 45-57.	0.8	52
49	Diabetes-Induced Extracellular Matrix Protein Expression Is Mediated by Transcription Coactivator p300. <i>Diabetes</i> , 2006, 55, 3104-3111.	0.3	95
50	Human Pulmonary Valve Progenitor Cells Exhibit Endothelial/Mesenchymal Plasticity in Response to Vascular Endothelial Growth Factor-A and Transforming Growth Factor- β 2. <i>Circulation Research</i> , 2006, 99, 861-869.	2.0	134
51	Endothelins: regulators of extracellular matrix protein production in diabetes. <i>Experimental Biology and Medicine</i> , 2006, 231, 1022-9.	1.1	21
52	2-Amino-phenoxazine-3-one Attenuates Glucose-Induced Augmentation of Embryonic Form of Myosin Heavy Chain, Endothelin-1 and Plasminogen Activator Inhibitor-1 in Human Umbilical Vein Endothelial Cells. <i>Biological and Pharmaceutical Bulletin</i> , 2005, 28, 797-801.	0.6	8
53	Endothelin-mediated remodeling in aortas of diabetic rats. <i>Diabetes/Metabolism Research and Reviews</i> , 2005, 21, 367-375.	1.7	33
54	Glucose-induced up-regulation of CD36 mediates oxidative stress and microvascular endothelial cell dysfunction. <i>Diabetologia</i> , 2005, 48, 1401-1410.	2.9	54

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55	Glucose-induced Akt1 activation mediates fibronectin synthesis in endothelial cells. <i>Diabetologia</i> , 2005, 48, 2428-2436.	2.9	23
56	EDB fibronectin and angiogenesis – a novel mechanistic pathway. <i>Angiogenesis</i> , 2005, 8, 183-196.	3.7	95
57	Glucose-induced regulation of novel iron transporters in vascular endothelial cell dysfunction. <i>Free Radical Research</i> , 2005, 39, 1203-1210.	1.5	8
58	ED-B FIBRONECTIN IN NON-SMALL CELL LUNG CARCINOMA. <i>Experimental Lung Research</i> , 2005, 31, 701-711.	0.5	27
59	Glucose-induced serum- and glucocorticoid-regulated kinase activation in oncofetal fibronectin expression. <i>Biochemical and Biophysical Research Communications</i> , 2005, 329, 275-280.	1.0	21
60	Fatty acid methyl esters are detectable in the plasma and their presence correlates with liver dysfunction. <i>Clinica Chimica Acta</i> , 2005, 359, 141-149.	0.5	18
61	Oncofetal Fibronectin in Diabetic Retinopathy. , 2004, 45, 287.		73
62	C-peptide and Retinal Microangiopathy in Diabetes. <i>Experimental Diabetes Research</i> , 2004, 5, 91-96.	1.0	22
63	Pro-oxidant Role of Heme Oxygenase in Mediating Glucose-induced Endothelial Cell Damage. <i>Free Radical Research</i> , 2004, 38, 1301-1310.	1.5	39
64	Potential Contributory Role of H-Ras, a Small G-Protein, in the Development of Retinopathy in Diabetic Rats. <i>Diabetes</i> , 2004, 53, 775-783.	0.3	48
65	Heme-oxygenase-mediated iron accumulation in the liver. <i>Canadian Journal of Physiology and Pharmacology</i> , 2004, 82, 448-456.	0.7	25
66	Extracellular signal-regulated kinase (ERK) in glucose-induced and endothelin-mediated fibronectin synthesis. <i>Laboratory Investigation</i> , 2004, 84, 1451-1459.	1.7	55
67	The role of the sodium hydrogen exchanger-1 in mediating diabetes-induced changes in the retina. <i>Diabetes/Metabolism Research and Reviews</i> , 2004, 20, 61-71.	1.7	17
68	Heme oxygenase in diabetes-induced oxidative stress in the heart. <i>Journal of Molecular and Cellular Cardiology</i> , 2003, 35, 1439-1448.	0.9	101
69	Endothelins in chronic diabetic complications. <i>Canadian Journal of Physiology and Pharmacology</i> , 2003, 81, 622-634.	0.7	75
70	Expression of ferroportin in hemochromatosis liver. <i>Blood Cells, Molecules, and Diseases</i> , 2003, 31, 256-261.	0.6	15
71	Differential activation of NF- κ B and AP-1 in increased fibronectin synthesis in target organs of diabetic complications. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2003, 284, E1089-E1097.	1.8	135
72	Growth Factors in Proliferative Diabetic Retinopathy. <i>Experimental Diabetes Research</i> , 2003, 4, 287-301.	1.0	56

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73	Alteration of Endothelins: A Common Pathogenetic Mechanism in Chronic Diabetic Complications. International Journal of Experimental Diabetes Research, 2002, 3, 217-231.	1.0	13