Xi-Ming Yuan

List of Publications by Year
in descending order

59 papers	2,824 citations	126907 33 h-index	168389 53 g-index
60 all docs	60 docs citations	60 times ranked	3540 citing authors

#	Article	IF	Citations
1	Induction of cell death by the lysosomotropic detergent MSDH. FEBS Letters, 2000, 470, 35-39.	2.8	216
2	Lysosomal destabilization in p53-induced apoptosis. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 6286-6291.	7.1	209
3	Lysosomal destabilization during macrophage damage induced by cholesterol oxidation products. Free Radical Biology and Medicine, 2000, 28, 208-218.	2.9	125
4	Iron in human atheroma and LDL oxidation by macrophages following erythrophagocytosis. Atherosclerosis, 1996, 124, 61-73.	0.8	109
5	Uptake of Oxidized LDL by Macrophages Results in Partial Lysosomal Enzyme Inactivation and Relocation. Arteriosclerosis, Thrombosis, and Vascular Biology, 1998, 18, 177-184.	2.4	108
6	Apoptotic Death of Inflammatory Cells in Human Atheroma. Arteriosclerosis, Thrombosis, and Vascular Biology, 2001, 21, 1124-1130.	2.4	107
7	SPION primes THP1 derived M2 macrophages towards M1-like macrophages. Biochemical and Biophysical Research Communications, 2013, 441, 737-742.	2.1	94
8	Cathepsin L is significantly associated with apoptosis and plaque destabilization in human atherosclerosis. Atherosclerosis, 2009, 202, 92-102.	0.8	81
9	The iron hypothesis of atherosclerosis and its clinical impact. Annals of Medicine, 2003, 35, 578-591.	3.8	75
10	Oxysterol mixtures, in atheroma-relevant proportions, display synergistic and proapoptotic effects. Free Radical Biology and Medicine, 2006, 41, 902-910.	2.9	73
11	Methylmercury and H2O2 provoke lysosomal damage in human astrocytoma D384 cells followed by apoptosis. Free Radical Biology and Medicine, 2001, 30, 1347-1356.	2.9	68
12	Alpha-tocopherol and astaxanthin decrease macrophage infiltration, apoptosis and vulnerability in atheroma of hyperlipidaemic rabbits. Journal of Molecular and Cellular Cardiology, 2004, 37, 969-978.	1.9	68
13	Degradation of superparamagnetic iron oxide nanoparticle-induced ferritin by lysosomal cathepsins and related immune response. Nanomedicine, 2012, 7, 705-717.	3.3	67
14	Effects of Iron- and Hemoglobin-Loaded Human Monocyteâ€"Derived Macrophages on Oxidation and Uptake of LDL. Arteriosclerosis, Thrombosis, and Vascular Biology, 1995, 15, 1345-1351.	2.4	67
15	Autophagy dysfunction and regulatory cystatin C in macrophage death of atherosclerosis. Journal of Cellular and Molecular Medicine, 2016, 20, 1664-1672.	3.6	62
16	3-Aminopropanal, formed during cerebral ischaemia, is a potent lysosomotropic neurotoxin. Biochemical Journal, 2003, 371, 429-436.	3.7	61
17	The toxicity to macrophages of oxidized low-density lipoprotein is mediated through lysosomal damage. Atherosclerosis, 1997, 133, 153-161.	0.8	57
18	Macrophage NCOR1 protects from atherosclerosis by repressing a pro-atherogenic PPARÎ³ signature. European Heart Journal, 2020, 41, 995-1005.	2.2	56

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19	Overexpression of Transferrin Receptor and Ferritin Related to Clinical Symptoms and Destabilization of Human Carotid Plaques. Experimental Biology and Medicine, 2008, 233, 818-826.	2.4	54
20	OxLDL-induced macrophage cytotoxicity is mediated by lysosomal rupture and modified by intralysosomal redox-active iron. Free Radical Research, 1998, 29, 389-398.	3.3	53
21	Secretion of Ferritin by Iron-laden Macrophages and Influence of Lipoproteins. Free Radical Research, 2004, 38, 1133-1142.	3.3	53
22	Lysosomal membrane permeabilization causes oxidative stress and ferritin induction in macrophages. FEBS Letters, 2011, 585, 623-629.	2.8	53
23	Apoptotic macrophage-derived foam cells of human atheromas are rich in iron and ferritin, suggesting iron-catalysed reactions to be involved in apoptosis. Free Radical Research, 1999, 30, 221-231.	3.3	52
24	Increased Expression and Translocation of Lysosomal Cathepsins Contribute to Macrophage Apoptosis in Atherogenesis. Annals of the New York Academy of Sciences, 2004, 1030, 427-433.	3.8	52
25	Abnormal Î²-Catenin and Reduced Axin Expression Are Associated With Poor Differentiation and Progression in Nonâ€"Small Cell Lung Cancer. American Journal of Clinical Pathology, 2006, 125, 534-541.	0.7	48
26	Abnormal Î²-Catenin and Reduced Axin Expression Are Associated With Poor Differentiation and Progression in Non-Small Cell Lung Cancer. American Journal of Clinical Pathology, 2006, 125, 534-541.	0.7	47
27	Carotid Atheroma From Men Has Significantly Higher Levels of Inflammation and Iron Metabolism Enabled by Macrophages. Stroke, 2018, 49, 419-425.	2.0	46
28	Cytocidal effects of atheromatous plaque components: the death zone revisited. FASEB Journal, 2006, 20, 2281-2290.	0.5	45
29	Iron Involvement in Multiple Signaling Pathways of Atherosclerosis: A Revisited Hypothesis. Current Medicinal Chemistry, 2008, 15, 2157-2172.	2.4	45
30	Immunohistochemical and ultrastructural markers suggest different origins for cuboidal and polygonal cells in pulmonary sclerosing hemangioma. Human Pathology, 2004, 35, 503-508.	2.0	42
31	Foam cell death induced by 7Î²-hydroxycholesterol is mediated by labile iron-driven oxidative injury: Mechanisms underlying induction of ferritin in human atheroma. Free Radical Biology and Medicine, 2005, 39, 864-875.	2.9	38
32	Lipid accumulation and lysosomal pathways contribute to dysfunction and apoptosis of human endothelial cells caused by 7-oxysterols. Biochemical and Biophysical Research Communications, 2011, 409, 711-716.	2.1	37
33	Innate immune receptor NOD2 promotes vascular inflammation and formation of lipidâ€rich necrotic cores in hypercholesterolemic mice. European Journal of Immunology, 2014, 44, 3081-3092.	2.9	36
34	Distinctive proteomic profiles among different regions of human carotid plaques in men and women. Scientific Reports, 2016, 6, 26231.	3.3	36
35	Effects of Î±-tocopherol and astaxanthin on LDL oxidation and atherosclerosis in WHHL rabbits. Atherosclerosis, 2004, 173, 231-237.	0.8	35
36	NK cell apoptosis in coronary artery disease. Atherosclerosis, 2008, 199, 65-72.	0.8	33

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37	Autophagy Induction Protects against 7-Oxysterol-induced Cell Death via Lysosomal Pathway and Oxidative Stress. Journal of Cell Death, 2016, 9, JCD.S37841.	0.8	32
38	Reduction of p120^{ctn} isoforms 1 and 3 is significantly associated with metastatic progression of human lung cancer. Apmis, 2007, 115, 848-856.	2.0	27
39	Antioxidants in the prevention of atherosclerosis. Current Opinion in Lipidology, 1996, 7, 374-380.	2.7	21
40	Macrophage Hemoglobin Scavenger Receptor and Ferritin Accumulation in Human Atherosclerotic Lesions. Annals of the New York Academy of Sciences, 2004, 1030, 196-201.	3.8	21
41	X-Radiation Induces Non-Small-Cell Lung Cancer Apoptosis by Upregulation of Axin Expression. International Journal of Radiation Oncology Biology Physics, 2009, 75, 518-526.	0.8	21
42	Test-tube simulated lipofuscinogenesis. Effect of oxidative stress on autophagocytotic degradation. Mechanisms of Ageing and Development, 1995, 81, 37-50.	4.6	20
43	Cell death induced by 7-oxysterols via lysosomal and mitochondrial pathways is p53-dependent. Free Radical Biology and Medicine, 2012, 53, 2054-2061.	2.9	19
44	X-radiation inhibits histone deacetylase 1 and 2, upregulates Axin expression and induces apoptosis in non-small cell lung cancer. Radiation Oncology, 2012, 7, 183.	2.7	19
45	p53 expression in human carotid atheroma is significantly related to plaque instability and clinical manifestations. Atherosclerosis, 2010, 210, 392-399.	0.8	18
46	Exposure to atheroma-relevant 7-oxysterols causes proteomic alterations in cell death, cellular longevity, and lipid metabolism in THP-1 macrophages. PLoS ONE, 2017, 12, e0174475.	2.5	17
47	Macrophage erythrophagocytosis and iron exocytosis. Redox Report, 1996, 2, 9-17.	4.5	16
48	LDL and UVâ€oxidized LDL induce upregulation of iNOS and NO in unstimulated J774 macrophages and HUVEC. Apmis, 2009, 117, 1-9.	2.0	12
49	Proteomics and multivariate modelling reveal sex-specific alterations in distinct regions of human carotid atheroma. Biology of Sex Differences, 2018, 9, 54.	4.1	12
50	Enhanced Expression of Natural Resistance-Associated Macrophage Protein 1 in Atherosclerotic Lesions May Be Associated with Oxidized Lipid-Induced Apoptosis. Annals of the New York Academy of Sciences, 2004, 1030, 202-207.	3.8	11
51	Dimethyl Sulfoxide Prevents 7Î²-Hydroxycholesterol-Induced Apoptosis by Preserving Lysosomes and Mitochondria. Journal of Cardiovascular Pharmacology, 2010, 56, 263-267.	1.9	11
52	Transdifferentiation of neoplastic cells. Medical Hypotheses, 2001, 57, 655-666.	1.5	9
53	CD74 in Apoptotic Macrophages Is Associated with Inflammation, Plaque Progression and Clinical Manifestations in Human Atherosclerotic Lesions. Metabolites, 2022, 12, 54.	2.9	8
54	7Î²-hydroxycholesterol induces natural killer cell death via oxidative lysosomal destabilization. Free Radical Research, 2009, 43, 1072-1079.	3.3	7

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55	Expression of Egr1 and p53 in human carotid plaques and apoptosis induced by 7-oxysterol or p53. Experimental and Toxicologic Pathology, 2013, 65, 677-682.	2.1	7
56	Peptide location fingerprinting identifies species- and tissue-conserved structural remodelling of proteins as a consequence of ageing and disease. Matrix Biology, 2022, 114, 108-137.	3.6	6
57	Shorter time to clinical decision in work-related asthma using a digital tool. ERJ Open Research, 2020, 6, 00259-2020.	2.6	2
58	Proteomic analysis and multivariate modelling reveal gender-specific alterations in distinct regions of human carotid atherosclerosis. Atherosclerosis, 2017, 263, e52.	0.8	0
59	Protease-Activated Receptor 1 in Human Carotid Atheroma Is Significantly Related to Iron Metabolism, Plaque Vulnerability, and the Patientâ€™s Age. International Journal of Molecular Sciences, 2022, 23, 6363.	4.1	0