

# Xi-Ming Yuan

## List of Publications by Year in descending order

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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	CD74 in Apoptotic Macrophages Is Associated with Inflammation, Plaque Progression and Clinical Manifestations in Human Atherosclerotic Lesions. <i>Metabolites</i> , 2022, 12, 54.	2.9	8
2	Peptide location fingerprinting identifies species- and tissue-conserved structural remodelling of proteins as a consequence of ageing and disease. <i>Matrix Biology</i> , 2022, 114, 108-137.	3.6	6
3	Protease-Activated Receptor 1 in Human Carotid Atheroma Is Significantly Related to Iron Metabolism, Plaque Vulnerability, and the Patient's Age. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6363.	4.1	0
4	Macrophage NCOR1 protects from atherosclerosis by repressing a pro-atherogenic PPAR $\alpha$ signature. <i>European Heart Journal</i> , 2020, 41, 995-1005.	2.2	56
5	Shorter time to clinical decision in work-related asthma using a digital tool. <i>ERJ Open Research</i> , 2020, 6, 00259-2020.	2.6	2
6	Carotid Atheroma From Men Has Significantly Higher Levels of Inflammation and Iron Metabolism Enabled by Macrophages. <i>Stroke</i> , 2018, 49, 419-425.	2.0	46
7	Proteomics and multivariate modelling reveal sex-specific alterations in distinct regions of human carotid atheroma. <i>Biology of Sex Differences</i> , 2018, 9, 54.	4.1	12
8	Proteomic analysis and multivariate modelling reveal gender-specific alterations in distinct regions of human carotid atherosclerosis. <i>Atherosclerosis</i> , 2017, 263, e52.	0.8	0
9	Exposure to atheroma-relevant 7-oxysterols causes proteomic alterations in cell death, cellular longevity, and lipid metabolism in THP-1 macrophages. <i>PLoS ONE</i> , 2017, 12, e0174475.	2.5	17
10	Distinctive proteomic profiles among different regions of human carotid plaques in men and women. <i>Scientific Reports</i> , 2016, 6, 26231.	3.3	36
11	Autophagy dysfunction and regulatory cystatin C in macrophage death of atherosclerosis. <i>Journal of Cellular and Molecular Medicine</i> , 2016, 20, 1664-1672.	3.6	62
12	Autophagy Induction Protects against 7-Oxysterol-induced Cell Death via Lysosomal Pathway and Oxidative Stress. <i>Journal of Cell Death</i> , 2016, 9, JCD.S37841.	0.8	32
13	Innate immune receptor NOD2 promotes vascular inflammation and formation of lipid-rich necrotic cores in hypercholesterolemic mice. <i>European Journal of Immunology</i> , 2014, 44, 3081-3092.	2.9	36
14	SPION primes THP1 derived M2 macrophages towards M1-like macrophages. <i>Biochemical and Biophysical Research Communications</i> , 2013, 441, 737-742.	2.1	94
15	Expression of Egr1 and p53 in human carotid plaques and apoptosis induced by 7-oxysterol or p53. <i>Experimental and Toxicologic Pathology</i> , 2013, 65, 677-682.	2.1	7
16	Degradation of superparamagnetic iron oxide nanoparticle-induced ferritin by lysosomal cathepsins and related immune response. <i>Nanomedicine</i> , 2012, 7, 705-717.	3.3	67
17	Cell death induced by 7-oxysterols via lysosomal and mitochondrial pathways is p53-dependent. <i>Free Radical Biology and Medicine</i> , 2012, 53, 2054-2061.	2.9	19
18	X-radiation inhibits histone deacetylase 1 and 2, upregulates Axin expression and induces apoptosis in non-small cell lung cancer. <i>Radiation Oncology</i> , 2012, 7, 183.	2.7	19

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19	Lipid accumulation and lysosomal pathways contribute to dysfunction and apoptosis of human endothelial cells caused by 7-oxysterols. <i>Biochemical and Biophysical Research Communications</i> , 2011, 409, 711-716.	2.1	37
20	Lysosomal membrane permeabilization causes oxidative stress and ferritin induction in macrophages. <i>FEBS Letters</i> , 2011, 585, 623-629.	2.8	53
21	Dimethyl Sulfoxide Prevents $\beta$ -Hydroxycholesterol-Induced Apoptosis by Preserving Lysosomes and Mitochondria. <i>Journal of Cardiovascular Pharmacology</i> , 2010, 56, 263-267.	1.9	11
22	p53 expression in human carotid atheroma is significantly related to plaque instability and clinical manifestations. <i>Atherosclerosis</i> , 2010, 210, 392-399.	0.8	18
23	$\beta$ -hydroxycholesterol induces natural killer cell death via oxidative lysosomal destabilization. <i>Free Radical Research</i> , 2009, 43, 1072-1079.	3.3	7
24	LDL and UV-oxidized LDL induce upregulation of iNOS and NO in unstimulated J774 macrophages and HUVEC. <i>Apmis</i> , 2009, 117, 1-9.	2.0	12
25	X-Radiation Induces Non-Small-Cell Lung Cancer Apoptosis by Upregulation of Axin Expression. <i>International Journal of Radiation Oncology Biology Physics</i> , 2009, 75, 518-526.	0.8	21
26	Cathepsin L is significantly associated with apoptosis and plaque destabilization in human atherosclerosis. <i>Atherosclerosis</i> , 2009, 202, 92-102.	0.8	81
27	NK cell apoptosis in coronary artery disease. <i>Atherosclerosis</i> , 2008, 199, 65-72.	0.8	33
28	Iron Involvement in Multiple Signaling Pathways of Atherosclerosis: A Revisited Hypothesis. <i>Current Medicinal Chemistry</i> , 2008, 15, 2157-2172.	2.4	45
29	Overexpression of Transferrin Receptor and Ferritin Related to Clinical Symptoms and Destabilization of Human Carotid Plaques. <i>Experimental Biology and Medicine</i> , 2008, 233, 818-826.	2.4	54
30	Reduction of p120 <sup>cas</sup> isoforms 1 and 3 is significantly associated with metastatic progression of human lung cancer. <i>Apmis</i> , 2007, 115, 848-856.	2.0	27
31	Oxysterol mixtures, in atheroma-relevant proportions, display synergistic and proapoptotic effects. <i>Free Radical Biology and Medicine</i> , 2006, 41, 902-910.	2.9	73
32	Abnormal $\beta$ -Catenin and Reduced Axin Expression Are Associated With Poor Differentiation and Progression in Non-Small Cell Lung Cancer. <i>American Journal of Clinical Pathology</i> , 2006, 125, 534-541.	0.7	48
33	Cytocidal effects of atheromatous plaque components: the death zone revisited. <i>FASEB Journal</i> , 2006, 20, 2281-2290.	0.5	45
34	Abnormal $\beta$ -Catenin and Reduced Axin Expression Are Associated With Poor Differentiation and Progression in Non-Small Cell Lung Cancer. <i>American Journal of Clinical Pathology</i> , 2006, 125, 534-541.	0.7	47
35	Foam cell death induced by $\beta$ -hydroxycholesterol is mediated by labile iron-driven oxidative injury: Mechanisms underlying induction of ferritin in human atheroma. <i>Free Radical Biology and Medicine</i> , 2005, 39, 864-875.	2.9	38
36	Secretion of Ferritin by Iron-laden Macrophages and Influence of Lipoproteins. <i>Free Radical Research</i> , 2004, 38, 1133-1142.	3.3	53

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37	Macrophage Hemoglobin Scavenger Receptor and Ferritin Accumulation in Human Atherosclerotic Lesions. <i>Annals of the New York Academy of Sciences</i> , 2004, 1030, 196-201.	3.8	21
38	Enhanced Expression of Natural Resistance-Associated Macrophage Protein 1 in Atherosclerotic Lesions May Be Associated with Oxidized Lipid-Induced Apoptosis. <i>Annals of the New York Academy of Sciences</i> , 2004, 1030, 202-207.	3.8	11
39	Increased Expression and Translocation of Lysosomal Cathepsins Contribute to Macrophage Apoptosis in Atherogenesis. <i>Annals of the New York Academy of Sciences</i> , 2004, 1030, 427-433.	3.8	52
40	Alpha-tocopherol and astaxanthin decrease macrophage infiltration, apoptosis and vulnerability in atheroma of hyperlipidaemic rabbits. <i>Journal of Molecular and Cellular Cardiology</i> , 2004, 37, 969-978.	1.9	68
41	Immunohistochemical and ultrastructural markers suggest different origins for cuboidal and polygonal cells in pulmonary sclerosing hemangioma. <i>Human Pathology</i> , 2004, 35, 503-508.	2.0	42
42	Effects of $\alpha$ -tocopherol and astaxanthin on LDL oxidation and atherosclerosis in WHHL rabbits. <i>Atherosclerosis</i> , 2004, 173, 231-237.	0.8	35
43	The iron hypothesis of atherosclerosis and its clinical impact. <i>Annals of Medicine</i> , 2003, 35, 578-591.	3.8	75
44	3-Aminopropanal, formed during cerebral ischaemia, is a potent lysosomotropic neurotoxin. <i>Biochemical Journal</i> , 2003, 371, 429-436.	3.7	61
45	Lysosomal destabilization in p53-induced apoptosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 6286-6291.	7.1	209
46	Transdifferentiation of neoplastic cells. <i>Medical Hypotheses</i> , 2001, 57, 655-666.	1.5	9
47	Methylmercury and H <sub>2</sub> O <sub>2</sub> provoke lysosomal damage in human astrocytoma D384 cells followed by apoptosis. <i>Free Radical Biology and Medicine</i> , 2001, 30, 1347-1356.	2.9	68
48	Apoptotic Death of Inflammatory Cells in Human Atheroma. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2001, 21, 1124-1130.	2.4	107
49	Lysosomal destabilization during macrophage damage induced by cholesterol oxidation products. <i>Free Radical Biology and Medicine</i> , 2000, 28, 208-218.	2.9	125
50	Induction of cell death by the lysosomotropic detergent MSDH. <i>FEBS Letters</i> , 2000, 470, 35-39.	2.8	216
51	Apoptotic macrophage-derived foam cells of human atheromas are rich in iron and ferritin, suggesting iron-catalysed reactions to be involved in apoptosis. <i>Free Radical Research</i> , 1999, 30, 221-231.	3.3	52
52	Uptake of Oxidized LDL by Macrophages Results in Partial Lysosomal Enzyme Inactivation and Relocation. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1998, 18, 177-184.	2.4	108
53	OxLDL-induced macrophage cytotoxicity is mediated by lysosomal rupture and modified by intralysosomal redox-active iron. <i>Free Radical Research</i> , 1998, 29, 389-398.	3.3	53
54	The toxicity to macrophages of oxidized low-density lipoprotein is mediated through lysosomal damage. <i>Atherosclerosis</i> , 1997, 133, 153-161.	0.8	57

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55	Iron in human atheroma and LDL oxidation by macrophages following erythrophagocytosis. <i>Atherosclerosis</i> , 1996, 124, 61-73.	0.8	109
56	Antioxidants in the prevention of atherosclerosis. <i>Current Opinion in Lipidology</i> , 1996, 7, 374-380.	2.7	21
57	Macrophage erythrophagocytosis and iron exocytosis. <i>Redox Report</i> , 1996, 2, 9-17.	4.5	16
58	Test-tube simulated lipofuscinogenesis. Effect of oxidative stress on autophagocytotic degradation. <i>Mechanisms of Ageing and Development</i> , 1995, 81, 37-50.	4.6	20
59	Effects of Iron- and Hemoglobin-Loaded Human Monocyte-Derived Macrophages on Oxidation and Uptake of LDL. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1995, 15, 1345-1351.	2.4	67