

# CITATION REPORT

List of articles citing

**Xanthine oxidase inhibitors for prevention of cardiovascular events: a systematic review and meta-analysis of randomized controlled trials**

**DOI: 10.1186/s12872-018-0757-9**

**BMC Cardiovascular Disorders, 2018, 18, 24.**

**Source:** <https://exaly.com/paper-pdf/71501025/citation-report.pdf>

**Version:** 2024-04-28

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
120	How much allopurinol does it take to get to target urate? Comparison of actual dose with creatinine clearance-based dose. <b>2018</b> , 20, 255		6
119	Pharmacotherapeutic management of gout in patients with cardiac disease. <b>2018</b> , 19, 2011-2018		1
118	[Cardiovascular risk in gout patients : Cardiovascular Safety of Febuxostat or Allopurinol in Participants with Gout and Cardiovascular Comorbidities (CARES)]. <b>2018</b> , 59, 1224-1228		
117	Mounting Evidence Indicates That Escalating Doses of Allopurinol Are Unnecessary for Cardiovascular Protection: Comment on the Article by Coburn et al. <b>2018</b> , 70, 1696-1697		
116	New Perspectives in Rheumatology: Implications of the Cardiovascular Safety of Febuxostat and Allopurinol in Patients With Gout and Cardiovascular Morbidities Trial and the Associated Food and Drug Administration Public Safety Alert. <b>2018</b> , 70, 1702-1709		62
115	Reply. <b>2018</b> , 70, 1697-1698		
114	The net clinical benefits of febuxostat versus allopurinol in patients with gout or asymptomatic hyperuricemia - A systematic review and meta-analysis. <b>2019</b> , 29, 1011-1022		23
113	Cardiovascular Safety of Urate Lowering Therapies. <b>2019</b> , 21, 48		6
112	Cardiovascular Safety of Febuxostat Versus Allopurinol in the Real World: Old Reliable Comes Out on Top. <b>2019</b> , 94, 1128-1130		1
111	Vascular Consequences of Hyperuricemia and Hypouricemia. <b>2019</b> , 45, 453-464		7
110	Gender differences in association between uric acid and all-cause mortality in patients with chronic heart failure. <i>BMC Cardiovascular Disorders</i> , <b>2019</b> , 19, 4	2.3	10
109	Associations of Gout and Baseline Serum Urate Level With Cardiovascular Outcomes: Analysis of the Coronary Disease Cohort Study. <b>2019</b> , 71, 1733-1738		14
108	Shortage of Cellular ATP as a Cause of Diseases and Strategies to Enhance ATP. <b>2019</b> , 10, 98		43
107	Effects of allopurinol and febuxostat on cardiovascular mortality in elderly heart failure patients. <b>2019</b> , 14, 949-956		20
106	Prognostic value of serum uric acid in patients with acute heart failure: A meta-analysis. <b>2019</b> , 98, e14525		17
105	Febuxostat and Cardiovascular Events: A Systematic Review and Meta-Analysis. <b>2019</b> , 2019, 1076189		21
104	Gout and cardiovascular disease: crystallized confusion. <b>2019</b> , 31, 118-124		20

103	Hyperuricaemia and vascular risk: the debate continues. <b>2019</b> , 34, 399-405	9
102	Risk of Acute Myocardial Infarction Among New Users of Allopurinol According to Serum Urate Level: A Nested Case-Control Study. <b>2019</b> , 8,	5
101	Que faire devant une hyperuricémie asymptomatique ?. <b>2019</b> , 86, 139-146	
100	Xanthine Oxidase Inhibition as a Potential Treatment for Aortic Stiffness in Hypertension. <b>2019</b> , 32, 234-236	3
99	The dose-response effects of uric acid on the prevalence of metabolic syndrome and electrocardiographic left ventricular hypertrophy in healthy individuals. <b>2019</b> , 29, 30-38	14
98	Heart Failure in Type 2 Diabetes Mellitus. <b>2019</b> , 124, 121-141	210
97	Xanthine Oxidase Inhibition by Febuxostat in Macrophages Suppresses Angiotensin II-Induced Aortic Fibrosis. <b>2019</b> , 32, 249-256	9
96	How should we manage asymptomatic hyperuricemia?. <b>2019</b> , 86, 437-443	19
95	Comparative cardiovascular risk in users versus non-users of xanthine oxidase inhibitors and febuxostat versus allopurinol users. <b>2020</b> , 59, 2340-2349	25
94	Adverse cardiovascular effects of allopurinol are related to the use of high doses. <b>2020</b> , 38, 176-177	1
93	Endothelial dysfunction in neuroprogressive disorders-causes and suggested treatments. <b>2020</b> , 18, 305	15
92	The TLC-Bioautography as a Tool for Rapid Enzyme Inhibitors detection - A Review. <b>2020</b> , 1-19	5
91	Network Meta-Analysis of Drug Therapies for Lowering Uric Acid and Mortality Risk in Patients with Heart Failure. <b>2021</b> , 35, 1217-1225	1
90	Hyperuricemia, the heart, and the kidneys - to treat or not to treat?. <b>2020</b> , 42, 978-986	9
89	Febuxostat Use and Risks of Cardiovascular Disease Events, Cardiac Death, and All-cause Mortality: Metaanalysis of Randomized Controlled Trials. <b>2021</b> , 48, 1082-1089	0
88	Regulation of Vascular Function and Inflammation via Cross Talk of Reactive Oxygen and Nitrogen Species from Mitochondria or NADPH Oxidase-Implications for Diabetes Progression. <b>2020</b> , 21,	19
87	Serum metabolic characteristics and biomarkers of early-stage heart failure. <b>2020</b> , 14, 119-130	3
86	Drug repurposing in cardiovascular diseases: Opportunity or hopeless dream?. <b>2020</b> , 177, 113894	5

85	Revisiting pharmacology of oxidative stress and endothelial dysfunction in cardiovascular disease: Evidence for redox-based therapies. <b>2020</b> , 157, 15-37	46
84	Pharmacologic Management of Gout in Patients with Cardiovascular Disease and Heart Failure. <b>2020</b> , 20, 431-445	5
83	Cardiovascular events in hyperuricemia population and a cardiovascular benefit-risk assessment of urate-lowering therapies: a systematic review and meta-analysis. <b>2020</b> , 133, 982-993	12
82	Uric Acid and Arterial Stiffness. <b>2020</b> , 16, 39-54	11
81	Pathological Roles of Mitochondrial Oxidative Stress and Mitochondrial Dynamics in Cardiac Microvascular Ischemia/Reperfusion Injury. <b>2020</b> , 10,	51
80	Febuxostat does not delay progression of carotid atherosclerosis in patients with asymptomatic hyperuricemia: A randomized, controlled trial. <b>2020</b> , 17, e1003095	17
79	Effect of uric acid levels on mortality in Japanese peritoneal dialysis patients. <b>2021</b> , 41, 320-327	7
78	Clinical Effects of Xanthine Oxidase Inhibitors in Hyperuricemic Patients. <b>2021</b> , 30, 122-130	28
77	Time-dependent changes in plasma xanthine oxidoreductase during hospitalization of acute heart failure. <b>2021</b> , 8, 595-604	1
76	Meta-Analysis Assessing the Effects of Allopurinol on Left Ventricular Mass and Other Indices of Left Ventricular Remodeling as Evaluated by Cardiac Magnetic Resonance Imaging. <b>2021</b> , 138, 129-132	1
75	Cardiovascular risk in inflammatory arthritis: rheumatoid arthritis and gout. <b>2021</b> , 3, e58-e70	39
74	Long non-coding RNA LUCAT1 inhibits myocardial oxidative stress and apoptosis after myocardial infarction via targeting microRNA-181a-5p. <b>2021</b> , 12, 4546-4555	4
73	Comparative effects of topiroxostat and febuxostat on arterial properties in hypertensive patients with hyperuricemia. <b>2021</b> , 23, 334-344	4
72	Potential natural inhibitors of xanthine oxidase and HMG-CoA reductase in cholesterol regulation: in silico analysis. <b>2021</b> , 21, 1	26
71	Urate, Blood Pressure, and Cardiovascular Disease: Evidence From Mendelian Randomization and Meta-Analysis of Clinical Trials. <b>2021</b> , 77, 383-392	15
70	Discovery of new therapeutic redox targets for cardioprotection against ischemia/reperfusion injury and heart failure. <b>2021</b> , 163, 325-343	15
69	Small-Molecule Inhibitors of Reactive Oxygen Species Production. <b>2021</b> , 64, 5252-5275	9
68	Effect of Uric Acid-Lowering Agents on Patients With Heart Failure: A Systematic Review and Meta-Analysis of Randomised Controlled Trials. <b>2021</b> , 8, 639392	2

67	Allopurinol and cardiovascular events: Time-related biases in observational studies. <b>2021,</b>	1
66	Hyperuricemia and Cardiovascular Risk. <b>2021, 13, e14855</b>	1
65	Recent developments in predicting CYP-independent metabolism. <b>2021, 53, 188-206</b>	1
64	Role of Oxidative Stress in Reperfusion following Myocardial Ischemia and Its Treatments. <b>2021, 2021, 6614009</b>	10
63	Endothelial Dysfunction in Atherosclerotic Cardiovascular Diseases and Beyond: From Mechanism to Pharmacotherapies. <b>2021, 73, 924-967</b>	73
62	Vascular and Cardiac Oxidative Stress and Inflammation as Targets for Cardioprotection. <b>2021, 27, 2112-2130</b>	7
61	Cardiovascular Safety of Febuxostat and Allopurinol in Hyperuricemic Patients With or Without Gout: A Network Meta-Analysis. <b>2021, 8, 698437</b>	3
60	Effectiveness of Allopurinol in Reducing Mortality: Time-Related Biases in Observational Studies. <b>2021, 73, 1749-1757</b>	4
59	Molecular Biological and Clinical Understanding of the Pathophysiology and Treatments of Hyperuricemia and Its Association with Metabolic Syndrome, Cardiovascular Diseases and Chronic Kidney Disease. <b>2021, 22,</b>	20
58	Uricemia in the acute phase of myocardial infarction and its relation to long-term mortality risk. <b>2021, 10, 979-988</b>	
57	Xanthine oxidase inhibitor febuxostat reduces atrial fibrillation susceptibility by inhibition of oxidized CaMKII in Dahl salt-sensitive rats. <b>2021, 135, 2409-2422</b>	2
56	Hyperuricemia in Patients With Coronary Artery Disease and Its Association With Disease Severity. <b>2021, 13, e17161</b>	0
55	Protective Effects of Linn. and Its Bioactive Compounds on Cardiovascular Organs. <b>2021, 12, 725745</b>	2
54	Effects of Hypothermia and Allopurinol on Oxidative Status in a Rat Model of Hypoxic Ischemic Encephalopathy. <b>2021, 10,</b>	0
53	Oxidative stress in genetically triggered thoracic aortic aneurysm: role in pathogenesis and therapeutic opportunities. <b>2021, 26, 45-52</b>	6
52	Therapeutic Strategies for the Treatment of Chronic Hyperuricemia: An Evidence-Based Update. <b>2021, 57,</b>	18
51	Berry-Derived Polyphenols in Cardiovascular Pathologies: Mechanisms of Disease and the Role of Diet and Sex. <b>2021, 13,</b>	3
50	Gout Pharmacotherapy in Cardiovascular Diseases: A Review of Utility and Outcomes. <b>2021, 21, 499-512</b>	6

49	Soluble Uric Acid Promotes Atherosclerosis via AMPK (AMP-Activated Protein Kinase)-Mediated Inflammation. <b>2020</b> , 40, 570-582	33
48	Xanthine oxidase inhibitors in asymptomatic hyperuricemia. <b>2019</b> , 13, 137-142	5
47	Hyperuricemia and Cardiovascular Disease. <b>2019</b> , 25, 700-709	29
46	Frequency of Hyperuricemia and its Risk Factors in the Adult Population. <b>2019</b> , 11, e4198	13
45	Plasma xanthine oxidoreductase is associated with carotid atherosclerosis in stable kidney transplant recipients. <b>2021</b> ,	
44	Free Radicals and Reactive Oxygen Species in Cardiovascular Pathophysiology: An Overview. <b>2019</b> , 403-418	
43	Treatment of gout and hyperuricemia. <b>2019</b> , 21, 212-216	
42	Management of Patients with Asymptomatic Hyperuricemia To Treat or not to Treat?. <b>2019</b> , 25-35	
41	Urate, blood pressure and cardiovascular disease: updated evidence from Mendelian randomization and meta-analysis of clinical trials.	
40	The Impact of Urate-Lowering Therapy in Post-Myocardial Infarction Patients: Insights from a Population-Based, Propensity Score-Matched Analysis. <b>2021</b> ,	0
39	In-Silico Analysis of Secondary Metabolites that Modulates Enzymes of Cholesterol Target.	
38	Hyperuricemia and the Risk of Heart Failure: Pathophysiology and Therapeutic Implications. <b>2021</b> , 12, 770815	4
37	Uric Acid in Inflammation and the Pathogenesis of Atherosclerosis. <b>2021</b> , 22,	10
36	Allopurinol to reduce cardiovascular morbidity and mortality: A systematic review and meta-analysis. <b>2021</b> , 16, e0260844	3
35	Natural Xanthine Oxidase Inhibitor 5--Caffeoylshikimic Acid Ameliorates Kidney Injury Caused by Hyperuricemia in Mice. <b>2021</b> , 26,	0
34	Arterial Hypertension-Oxidative Stress and Inflammation.. <b>2022</b> , 11,	7
33	Reduced Risk of Sepsis and Related Mortality in Chronic Kidney Disease Patients on Xanthine Oxidase Inhibitors: A National Cohort Study.. <b>2021</b> , 8, 818132	
32	Anthracycline-induced atrial structural and electrical remodeling characterizes early cardiotoxicity and contributes to atrial conductive instability and dysfunction.. <b>2022</b> ,	0

31	Pharmacological developments in antihypertensive treatment through nitric oxide–GMP modulation. <b>2022,</b>		1
30	Serum uric acid level and all-cause and cardiovascular mortality in peritoneal dialysis patients: A systematic review and dose-response meta-analysis of cohort studies.. <b>2022,</b> 17, e0264340		2
29	Diabetes mellitus and heart failure: an update on pathophysiology and therapy.. <b>2022,</b>		1
28	Role of ATP-Small Heat Shock Protein Interaction in Human Diseases.. <b>2022,</b> 9, 844826		0
27	Mechanisms and Clinical Implications of Endothelium-dependent Vasomotor Dysfunction in Coronary Microvasculature.. <b>2022,</b>		2
26	U-shaped association of uric acid to overall-cause mortality and its impact on clinical management of hyperuricemia.. <b>2022,</b> 51, 102271		4
25	U-Shaped Association Between Serum Uric Acid Level and Hypertensive Heart Failure: A Genetic Matching Case-Control Study.. <b>2021,</b> 8, 708581		0
24	Synthesis and Antimicrobial, Antiplatelet, and Anticoagulant Activities of New Isatin Deivatives Containing a Hetero-Fused Imidazole Fragment. <b>2022,</b> 58, 327-334		
23	Association between serum urate level and carotid atherosclerosis: an insight from a post hoc analysis of the PRIZE randomised clinical trial.. <b>2022,</b> 8,		0
22	Table_1.XLSX. <b>2019,</b>		
21	Table_2.XLSX. <b>2019,</b>		
20	Table_3.XLSX. <b>2019,</b>		
19	Table_4.XLSX. <b>2019,</b>		
18	Reactive Oxygen Species Scavenging Nanomedicine for The Treatment of Ischemic Heart Disease.. <i>Advanced Materials,</i> <b>2022,</b> e2202169	24	9
17	Roles of selected non-P450 human oxidoreductase enzymes in protective and toxic effects of chemicals: review and compilation of reactions. <i>Archives of Toxicology,</i>	5.8	2
16	Exploring medicinal plants for the development of natural enzyme inhibitors. <b>2022,</b> 671-690		
15	Cardiovascular protection by SGLT2 inhibitors –do anti-inflammatory mechanisms play a role?. <i>Molecular Metabolism,</i> <b>2022,</b> 101549	8.8	1
14	Sex difference in heart failure risk associated with febuxostat and allopurinol in gout patients. 9,		

- 13 Using Metabolomics to Identify the Exposure and Functional Biomarkers of Ginger. **2022**, 70, 12029-12040 ○
- 12 Xanthine oxidase inhibition for cardiovascular disease prevention. **2022**, 400, 1172-1173 ○
- 11 RONS and Oxidative Stress: An Overview of Basic Concepts. **2022**, 2, 437-478 6
- 10 Cardiovascular risk of urate-lowering drugs: A study using the National Database of Health Insurance Claims and Specific Health Checkups of Japan. ○
- 9 Effect of low dose allopurinol on glyceimic control and glyceimic variability in patients with type 2 diabetes mellitus: A cross-sectional study. **2022**, 8, e11549 ○
- 8 Computational study of Piper betle L. phytochemicals by insilico and ADMET analysis for prediction of potential xanthine oxidase inhibitory activity. ○
- 7 Impact of Allopurinol on early and one-year outcomes of patients with ST-elevation myocardial infarction undergoing primary percutaneous coronary intervention: A randomized controlled trial. ○
- 6 In silico discovery of antioxidant peptides from the sea grass *Posidonia australis*. **2023**, 197-213 ○
- 5 Pharmacometabolomics for the Study of Lipid-Lowering Therapies: Opportunities and Challenges. **2023**, 24, 3291 ○
- 4 U-shaped association of serum uric acid with cardiovascular disease risk scores and the modifying role of sex among Chinese adults. **2023**, ○
- 3 Novel Reversible Inhibitors of Xanthine Oxidase Targeting the Active Site of the Enzyme. **2023**, 12, 825 ○
- 2 Advances in pharmacotherapies for hyperuricemia. **2023**, 24, 737-745 ○
- 1 Xanthine oxidase inhibition and cardiovascular protection: Don't shoot in the dark. **2023**, ○