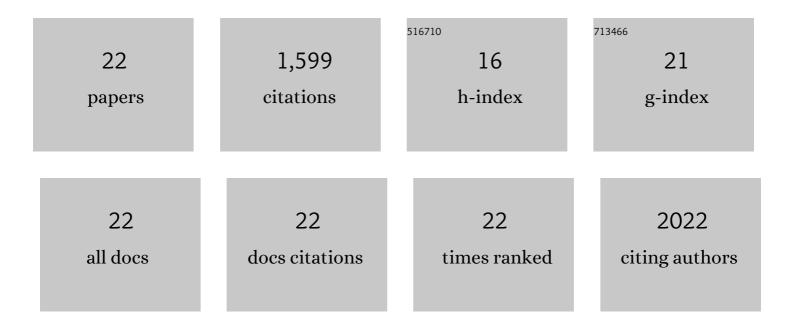
Martin D Rees

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/4102355/publications.pdf Version: 2024-02-01



MADTIN D REES

#	Article	IF	CITATIONS
1	Mammalian Heme Peroxidases: From Molecular Mechanisms to Health Implications. Antioxidants and Redox Signaling, 2008, 10, 1199-1234.	5.4	490
2	Oxidative damage to extracellular matrix and its role in human pathologies. Free Radical Biology and Medicine, 2008, 44, 1973-2001.	2.9	167
3	Urate as a Physiological Substrate for Myeloperoxidase. Journal of Biological Chemistry, 2011, 286, 12901-12911.	3.4	109
4	Hypochlorite and superoxide radicals can act synergistically to induce fragmentation of hyaluronan and chondroitin sulphates. Biochemical Journal, 2004, 381, 175-184.	3.7	92
5	Heparan Sulfate-Dependent Signaling of Fibroblast Growth Factor 18 by Chondrocyte-Derived Perlecan. Biochemistry, 2010, 49, 5524-5532.	2.5	92
6	Hypochlorite-Mediated Fragmentation of Hyaluronan, Chondroitin Sulfates, and RelatedN-Acetyl Glycosamines:Â Evidence for Chloramide Intermediates, Free Radical Transfer Reactions, and Site-Specific Fragmentation. Journal of the American Chemical Society, 2003, 125, 13719-13733.	13.7	86
7	Inhibition of myeloperoxidase-mediated hypochlorous acid production by nitroxides. Biochemical Journal, 2009, 421, 79-86.	3.7	71
8	Acetaminophen (paracetamol) inhibits myeloperoxidase-catalyzed oxidant production and biological damage at therapeutically achievable concentrations. Biochemical Pharmacology, 2010, 79, 1156-1164.	4.4	59
9	Myeloperoxidase-derived oxidants selectively disrupt the protein core of the heparan sulfate proteoglycan perlecan. Matrix Biology, 2010, 29, 63-73.	3.6	54
10	Oxidation of heparan sulphate by hypochlorite: role of N-chloro derivatives and dichloramine-dependent fragmentation. Biochemical Journal, 2005, 391, 125-134.	3.7	53
11	Human Indoleamine 2,3-Dioxygenase Is a Catalyst of Physiological Heme Peroxidase Reactions. Journal of Biological Chemistry, 2013, 288, 1548-1567.	3.4	48
12	Heparan Sulfate Degradation via Reductive Homolysis of Its N-Chloro Derivatives. Journal of the American Chemical Society, 2006, 128, 3085-3097.	13.7	44
13	Superoxide radicals can act synergistically with hypochlorite to induce damage to proteins. FEBS Letters, 2002, 510, 41-44.	2.8	42
14	Peroxynitrite modifies the structure and function of the extracellular matrix proteoglycan perlecan by reaction with both the protein core and the heparan sulfate chains. Free Radical Biology and Medicine, 2010, 49, 282-293.	2.9	41
15	Degradation of extracellular matrix and its components by hypobromous acid. Biochemical Journal, 2007, 401, 587-596.	3.7	38
16	Myeloperoxidase: A versatile mediator of endothelial dysfunction and therapeutic target during cardiovascular disease. , 2021, 221, 107711.		38
17	Targeted subendothelial matrix oxidation by myeloperoxidase triggers myosin II-dependent de-adhesion and alters signaling in endothelial cells. Free Radical Biology and Medicine, 2012, 53, 2344-2356.	2.9	30
18	Regulation of the nitric oxide oxidase activity of myeloperoxidase by pharmacological agents. Biochemical Pharmacology, 2017, 135, 90-115.	4.4	17

MARTIN D REES

#	Article	IF	CITATIONS
19	Mechanism and regulation of peroxidase-catalyzed nitric oxide consumption in physiological fluids: Critical protective actions of ascorbate and thiocyanate. Free Radical Biology and Medicine, 2014, 72, 91-103.	2.9	15
20	Recombinant heparan sulfate for use in tissue engineering applications. Journal of Chemical Technology and Biotechnology, 2008, 83, 496-504.	3.2	8
21	Polyamine-Conjugated Nitroxides Are Efficacious Inhibitors of Oxidative Reactions Catalyzed by Endothelial-Localized Myeloperoxidase. Chemical Research in Toxicology, 2021, 34, 1681-1692.	3.3	3
22	Using Cell-substrate Impedance and Live Cell Imaging to Measure Real-time Changes in Cellular Adhesion and De-adhesion Induced by Matrix Modification. Journal of Visualized Experiments, 2015, , .	0.3	2