Maria Wallert

List of Publications by Year
in descending order

19	725	623734	794594
papers	citations	14 h-index	19 g-index

19	19	19	997
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Complexity of vitamin E metabolism. World Journal of Biological Chemistry, 2016, 7, 14.	4.3	157
2	Endogenous metabolites of vitamin E limit inflammation by targeting 5-lipoxygenase. Nature Communications, 2018, 9, 3834.	12.8	101
3	Regulatory metabolites of vitamin E and their putative relevance for atherogenesis. Redox Biology, 2014, 2, 495-503.	9.0	75
4	Long-chain metabolites of Î±-tocopherol occur in human serum and inhibit macrophage foam cell formation in vitro. Free Radical Biology and Medicine, 2014, 68, 43-51.	2.9	54
5	Î±â€Tocopherol longâ€chain metabolite Î±â€13â€™â€COOH affects the inflammatory response of lipopolysaccharideâ€activated murine RAW264.7 macrophages. Molecular Nutrition and Food Research, 2015, 59, 1524-1534.	3.3	53
6	Optimized incubation regime for nitric oxide measurements in murine macrophages using the Griess assay. Journal of Immunological Methods, 2017, 449, 68-70.	1.4	51
7	Human serum determination and in vitro anti-inflammatory activity of the vitamin E metabolite Î±-(13'-hydroxy)-6-hydroxychroman. Free Radical Biology and Medicine, 2015, 89, 952-962.	2.9	37
8	The vitamin E derivative garcinoic acid from Garcinia kola nut seeds attenuates the inflammatory response. Redox Biology, 2019, 24, 101166.	9.0	27
9	Inflammatory Diseases and Vitamin Eâ€"What Do We Know and Where Do We Go?. Molecular Nutrition and Food Research, 2021, 65, e2000097.	3.3	27
10	Raman imaging of macrophages incubated with triglyceride-enriched oxLDL visualizes translocation of lipids between endocytic vesicles and lipid droplets. Journal of Lipid Research, 2017, 58, 876-883.	4.2	24
11	Structureâ€"Function Relationship Studies In Vitro Reveal Distinct and Specific Effects of Longâ€Chain Metabolites of Vitamin E. Molecular Nutrition and Food Research, 2017, 61, 1700562.	3.3	21
12	Olive Oil Extracts and Oleic Acid Attenuate the LPS-Induced Inflammatory Response in Murine RAW264.7 Macrophages but Induce the Release of Prostaglandin E2. Nutrients, 2021, 13, 4437.	4.1	20
13	The Peroxisome Proliferatorâ€"Activated Receptor (PPAR)-Î³Antagonist 2-Chloro-5-Nitro-N-Phenylbenzamide (GW9662) Triggers Perilipin 2 Expression via PPARÎ´and Induces Lipogenesis and Triglyceride Accumulation in Human THP-1 Macrophages. Molecular Pharmacology, 2020, 97, 212-225.	2.3	19
14	Long-chain metabolites of vitamin E: Interference with lipotoxicity via lipid droplet associated protein PLIN2. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2018, 1863, 919-927.	2.4	15
15	Diversity of Chromanol and Chromenol Structures and Functions: An Emerging Class of Anti-Inflammatory and Anti-Carcinogenic Agents. Frontiers in Pharmacology, 2020, 11, 362.	3.5	13
16	Thermo-responsive cell culture carrier: Effects on macrophage functionality and detachment efficiency. Journal of Tissue Engineering, 2017, 8, 204173141772642.	5.5	10
17	Recruitment of CD16 + monocytes to endothelial cells in response to LPS-treatment and concomitant TNF release is regulated by CX3CR1 and interfered by soluble fractalkine. Cytokine, 2016, 83, 41-52.	3.2	8
18	In Vitro Digested Nut Oils Attenuate the Lipopolysaccharide-Induced Inflammatory Response in Macrophages. Nutrients, 2019, 11, 503.	4.1	7

#	Article	IF	Citations
19	Regulation of inflammatory pathways by an a-tocopherol long-chain metabolite and a d-tocotrienol-related natural compound.. Free Radical Biology and Medicine, 2014, 75, S48.	2.9	6