Maria Febbraio

List of Publications by Year
in descending order

41 papers	4,622 citations	257450 24 h-index	276875 41 g-index
42 all docs	42 docs citations	42 times ranked	6689 citing authors

#	Article	IF	Citations
1	CD36, a Scavenger Receptor Involved in Immunity, Metabolism, Angiogenesis, and Behavior. Science Signaling, 2009, 2, re3.	3.6	862
2	A Null Mutation in Murine CD36 Reveals an Important Role in Fatty Acid and Lipoprotein Metabolism. Journal of Biological Chemistry, 1999, 274, 19055-19062.	3.4	680
3	Platelet CD36 links hyperlipidemia, oxidant stress and a prothrombotic phenotype. Nature Medicine, 2007, 13, 1086-1095.	30.7	420
4	Macrophage scavenger receptor CD36 is the major receptor for LDL modified by monocyte-generated reactive nitrogen species. Journal of Clinical Investigation, 2000, 105, 1095-1108.	8.2	371
5	A Novel Family of Atherogenic Oxidized Phospholipids Promotes Macrophage Foam Cell Formation via the Scavenger Receptor CD36 and Is Enriched in Atherosclerotic Lesions. Journal of Biological Chemistry, 2002, 277, 38517-38523.	3.4	333
6	Hepatocyte-Specific Disruption of CD36 Attenuates Fatty Liver and Improves Insulin Sensitivity in HFD-Fed Mice. Endocrinology, 2016, 157, 570-585.	2.8	318
7	A Consensus Definitive Classification of Scavenger Receptors and Their Roles in Health and Disease. Journal of Immunology, 2017, 198, 3775-3789.	0.8	261
8	Suppressing fatty acid uptake has therapeutic effects in preclinical models of prostate cancer. Science Translational Medicine, 2019, 11, .	12.4	210
9	A CD36-dependent pathway enhances macrophage and adipose tissue inflammation and impairs insulin signalling. Cardiovascular Research, 2011, 89, 604-613.	3.8	158
10	CD36-Mediated Metabolic Rewiring of Breast Cancer Cells Promotes Resistance to HER2-Targeted Therapies. Cell Reports, 2019, 29, 3405-3420.e5.	6.4	104
11	CD36 deficiency in mice impairs lipoprotein lipase-mediated triglyceride clearance. Journal of Lipid Research, 2005, 46, 2175-2181.	4.2	78
12	Akt3 Deficiency in Macrophages Promotes Foam Cell Formation and Atherosclerosis in Mice. Cell Metabolism, 2012, 15, 861-872.	16.2	69
13	Dependence of Brown Adipose Tissue Function on CD36-Mediated Coenzyme Q Uptake. Cell Reports, 2015, 10, 505-515.	6.4	67
14	Cardiomyocyte-specific ablation of CD36 improves post-ischemic functional recovery. Journal of Molecular and Cellular Cardiology, 2013, 63, 180-188.	1.9	63
15	The Macrophage Phagocytic Receptor CD36 Promotes Fibrogenic Pathways on Removal of Apoptotic Cells during Chronic Kidney Injury. American Journal of Pathology, 2015, 185, 2232-2245.	3.8	59
16	CD36 is important for adipocyte recruitment and affects lipolysis. Obesity, 2013, 21, 2037-2045.	3.0	55
17	Dietary Cholesterol Plays a Role in CD36-Mediated Atherogenesis in LDLR-Knockout Mice. Arteriosclerosis, Thrombosis, and Vascular Biology, 2009, 29, 1481-1487.	2.4	53
18	Macrophage-produced VEGFC is induced by efferocytosis to ameliorate cardiac injury and inflammation. Journal of Clinical Investigation, 2022, 132, .	8.2	51

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19	Cardiomyocyte-specific ablation of CD36 accelerates the progression from compensated cardiac hypertrophy to heart failure. American Journal of Physiology - Heart and Circulatory Physiology, 2017, 312, H552-H560.	3.2	39
20	Thrombospondin-1 promotes hemostasis through modulation of cAMP signaling in blood platelets. Blood, 2021, 137, 678-689.	1.4	39
21	CD36/SR-B2-TLR2 Dependent Pathways Enhance Porphyromonas gingivalis Mediated Atherosclerosis in the Ldlr KO Mouse Model. PLoS ONE, 2015, 10, e0125126.	2.5	37
22	CD36 Is Essential for Regulation of the Host Innate Response to Staphylococcus aureus Î±-Toxinâ€“Mediated Dermonecrosis. Journal of Immunology, 2015, 195, 2294-2302.	0.8	37
23	CD36 Enhances Vascular Smooth Muscle Cell Proliferation and Development of Neointimal Hyperplasia. Arteriosclerosis, Thrombosis, and Vascular Biology, 2019, 39, 263-275.	2.4	35
24	Fatty acid mobilization from adipose tissue is mediated by CD36 posttranslational modifications and intracellular trafficking. JCI Insight, 2021, 6, .	5.0	34
25	Atherogenic lipid stress induces platelet hyperactivity through CD36-mediated hyposensitivity to prostacyclin: the role of phosphodiesterase 3A. Haematologica, 2020, 105, 808-819.	3.5	22
26	CD36 mediates albumin transcytosis by dermal but not lung microvascular endothelial cells: role in fatty acid delivery. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2019, 316, L740-L750.	2.9	21
27	CD36 receptor regulates malaria-induced immune responses primarily at early blood stage infection contributing to parasitemia control and resistance to mortality. Journal of Biological Chemistry, 2017, 292, 9394-9408.	3.4	17
28	Adiponectin has a pivotal role in the cardioprotective effect of CPâ€ƒ(iv), a selective CD36 azapeptide ligand, after transient coronary artery occlusion in mice. FASEB Journal, 2018, 32, 807-818.	0.5	16
29	Immunometabolic modulation of retinal inflammation by CD36 ligand. Scientific Reports, 2019, 9, 12903.	3.3	16
30	Is There a Causal Link Between Periodontitis and Cardiovascular Disease? A Concise Review of Recent Findings. International Dental Journal, 2022, 72, 37-51.	2.6	15
31	Dyslipidemia-associated atherogenic oxidized lipids induce platelet hyperactivity through phospholipase CÎ³2-dependent reactive oxygen species generation. Platelets, 2019, 30, 467-472.	2.3	13
32	A peptide coating preventing the attachment of Porphyromonas gingivalis on the surfaces of dental implants. Journal of Periodontal Research, 2020, 55, 503-510.	2.7	12
33	Endothelial Cell CD36 Reduces Atherosclerosis and Controls Systemic Metabolism. Frontiers in Cardiovascular Medicine, 2021, 8, 768481.	2.4	11
34	CD36 Deficiency Inhibits Retinal Inflammation and Retinal Degeneration in Cx3cr1 Knockout Mice. Frontiers in Immunology, 2019, 10, 3032.	4.8	9
35	Impact of a CD36 inhibitor on Porphyromonas gingivalis mediated atherosclerosis. Archives of Oral Biology, 2021, 126, 105129.	1.8	8
36	Circulating CD36 is increased in hyperlipidemic mice: Cellular sources and triggers of release. Free Radical Biology and Medicine, 2021, 168, 180-188.	2.9	7

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37	Atheroprotective and atheroregressive potential of azapeptide derivatives of GHRP-6 as selective CD36 ligands in apolipoprotein E-deficient mice. Atherosclerosis, 2020, 307, 52-62.	0.8	6
38	Loricrin downregulation and epithelialâ€related disorders: a systematic review. JDDG - Journal of the German Society of Dermatology, 2019, 17, 1227-1238.	0.8	5
39	Absence of CD36 alters systemic vitamin A homeostasis. Scientific Reports, 2020, 10, 20386.	3.3	5
40	Implications of X-ray beam profiles on qualitative and quantitative synchrotron micro-focus X-ray fluorescence microscopy. Journal of Synchrotron Radiation, 2018, 25, 1719-1726.	2.4	3
41	A 2-plane micro-computed tomographic alveolar bone measurement approach in mice. Imaging Science in Dentistry, 2021, 51, 389.	1.8	3