

Manoj Kumar Barthwal

List of Publications by Year in descending order

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papers

796
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516710

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citing authors

#	ARTICLE	IF	CITATIONS
1	FOXO3a acetylation regulates PINK1, mitophagy, inflammasome activation in murine palmitate-conditioned and diabetic macrophages. <i>Journal of Leukocyte Biology</i> , 2022, 111, 611-627.	3.3	18
2	Galectin-3 S-glutathionylation regulates its effect on adipocyte insulin signaling. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2022, 1869, 119234.	4.1	1
3	Standardized fraction of <i>Xylocarpus moluccensis</i> inhibits inflammation by modulating MAPK-NF κ B and ROS-HIF1 α -PKM2 activation. <i>Inflammation Research</i> , 2022, 71, 423-437.	4.0	3
4	Expression of inducible NOS is indispensable for the antiproliferative and proapoptotic effect of imatinib in BCR α -ABL positive cells. <i>Journal of Leukocyte Biology</i> , 2021, 110, 853-866.	3.3	1
5	Macrophage p47phox regulates pressure overload-induced left ventricular remodeling by modulating IL-4/STAT6/PPAR γ signaling. <i>Free Radical Biology and Medicine</i> , 2021, 168, 168-179.	2.9	4
6	nNOS induction and NOSIP interaction impact granulopoiesis and neutrophil differentiation by modulating nitric oxide generation. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2021, 1868, 119018.	4.1	9
7	MicroRNA-99a: a potential double-edged sword targeting macrophage inflammation and metabolism. <i>Cellular and Molecular Immunology</i> , 2021, 18, 2290-2292.	10.5	4
8	Pyroptotic and apoptotic cell death in iNOS and nNOS overexpressing K562 cells: A mechanistic insight. <i>Biochemical Pharmacology</i> , 2020, 176, 113779.	4.4	9
9	Lin28B Regulates Angiotensin II-Mediated Let-7c/miR-99a MicroRNA Formation Consequently Affecting Macrophage Polarization and Allergic Inflammation. <i>Inflammation</i> , 2020, 43, 1846-1861.	3.8	14
10	Role of pyruvate kinase M2 in oxidized LDL-induced macrophage foam cell formation and inflammation. <i>Journal of Lipid Research</i> , 2020, 61, 351-364.	4.2	29
11	Standardized <i>Xylocarpus moluccensis</i> fruit fraction mitigates collagen-induced arthritis in mice by regulating immune response. <i>Journal of Pharmacy and Pharmacology</i> , 2020, 72, 619-632.	2.4	1
12	Non-coding RNAs: Regulators of valvular calcification. <i>Journal of Molecular and Cellular Cardiology</i> , 2020, 142, 14-23.	1.9	10
13	MicroRNA-99a mimics inhibit M1 macrophage phenotype and adipose tissue inflammation by targeting TNF α . <i>Cellular and Molecular Immunology</i> , 2019, 16, 495-507.	10.5	59
14	Augmentation of iNOS expression in myeloid progenitor cells expedites neutrophil differentiation. <i>Journal of Leukocyte Biology</i> , 2019, 106, 397-412.	3.3	9
15	Anti-thrombotic efficacy of S007-867: Pre-clinical evaluation in experimental models of thrombosis in vivo and in vitro. <i>Biochemical Pharmacology</i> , 2018, 148, 288-297.	4.4	10
16	Cilostazol ameliorates heart failure with preserved ejection fraction and diastolic dysfunction in obese and non-obese hypertensive mice. <i>Journal of Molecular and Cellular Cardiology</i> , 2018, 123, 46-57.	1.9	27
17	IRAK regulates macrophage foam cell formation by modulating genes involved in cholesterol uptake and efflux. <i>BioEssays</i> , 2016, 38, 591-604.	2.5	16
18	Coagulin-L ameliorates TLR4 induced oxidative damage and immune response by regulating mitochondria and NOX-derived ROS. <i>Toxicology and Applied Pharmacology</i> , 2016, 309, 87-100.	2.8	19

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19	High oxidative stress adversely affects NF κ B mediated induction of inducible nitric oxide synthase in human neutrophils: Implications in chronic myeloid leukemia. Nitric Oxide - Biology and Chemistry, 2016, 58, 28-41.	2.7	27
20	Oxidized LDL induced extracellular trap formation in human neutrophils via TLR-PKC-IRAK-MAPK and NADPH-oxidase activation. Free Radical Biology and Medicine, 2016, 93, 190-203.	2.9	119
21	Gingerol Inhibits Serum-Induced Vascular Smooth Muscle Cell Proliferation and Injury-Induced Neointimal Hyperplasia by Suppressing p38 MAPK Activation. Journal of Cardiovascular Pharmacology and Therapeutics, 2016, 21, 187-200.	2.0	16
22	Curcuma oil attenuates accelerated atherosclerosis and macrophage foam-cell formation by modulating genes involved in plaque stability, lipid homeostasis and inflammation. British Journal of Nutrition, 2015, 113, 100-113.	2.3	30
23	Involvement of Interleukin-1 Receptor-Associated Kinase-1 in Vascular Smooth Muscle Cell Proliferation and Neointimal Formation After Rat Carotid Injury. Arteriosclerosis, Thrombosis, and Vascular Biology, 2015, 35, 1445-1455.	2.4	28
24	Turmerone enriched standardized Curcuma longa extract alleviates LPS induced inflammation and cytokine production by regulating TLR4-IRAK1-ROS-MAPK-NF κ B axis. Journal of Functional Foods, 2015, 3.4 16, 152-163.		21
25	Curcuma oil ameliorates insulin resistance & associated thrombotic complications in hamster & rat. Indian Journal of Medical Research, 2015, 141, 823.	1.0	12
26	Interaction of Inducible Nitric Oxide Synthase with Rac2 Regulates Reactive Oxygen and Nitrogen Species Generation in the Human Neutrophil Phagosomes: Implication in Microbial Killing. Antioxidants and Redox Signaling, 2014, 20, 417-431.	5.4	56
27	Silymarin ameliorates fructose induced insulin resistance syndrome by reducing de novo hepatic lipogenesis in the rat. European Journal of Pharmacology, 2014, 727, 15-28.	3.5	44
28	PKC-IRAK1 axis regulates oxidized LDL-induced IL-1 β production in monocytes. Journal of Lipid Research, 2014, 55, 1226-1244.	4.2	28
29	Curcuma oil ameliorates hyperlipidaemia and associated deleterious effects in golden Syrian hamsters. British Journal of Nutrition, 2013, 110, 437-446.	2.3	40
30	Synthesis and Pharmacological Evaluation of Novel Arginine Analogs as Potential Inhibitors of Acetylcholine-Induced Relaxation in Rat Thoracic Aortic Rings. Chemical Biology and Drug Design, 2012, 79, 459-469.	3.2	13
31	Atorvastatin Protects against Ischemia-Reperfusion Injury in Fructose-Induced Insulin Resistant Rats. Cardiovascular Drugs and Therapy, 2011, 25, 285-297.	2.6	24
32	A time course study on prothrombotic parameters and their modulation by anti-platelet drugs in hyperlipidemic hamsters. Journal of Physiology and Biochemistry, 2011, 67, 205-216.	3.0	10
33	IL-1R-Associated Kinase-1 Mediates Protein Kinase C-Induced IL-1 β Production in Monocytes. Journal of Immunology, 2011, 187, 2632-2645.	0.8	41
34	Cdk2 nitrosylation and loss of mitochondrial potential mediate NO-dependent biphasic effect on HL-60 cell cycle. Free Radical Biology and Medicine, 2010, 48, 851-861.	2.9	43
35	Biphasic regulation of cell cycle by nitric oxide donors in promyelocytic HL-60 cell line. FASEB Journal, 2009, 23, 890.11.	0.5	0
36	Nitric oxide dependent increase in free radical generation mediates release of extracellular traps from human neutrophils. FASEB Journal, 2009, 23, 890.10.	0.5	1

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37	Nitric oxide synthesis in neutrophil precursor cells and effect of nitric oxide modulators on their maturation. FASEB Journal, 2008, 22, 749.5.	0.5	0
38	New Insight into the NO-mediated Signaling to Modulate Neutrophil Free Radical Generation. FASEB Journal, 2007, 21, A623.	0.5	0