

Gopal K Marathe

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2406747/publications.pdf>

Version: 2024-02-01

51
papers

2,625
citations

218592

26
h-index

206029

48
g-index

53
all docs

53
docs citations

53
times ranked

3381
citing authors

#	ARTICLE	IF	CITATIONS
1	An Updated Review of Lysophosphatidylcholine Metabolism in Human Diseases. International Journal of Molecular Sciences, 2019, 20, 1149.	1.8	433
2	Lysophosphatidic Acid Induces Neointima Formation Through PPAR β Activation. Journal of Experimental Medicine, 2004, 199, 763-774.	4.2	190
3	Inflammatory Platelet-activating Factor-like Phospholipids in Oxidized Low Density Lipoproteins Are Fragmented Alkyl Phosphatidylcholines. Journal of Biological Chemistry, 1999, 274, 28395-28404.	1.6	169
4	Platelet-activating Factor Acetylhydrolase, and Not Paraoxonase-1, Is the Oxidized Phospholipid Hydrolase of High Density Lipoprotein Particles. Journal of Biological Chemistry, 2003, 278, 3937-3947.	1.6	160
5	Low-Density Lipoprotein in Hypercholesterolemic Human Plasma Induces Vascular Endothelial Cell Apoptosis by Inhibiting Fibroblast Growth Factor 2 Transcription. Circulation, 2003, 107, 2102-2108.	1.6	147
6	Lipopolysaccharide Is a Direct Agonist for Platelet RNA Splicing. Journal of Immunology, 2008, 181, 3495-3502.	0.4	112
7	Bioactive phospholipid oxidation products. Free Radical Biology and Medicine, 2000, 28, 1762-1770.	1.3	98
8	Ultraviolet B Radiation Generates Platelet-activating Factor-like Phospholipids underlying Cutaneous Damage. Journal of Biological Chemistry, 2005, 280, 35448-35457.	1.6	96
9	Cyclooxygenase-2 Is Induced in Monocytes by Peroxisome Proliferator Activated Receptor β and Oxidized Alkyl Phospholipids from Oxidized Low Density Lipoprotein. Journal of Biological Chemistry, 2002, 277, 13029-13036.	1.6	94
10	Endotoxins Stimulate Neutrophil Adhesion Followed by Synthesis and Release of Platelet-activating Factor in Microparticles. Journal of Biological Chemistry, 2003, 278, 33161-33168.	1.6	86
11	Activated Polymorphonuclear Leukocytes Rapidly Synthesize Retinoic Acid Receptor- α . Journal of Experimental Medicine, 2004, 200, 671-680.	4.2	78
12	Monocyte Chemoattractant Protein-1 and 5-Lipoxygenase Products Recruit Leukocytes in Response to Platelet-Activating Factor-Like Lipids in Oxidized Low-Density Lipoprotein. Journal of Immunology, 2002, 168, 4112-4120.	0.4	77
13	Activation of vascular cells by PAF-like lipids in oxidized LDL. Vascular Pharmacology, 2002, 38, 193-200.	1.0	60
14	Phospholipase Action of Platelet-activating Factor Acetylhydrolase, but Not Paraoxonase-1, on Long Fatty Acyl Chain Phospholipid Hydroperoxides. Journal of Biological Chemistry, 2007, 282, 100-108.	1.6	60
15	Ultraviolet B Radiation Generated Platelet-Activating Factor Receptor Agonist Formation Involves EGF-R-Mediated Reactive Oxygen Species. Journal of Immunology, 2009, 182, 2842-2848.	0.4	53
16	Sepsis: in search of cure. Inflammation Research, 2016, 65, 587-602.	1.6	51
17	Lysophosphatidylcholine and lyso-PAF display PAF-like activity derived from contaminating phospholipids. Journal of Lipid Research, 2001, 42, 1430-1437.	2.0	51
18	Synthesis and xanthine oxidase inhibitory activity of 7-methyl-2-(phenoxymethyl)-5H-[1,3,4]thiadiazolo[3,2-a]pyrimidin-5-one derivatives. Bioorganic and Medicinal Chemistry, 2011, 19, 211-220.	1.4	49

#	ARTICLE	IF	CITATIONS
19	Intracellular PAF catabolism by PAF acetylhydrolase counteracts continual PAF synthesis. <i>Journal of Lipid Research</i> , 2007, 48, 2365-2376.	2.0	44
20	Oxidatively Truncated Phospholipids Are Required Agents of Tumor Necrosis Factor $\hat{\pm}$ (TNF $\hat{\pm}$)-induced Apoptosis. <i>Journal of Biological Chemistry</i> , 2012, 287, 17693-17705.	1.6	42
21	Temporal correlation of measurements of airway hyperresponsiveness in ovalbumin-sensitized mice. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2002, 283, L219-L233.	1.3	40
22	Intracellular Erythrocyte Platelet-activating Factor Acetylhydrolase I Inactivates Aspirin in Blood. <i>Journal of Biological Chemistry</i> , 2011, 286, 34820-34829.	1.6	39
23	Oxidized glycerophosphocholines as biologically active mediators for ultraviolet radiation-mediated effects. <i>Prostaglandins and Other Lipid Mediators</i> , 2008, 87, 1-8.	1.0	37
24	Circulating Platelet-Activating Factor Is Primarily Cleared by Transport, Not Intravascular Hydrolysis by Lipoprotein-Associated Phospholipase A ₂ / PAF Acetylhydrolase. <i>Circulation Research</i> , 2011, 108, 469-477.	2.0	37
25	Synergism Between Platelet-Activating Factor-Like Phospholipids and Peroxisome Proliferator-Activated Receptor $\hat{3}$ Agonists Generated During Low Density Lipoprotein Oxidation That Induces Lipid Body Formation in Leukocytes. <i>Journal of Immunology</i> , 2003, 171, 2090-2098.	0.4	35
26	Aspirin Hydrolysis in Plasma Is a Variable Function of Butyrylcholinesterase and Platelet-activating Factor Acetylhydrolase 1b2 (PAFAH1b2). <i>Journal of Biological Chemistry</i> , 2013, 288, 11940-11948.	1.6	34
27	Inhibition of hyaluronidase by N-acetyl cysteine and glutathione: Role of thiol group in hyaluronan protection. <i>International Journal of Biological Macromolecules</i> , 2013, 55, 39-46.	3.6	26
28	Aspartic protease from <i>Aspergillus niger</i> : Molecular characterization and interaction with pepstatin A. <i>International Journal of Biological Macromolecules</i> , 2019, 139, 199-212.	3.6	24
29	What we know about plant arginases?. <i>Plant Physiology and Biochemistry</i> , 2020, 156, 600-610.	2.8	24
30	Modulation of inflammatory platelet-activating factor (PAF) receptor by the acyl analogue of PAF. <i>Journal of Lipid Research</i> , 2018, 59, 2063-2074.	2.0	22
31	PAF-acetylhydrolase expressed during megakaryocyte differentiation inactivates PAF-like lipids. <i>Blood</i> , 2009, 113, 6699-6706.	0.6	21
32	Enhanced Sphingomyelinase Activity Contributes to the Apoptotic Capacity of Electronegative Low-Density Lipoprotein. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 1032-1040.	2.9	19
33	<i>Escherichia coli</i> Braun Lipoprotein (BLP) exhibits endotoxemia " like pathology in Swiss albino mice. <i>Scientific Reports</i> , 2016, 6, 34666.	1.6	17
34	p38 MAP-kinase inhibitor protects against platelet-activating factor-induced death in mice. <i>Free Radical Biology and Medicine</i> , 2019, 143, 275-287.	1.3	15
35	Acute phase protein, $\hat{\pm}$ " 1- acid glycoprotein (AGP-1), has differential effects on TLR-2 and TLR-4 mediated responses. <i>Immunobiology</i> , 2019, 224, 672-680.	0.8	12
36	Lipopolysaccharide Cross-Tolerance Delays Platelet-Activating Factor-Induced Sudden Death in Swiss Albino Mice: Involvement of Cyclooxygenase in Cross-Tolerance. <i>PLoS ONE</i> , 2016, 11, e0153282.	1.1	12

#	ARTICLE	IF	CITATIONS
37	Effect of acyl and alkyl analogs of platelet-activating factor on inflammatory signaling. Prostaglandins and Other Lipid Mediators, 2020, 151, 106478.	1.0	9
38	Bacterial lipoproteins in sepsis. Immunobiology, 2021, 226, 152128.	0.8	9
39	Biochemical and functional characterization of an atypical plant l-arginase from Cilantro (Coriandrum sativum L.). International Journal of Biological Macromolecules, 2018, 118, 844-856.	3.6	8
40	Different glycoforms of alpha-1-acid glycoprotein contribute to its functional alterations in platelets and neutrophils. Journal of Leukocyte Biology, 2021, 109, 915-930.	1.5	8
41	Mediation by prostaglandins of the stimulatory effect of substance P on cyclic AMP production in dog iris sphincter smooth muscle. Biochemical Pharmacology, 1996, 52, 1261-1269.	2.0	7
42	Impairment of Endothelium-Dependent Aorta Relaxation by Phospholipid Components of Oxidized Low-Density Lipoprotein. Endothelium: Journal of Endothelial Cell Research, 2006, 13, 1-8.	1.7	5
43	Pituitary gonadotropins regulate spermatogonial differentiation and proliferation in the rat. Journal of Biosciences, 1996, 21, 81-92.	0.5	4
44	Reversible cross-tolerance to platelet-activating factor signaling by bacterial toxins. Platelets, 2020, 32, 1-8.	1.1	3
45	Ultrastructural Features of Sperm Storage Tubules in the Oviduct of the Indian Garden Lizard, <i>Calotes Versicolor</i> . Anatomical Record, 2015, 298, 1932-1937.	0.8	2
46	PAF is a potent pyrogen and cryogen in rodents, but it does not mediate thermoregulatory responses to bacterial endotoxin. Temperature, 2015, 2, 449-450.	1.6	2
47	Proteinaceous sperm motility inhibitory factor from the female Indian garden lizard <i>Calotes versicolor</i> . Reproduction, Fertility and Development, 2018, 30, 744.	0.1	1
48	Aspartic protease-pepstatin A interactions: Structural insights on the thermal inactivation mechanism. Biochimie, 2021, 189, 26-39.	1.3	1
49	Production of oxygen free radicals by Ehrlich ascites tumour cells: effect of lipids. Mediators of Inflammation, 1993, 2, 53-57.	1.4	0
50	Partial Purification and Biochemical Characterization of Horse Gram Arginase. International Journal of Pharma and Bio Sciences, 2021, 11, 68-78.	0.1	0
51	Partial Purification and Biochemical Characterization of Horse Gram Arginase. International Journal of Pharma and Bio Sciences, 2021, 11, 68-78.	0.1	0