

# Gopal K Marathe

## List of Publications by Year in descending order

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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	Different glycoforms of alpha-1-acid glycoprotein contribute to its functional alterations in platelets and neutrophils. <i>Journal of Leukocyte Biology</i> , 2021, 109, 915-930.	1.5	8
2	Partial Purification and Biochemical Characterization of Horse Gram Arginase. <i>International Journal of Pharma and Bio Sciences</i> , 2021, 11, 68-78.	0.1	0
3	Partial Purification and Biochemical Characterization of Horse Gram Arginase. <i>International Journal of Pharma and Bio Sciences</i> , 2021, 11, 68-78.	0.1	0
4	Bacterial lipoproteins in sepsis. <i>Immunobiology</i> , 2021, 226, 152128.	0.8	9
5	Aspartic protease-pepstatin A interactions: Structural insights on the thermal inactivation mechanism. <i>Biochimie</i> , 2021, 189, 26-39.	1.3	1
6	What we know about plant arginases?. <i>Plant Physiology and Biochemistry</i> , 2020, 156, 600-610.	2.8	24
7	Effect of acyl and alkyl analogs of platelet-activating factor on inflammatory signaling. <i>Prostaglandins and Other Lipid Mediators</i> , 2020, 151, 106478.	1.0	9
8	Reversible cross-tolerance to platelet-activating factor signaling by bacterial toxins. <i>Platelets</i> , 2020, 32, 1-8.	1.1	3
9	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
10	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
11	Acute phase protein, $\alpha_1$ -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
12	An Updated Review of Lysophosphatidylcholine Metabolism in Human Diseases. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1149.	1.8	433
13	Biochemical and functional characterization of an atypical plant l-arginase from Cilantro ( <i>Coriandrum sativum</i> L.). <i>International Journal of Biological Macromolecules</i> , 2018, 118, 844-856.	3.6	8
14	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
15	Proteinaceous sperm motility inhibitory factor from the female Indian garden lizard <i>Calotes versicolor</i> . <i>Reproduction, Fertility and Development</i> , 2018, 30, 744.	0.1	1
16	<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
17	Sepsis: in search of cure. <i>Inflammation Research</i> , 2016, 65, 587-602.	1.6	51
18	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

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19	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
20	Ultrastructural Features of Sperm Storage Tubules in the Oviduct of the Indian Garden Lizard, <i>Calotes Versicolor</i> . <i>Anatomical Record</i> , 2015, 298, 1932-1937.	0.8	2
21	PAF is a potent pyrogen and cryogen in rodents, but it does not mediate thermoregulatory responses to bacterial endotoxin. <i>Temperature</i> , 2015, 2, 449-450.	1.6	2
22	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
23	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
24	Oxidatively Truncated Phospholipids Are Required Agents of Tumor Necrosis Factor $\alpha$ (TNF $\alpha$ )-induced Apoptosis. <i>Journal of Biological Chemistry</i> , 2012, 287, 17693-17705.	1.6	42
25	Synthesis and xanthine oxidase inhibitory activity of 7-methyl-2-(phenoxyethyl)-5H-[1,3,4]thiadiazolo[3,2-a]pyrimidin-5-one derivatives. <i>Bioorganic and Medicinal Chemistry</i> , 2011, 19, 211-220.	1.4	49
26	Intracellular Erythrocyte Platelet-activating Factor Acetylhydrolase I Inactivates Aspirin in Blood. <i>Journal of Biological Chemistry</i> , 2011, 286, 34820-34829.	1.6	39
27	Circulating Platelet-Activating Factor Is Primarily Cleared by Transport, Not Intravascular Hydrolysis by Lipoprotein-Associated Phospholipase A <sub>2</sub> / PAF Acetylhydrolase. <i>Circulation Research</i> , 2011, 108, 469-477.	2.0	37
28	Ultraviolet B Radiation Generated Platelet-Activating Factor Receptor Agonist Formation Involves EGF-R-Mediated Reactive Oxygen Species. <i>Journal of Immunology</i> , 2009, 182, 2842-2848.	0.4	53
29	PAF-acetylhydrolase expressed during megakaryocyte differentiation inactivates PAF-like lipids. <i>Blood</i> , 2009, 113, 6699-6706.	0.6	21
30	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
31	Lipopolysaccharide Is a Direct Agonist for Platelet RNA Splicing. <i>Journal of Immunology</i> , 2008, 181, 3495-3502.	0.4	112
32	Intracellular PAF catabolism by PAF acetylhydrolase counteracts continual PAF synthesis. <i>Journal of Lipid Research</i> , 2007, 48, 2365-2376.	2.0	44
33	Phospholipase Action of Platelet-activating Factor Acetylhydrolase, but Not Paraoxonase-1, on Long Fatty Acyl Chain Phospholipid Hydroperoxides. <i>Journal of Biological Chemistry</i> , 2007, 282, 100-108.	1.6	60
34	Impairment of Endothelium-Dependent Aorta Relaxation by Phospholipid Components of Oxidized Low-Density Lipoprotein. <i>Endothelium: Journal of Endothelial Cell Research</i> , 2006, 13, 1-8.	1.7	5
35	Ultraviolet B Radiation Generates Platelet-activating Factor-like Phospholipids underlying Cutaneous Damage. <i>Journal of Biological Chemistry</i> , 2005, 280, 35448-35457.	1.6	96
36	Lysophosphatidic Acid Induces Neointima Formation Through PPAR $\beta$ Activation. <i>Journal of Experimental Medicine</i> , 2004, 199, 763-774.	4.2	190

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37	Activated Polymorphonuclear Leukocytes Rapidly Synthesize Retinoic Acid Receptor- $\beta$ . Journal of Experimental Medicine, 2004, 200, 671-680.	4.2	78
38	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
39	Synergism Between Platelet-Activating Factor-Like Phospholipids and Peroxisome Proliferator-Activated Receptor $\beta$ Agonists Generated During Low Density Lipoprotein Oxidation That Induces Lipid Body Formation in Leukocytes. Journal of Immunology, 2003, 171, 2090-2098.	0.4	35
40	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
41	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
42	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
43	Cyclooxygenase-2 Is Induced in Monocytes by Peroxisome Proliferator Activated Receptor $\beta$ and Oxidized Alkyl Phospholipids from Oxidized Low Density Lipoprotein. Journal of Biological Chemistry, 2002, 277, 13029-13036.	1.6	94
44	Temporal correlation of measurements of airway hyperresponsiveness in ovalbumin-sensitized mice. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2002, 283, L219-L233.	1.3	40
45	Activation of vascular cells by PAF-like lipids in oxidized LDL. Vascular Pharmacology, 2002, 38, 193-200.	1.0	60
46	Lysophosphatidylcholine and lyso-PAF display PAF-like activity derived from contaminating phospholipids. Journal of Lipid Research, 2001, 42, 1430-1437.	2.0	51
47	Bioactive phospholipid oxidation products. Free Radical Biology and Medicine, 2000, 28, 1762-1770.	1.3	98
48	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
49	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
50	Pituitary gonadotropins regulate spermatogonial differentiation and proliferation in the rat. Journal of Biosciences, 1996, 21, 81-92.	0.5	4
51	Production of oxygen free radicals by Ehrlich ascites tumour cells: effect of lipids. Mediators of Inflammation, 1993, 2, 53-57.	1.4	0