

Abishek V Iyer

List of Publications by Year in descending order

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42
papers

2,476
citations

185998

28
h-index

276539

41
g-index

43
all docs

43
docs citations

43
times ranked

4439
citing authors

#	ARTICLE	IF	CITATIONS
1	High-carbohydrate High-fat Diet-induced Metabolic Syndrome and Cardiovascular Remodeling in Rats. <i>Journal of Cardiovascular Pharmacology</i> , 2011, 57, 51-64.	0.8	348
2	Inflammatory lipid mediators in adipocyte function and obesity. <i>Nature Reviews Endocrinology</i> , 2010, 6, 71-82.	4.3	240
3	High-carbohydrate, High-fat Diet-induced Metabolic Syndrome and Cardiovascular Remodeling in Rats: Erratum. <i>Journal of Cardiovascular Pharmacology</i> , 2011, 57, 610.	0.8	128
4	Antifibrotic activity of an inhibitor of histone deacetylases in DOCA-salt hypertensive rats. <i>British Journal of Pharmacology</i> , 2010, 159, 1408-1417.	2.7	118
5	C5aR and C3aR antagonists each inhibit diet-induced obesity, metabolic dysfunction, and adipocyte and macrophage signaling. <i>FASEB Journal</i> , 2013, 27, 822-831.	0.2	112
6	Lysine acetylation in obesity, diabetes and metabolic disease. <i>Immunology and Cell Biology</i> , 2012, 90, 39-46.	1.0	101
7	Histone deacetylases in monocyte/macrophage development, activation and metabolism: refining HDAC targets for inflammatory and infectious diseases. <i>Clinical and Translational Immunology</i> , 2016, 5, e62.	1.7	96
8	Diet-induced obesity, adipose inflammation, and metabolic dysfunction correlating with PAR2 expression are attenuated by PAR2 antagonism. <i>FASEB Journal</i> , 2013, 27, 4757-4767.	0.2	93
9	Histone Deacetylase 7 Promotes Toll-like Receptor 4-dependent Proinflammatory Gene Expression in Macrophages. <i>Journal of Biological Chemistry</i> , 2013, 288, 25362-25374.	1.6	81
10	The DOCA-Salt Hypertensive Rat as a Model of Cardiovascular Oxidative and Inflammatory Stress. <i>Current Cardiology Reviews</i> , 2010, 6, 291-297.	0.6	75
11	Resveratrol Improves Cardiovascular Function in DOCA-Salt Hypertensive Rats. <i>Current Pharmaceutical Biotechnology</i> , 2011, 12, 429-436.	0.9	74
12	Inflammatory Responses Induced by Lipopolysaccharide Are Amplified in Primary Human Monocytes but Suppressed in Macrophages by Complement Protein C5a. <i>Journal of Immunology</i> , 2013, 191, 4308-4316.	0.4	70
13	The Cardiovascular Nutraceutical Pharmacology of Resveratrol: Pharmacokinetics, Molecular Mechanisms and Therapeutic Potential. <i>Current Medicinal Chemistry</i> , 2010, 17, 2442-2455.	1.2	69
14	Crystal Structures of Protein-Bound Cyclic Peptides. <i>Chemical Reviews</i> , 2019, 119, 9861-9914.	23.0	65
15	Lysine Deacetylases and Regulated Glycolysis in Macrophages. <i>Trends in Immunology</i> , 2018, 39, 473-488.	2.9	61
16	Pharmacological Inhibition of Soluble Epoxide Hydrolase Ameliorates Diet-Induced Metabolic Syndrome in Rats. <i>Experimental Diabetes Research</i> , 2012, 2012, 1-11.	3.8	58
17	Class IIa Histone Deacetylases Drive Toll-like Receptor-Inducible Glycolysis and Macrophage Inflammatory Responses via Pyruvate Kinase M2. <i>Cell Reports</i> , 2020, 30, 2712-2728.e8.	2.9	51
18	Histone Deacetylase Inhibitors Promote Mitochondrial Reactive Oxygen Species Production and Bacterial Clearance by Human Macrophages. <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 1521-1529.	1.4	48

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19	An Inhibitor of Phospholipase A2 Group IIA Modulates Adipocyte Signaling and Protects Against Diet-Induced Metabolic Syndrome in Rats. <i>Diabetes</i> , 2012, 61, 2320-2329.	0.3	47
20	Towards Isozyme-Selective HDAC Inhibitors For Interrogating Disease. <i>Current Topics in Medicinal Chemistry</i> , 2012, 12, 1479-1499.	1.0	44
21	Differential Anti-inflammatory Activity of HDAC Inhibitors in Human Macrophages and Rat Arthritis. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2016, 356, 387-396.	1.3	41
22	An mRNA atlas of G protein-coupled receptor expression during primary human monocyte/macrophage differentiation and lipopolysaccharide-mediated activation identifies targetable candidate regulators of inflammation. <i>Immunobiology</i> , 2013, 218, 1345-1353.	0.8	40
23	Evaluation of the chronic complications of diabetes in a high fructose diet in rats. <i>Indian Journal of Biochemistry and Biophysics</i> , 2009, 46, 66-72.	0.2	39
24	Cardiovascular Changes During Maturation and Ageing in Male and Female Spontaneously Hypertensive Rats. <i>Journal of Cardiovascular Pharmacology</i> , 2011, 57, 469-478.	0.8	33
25	Inhibition of Inflammation and Fibrosis by a Complement C5a Receptor Antagonist in DOCA-Salt Hypertensive Rats. <i>Journal of Cardiovascular Pharmacology</i> , 2011, 58, 479-486.	0.8	33
26	Potential health benefits of Indian spices in the symptoms of the metabolic syndrome: a review. <i>Indian Journal of Biochemistry and Biophysics</i> , 2009, 46, 467-81.	0.2	33
27	An HDAC6 Inhibitor Confers Protection and Selectively Inhibits B-Cell Infiltration in DSS-Induced Colitis in Mice. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2017, 360, 140-151.	1.3	30
28	Exploiting a novel conformational switch to control innate immunity mediated by complement protein C3a. <i>Nature Communications</i> , 2017, 8, 351.	5.8	30
29	Fermented Wheat Germ Extract (AveMar) in the Treatment of Cardiac Remodeling and Metabolic Symptoms in Rats. <i>Evidence-based Complementary and Alternative Medicine</i> , 2011, 2011, 1-10.	0.5	29
30	L-Carnitine Attenuates Cardiac Remodelling rather than Vascular Remodelling in Deoxycorticosterone Acetate-Salt Hypertensive Rats. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2010, 106, 296-301.	1.2	27
31	Emerging Roles for G-protein Coupled Receptors in Development and Activation of Macrophages. <i>Frontiers in Immunology</i> , 2019, 10, 2031.	2.2	23
32	Inhibitors of class I histone deacetylases attenuate thioacetamide-induced liver fibrosis in mice by suppressing hepatic type 2 inflammation. <i>British Journal of Pharmacology</i> , 2019, 176, 3775-3790.	2.7	21
33	Nutrient and immune sensing are obligate pathways in metabolism, immunity, and disease. <i>FASEB Journal</i> , 2015, 29, 3612-3625.	0.2	20
34	Gender Differences in Metabolic Syndrome – A Key Research Issue. <i>Endocrine, Metabolic and Immune Disorders - Drug Targets</i> , 2011, 11, 182-188.	0.6	18
35	A Regenerative Antioxidant Protocol of Vitamin E and α -Lipoic Acid Ameliorates Cardiovascular and Metabolic Changes in Fructose-Fed Rats. <i>Evidence-based Complementary and Alternative Medicine</i> , 2011, 2011, 1-8.	0.5	17
36	Potent Thiophene Antagonists of Human Complement C3a Receptor with Anti-Inflammatory Activity. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 529-541.	2.9	16

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37	Green Tea Attenuates Cardiovascular Remodeling and Metabolic Symptoms in High Carbohydrate-Fed Rats. <i>Current Pharmaceutical Biotechnology</i> , 2010, 11, 881-886.	0.9	14
38	Lipid mediators and inflammation in glucose intolerance and insulin resistance. <i>Drug Discovery Today Disease Mechanisms</i> , 2010, 7, e191-e197.	0.8	12
39	Mineralocorticoid Receptors Mediate Cardiac Remodelling in Morphine-Dependent Rats. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2012, 111, 75-80.	1.2	9
40	Chemical Approaches to Modulating Complement-Mediated Diseases. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 3253-3276.	2.9	7
41	Is mycophenolate more than just an immunosuppressant?--An overview. <i>Indian Journal of Biochemistry and Biophysics</i> , 2009, 46, 25-30.	0.2	5
42	Temporal perturbation of histone deacetylase activity reveals a requirement for HDAC1 ³ in mesendoderm cell differentiation. <i>Cell Reports</i> , 2022, 39, 110818.	2.9	0