

Abishek V Iyer

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

42
papers

1,994
citations

25
h-index

43
g-index

43
ext. papers

2,250
ext. citations

6.9
avg, IF

4.61
L-index

#	Paper	IF	Citations
42	Temporal perturbation of histone deacetylase activity reveals a requirement for HDAC1-3 in mesendoderm cell differentiation.. <i>Cell Reports</i> , 2022 , 39, 110818	10.6	
41	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	10.6	25
40	Potent Thiophene Antagonists of Human Complement C3a Receptor with Anti-Inflammatory Activity. <i>Journal of Medicinal Chemistry</i> , 2020 , 63, 529-541	8.3	12
39	Emerging Roles for G-protein Coupled Receptors in Development and Activation of Macrophages. <i>Frontiers in Immunology</i> , 2019 , 10, 2031	8.4	11
38	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	8.6	13
37	Crystal Structures of Protein-Bound Cyclic Peptides. <i>Chemical Reviews</i> , 2019 , 119, 9861-9914	68.1	36
36	Lysine Deacetylases and Regulated Glycolysis in Macrophages. <i>Trends in Immunology</i> , 2018 , 39, 473-488	14.4	37
35	Chemical Approaches to Modulating Complement-Mediated Diseases. <i>Journal of Medicinal Chemistry</i> , 2018 , 61, 3253-3276	8.3	4
34	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	4.7	21
33	Exploiting a novel conformational switch to control innate immunity mediated by complement protein C3a. <i>Nature Communications</i> , 2017 , 8, 351	17.4	23
32	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	6.8	71
31	Differential Anti-inflammatory Activity of HDAC Inhibitors in Human Macrophages and Rat Arthritis. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2016 , 356, 387-96	4.7	35
30	Nutrient and immune sensing are obligate pathways in metabolism, immunity, and disease. <i>FASEB Journal</i> , 2015 , 29, 3612-25	0.9	19
29	Histone Deacetylase Inhibitors Promote Mitochondrial Reactive Oxygen Species Production and Bacterial Clearance by Human Macrophages. <i>Antimicrobial Agents and Chemotherapy</i> , 2015 , 60, 1521-9	5.9	33
28	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, 1345-53	3.4	33
27	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, 4308-16	5.3	60
26	C5aR and C3aR antagonists each inhibit diet-induced obesity, metabolic dysfunction, and adipocyte and macrophage signaling. <i>FASEB Journal</i> , 2013 , 27, 822-31	0.9	88

25	Diet-induced obesity, adipose inflammation, and metabolic dysfunction correlating with PAR2 expression are attenuated by PAR2 antagonism. <i>FASEB Journal</i> , 2013 , 27, 4757-67	0.9	77
24	Histone deacetylase 7 promotes Toll-like receptor 4-dependent proinflammatory gene expression in macrophages. <i>Journal of Biological Chemistry</i> , 2013 , 288, 25362-25374	5.4	61
23	Mineralocorticoid receptors mediate cardiac remodelling in morphine-dependent rats. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2012 , 111, 75-80	3.1	9
22	Lysine acetylation in obesity, diabetes and metabolic disease. <i>Immunology and Cell Biology</i> , 2012 , 90, 39-46	5	85
21	Pharmacological inhibition of soluble epoxide hydrolase ameliorates diet-induced metabolic syndrome in rats. <i>Experimental Diabetes Research</i> , 2012 , 2012, 758614		51
20	An inhibitor of phospholipase A2 group IIA modulates adipocyte signaling and protects against diet-induced metabolic syndrome in rats. <i>Diabetes</i> , 2012 , 61, 2320-9	0.9	44
19	Towards isozyme-selective HDAC inhibitors for interrogating disease. <i>Current Topics in Medicinal Chemistry</i> , 2012 , 12, 1479-99	3	37
18	High-carbohydrate high-fat diet-induced metabolic syndrome and cardiovascular remodeling in rats. <i>Journal of Cardiovascular Pharmacology</i> , 2011 , 57, 51-64	3.1	275
17	Cardiovascular changes during maturation and ageing in male and female spontaneously hypertensive rats. <i>Journal of Cardiovascular Pharmacology</i> , 2011 , 57, 469-78	3.1	26
16	Inhibition of inflammation and fibrosis by a complement C5a receptor antagonist in DOCA-salt hypertensive rats. <i>Journal of Cardiovascular Pharmacology</i> , 2011 , 58, 479-86	3.1	30
15	Gender differences in metabolic syndrome: a key research issue?. <i>Endocrine, Metabolic and Immune Disorders - Drug Targets</i> , 2011 , 11, 182-8	2.2	14
14	Resveratrol improves cardiovascular function in DOCA-salt hypertensive rats. <i>Current Pharmaceutical Biotechnology</i> , 2011 , 12, 429-36	2.6	65
13	High-carbohydrate, high-fat diet-induced metabolic syndrome and cardiovascular remodeling in rats. <i>Journal of Cardiovascular Pharmacology</i> , 2011 , 57, 611-24	3.1	108
12	A Regenerative Antioxidant Protocol of Vitamin E and Lipoic Acid Ameliorates Cardiovascular and Metabolic Changes in Fructose-Fed Rats. <i>Evidence-based Complementary and Alternative Medicine</i> , 2011 , 2011, 120801	2.3	15
11	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, 508957	2.3	22
10	Antifibrotic activity of an inhibitor of histone deacetylases in DOCA-salt hypertensive rats. <i>British Journal of Pharmacology</i> , 2010 , 159, 1408-17	8.6	100
9	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	3.1	24
8	The Cardiovascular Nutraceutical Pharmacology of Resveratrol: Pharmacokinetics, Molecular Mechanisms and Therapeutic Potential. <i>Current Medicinal Chemistry</i> , 2010 , 17, 2442-55	4.3	62

7	Inflammatory lipid mediators in adipocyte function and obesity. <i>Nature Reviews Endocrinology</i> , 2010 , 6, 71-82	15.2	209
6	Lipid mediators and inflammation in glucose intolerance and insulin resistance. <i>Drug Discovery Today Disease Mechanisms</i> , 2010 , 7, e191-e197		11
5	Green tea attenuates cardiovascular remodelling and metabolic symptoms in high carbohydrate-fed rats. <i>Current Pharmaceutical Biotechnology</i> , 2010 , 11, 881-6	2.6	13
4	The DOCA-Salt Hypertensive Rat as a Model of Cardiovascular Oxidative and Inflammatory Stress. <i>Current Cardiology Reviews</i> , 2010 , 6, 291-7	2.4	65
3	Is mycophenolate more than just an immunosuppressant?--An overview. <i>Indian Journal of Biochemistry and Biophysics</i> , 2009 , 46, 25-30		4
2	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		36
1	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		30