

# Abishek V Iyer

## List of Publications by Citations

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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	High-carbohydrate high-fat diet-induced metabolic syndrome and cardiovascular remodeling in rats. <i>Journal of Cardiovascular Pharmacology</i> , <b>2011</b> , 57, 51-64	3.1	275
41	Inflammatory lipid mediators in adipocyte function and obesity. <i>Nature Reviews Endocrinology</i> , <b>2010</b> , 6, 71-82	15.2	209
40	High-carbohydrate, high-fat diet-induced metabolic syndrome and cardiovascular remodeling in rats. <i>Journal of Cardiovascular Pharmacology</i> , <b>2011</b> , 57, 611-24	3.1	108
39	Antifibrotic activity of an inhibitor of histone deacetylases in DOCA-salt hypertensive rats. <i>British Journal of Pharmacology</i> , <b>2010</b> , 159, 1408-17	8.6	100
38	C5aR and C3aR antagonists each inhibit diet-induced obesity, metabolic dysfunction, and adipocyte and macrophage signaling. <i>FASEB Journal</i> , <b>2013</b> , 27, 822-31	0.9	88
37	Lysine acetylation in obesity, diabetes and metabolic disease. <i>Immunology and Cell Biology</i> , <b>2012</b> , 90, 39-46	5	85
36	Diet-induced obesity, adipose inflammation, and metabolic dysfunction correlating with PAR2 expression are attenuated by PAR2 antagonism. <i>FASEB Journal</i> , <b>2013</b> , 27, 4757-67	0.9	77
35	Histone deacetylases in monocyte/macrophage development, activation and metabolism: refining HDAC targets for inflammatory and infectious diseases. <i>Clinical and Translational Immunology</i> , <b>2016</b> , 5, e62	6.8	71
34	Resveratrol improves cardiovascular function in DOCA-salt hypertensive rats. <i>Current Pharmaceutical Biotechnology</i> , <b>2011</b> , 12, 429-36	2.6	65
33	The DOCA-Salt Hypertensive Rat as a Model of Cardiovascular Oxidative and Inflammatory Stress. <i>Current Cardiology Reviews</i> , <b>2010</b> , 6, 291-7	2.4	65
32	The Cardiovascular Nutraceutical Pharmacology of Resveratrol: Pharmacokinetics, Molecular Mechanisms and Therapeutic Potential. <i>Current Medicinal Chemistry</i> , <b>2010</b> , 17, 2442-55	4.3	62
31	Histone deacetylase 7 promotes Toll-like receptor 4-dependent proinflammatory gene expression in macrophages. <i>Journal of Biological Chemistry</i> , <b>2013</b> , 288, 25362-25374	5.4	61
30	Inflammatory responses induced by lipopolysaccharide are amplified in primary human monocytes but suppressed in macrophages by complement protein C5a. <i>Journal of Immunology</i> , <b>2013</b> , 191, 4308-16	5.3	60
29	Pharmacological inhibition of soluble epoxide hydrolase ameliorates diet-induced metabolic syndrome in rats. <i>Experimental Diabetes Research</i> , <b>2012</b> , 2012, 758614		51
28	An inhibitor of phospholipase A2 group IIA modulates adipocyte signaling and protects against diet-induced metabolic syndrome in rats. <i>Diabetes</i> , <b>2012</b> , 61, 2320-9	0.9	44
27	Lysine Deacetylases and Regulated Glycolysis in Macrophages. <i>Trends in Immunology</i> , <b>2018</b> , 39, 473-488	14.4	37
26	Towards isozyme-selective HDAC inhibitors for interrogating disease. <i>Current Topics in Medicinal Chemistry</i> , <b>2012</b> , 12, 1479-99	3	37

25	Crystal Structures of Protein-Bound Cyclic Peptides. <i>Chemical Reviews</i> , <b>2019</b> , 119, 9861-9914	68.1	36
24	Evaluation of the chronic complications of diabetes in a high fructose diet in rats. <i>Indian Journal of Biochemistry and Biophysics</i> , <b>2009</b> , 46, 66-72		36
23	Differential Anti-inflammatory Activity of HDAC Inhibitors in Human Macrophages and Rat Arthritis. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>2016</b> , 356, 387-96	4.7	35
22	Histone Deacetylase Inhibitors Promote Mitochondrial Reactive Oxygen Species Production and Bacterial Clearance by Human Macrophages. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2015</b> , 60, 1521-9	5.9	33
21	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> , <b>2013</b> , 218, 1345-53	3.4	33
20	Inhibition of inflammation and fibrosis by a complement C5a receptor antagonist in DOCA-salt hypertensive rats. <i>Journal of Cardiovascular Pharmacology</i> , <b>2011</b> , 58, 479-86	3.1	30
19	Potential health benefits of Indian spices in the symptoms of the metabolic syndrome: a review. <i>Indian Journal of Biochemistry and Biophysics</i> , <b>2009</b> , 46, 467-81		30
18	Cardiovascular changes during maturation and ageing in male and female spontaneously hypertensive rats. <i>Journal of Cardiovascular Pharmacology</i> , <b>2011</b> , 57, 469-78	3.1	26
17	Class IIa Histone Deacetylases Drive Toll-like Receptor-Inducible Glycolysis and Macrophage Inflammatory Responses via Pyruvate Kinase M2. <i>Cell Reports</i> , <b>2020</b> , 30, 2712-2728.e8	10.6	25
16	L-carnitine attenuates cardiac remodelling rather than vascular remodelling in deoxycorticosterone acetate-salt hypertensive rats. <i>Basic and Clinical Pharmacology and Toxicology</i> , <b>2010</b> , 106, 296-301	3.1	24
15	Exploiting a novel conformational switch to control innate immunity mediated by complement protein C3a. <i>Nature Communications</i> , <b>2017</b> , 8, 351	17.4	23
14	Fermented wheat germ extract (avemar) in the treatment of cardiac remodeling and metabolic symptoms in rats. <i>Evidence-based Complementary and Alternative Medicine</i> , <b>2011</b> , 2011, 508957	2.3	22
13	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> , <b>2017</b> , 360, 140-151	4.7	21
12	Nutrient and immune sensing are obligate pathways in metabolism, immunity, and disease. <i>FASEB Journal</i> , <b>2015</b> , 29, 3612-25	0.9	19
11	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> , <b>2011</b> , 2011, 120801	2.3	15
10	Gender differences in metabolic syndrome: a key research issue?. <i>Endocrine, Metabolic and Immune Disorders - Drug Targets</i> , <b>2011</b> , 11, 182-8	2.2	14
9	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> , <b>2019</b> , 176, 3775-3790	8.6	13
8	Green tea attenuates cardiovascular remodelling and metabolic symptoms in high carbohydrate-fed rats. <i>Current Pharmaceutical Biotechnology</i> , <b>2010</b> , 11, 881-6	2.6	13

7	Potent Thiophene Antagonists of Human Complement C3a Receptor with Anti-Inflammatory Activity. <i>Journal of Medicinal Chemistry</i> , <b>2020</b> , 63, 529-541	8.3	12
6	Emerging Roles for G-protein Coupled Receptors in Development and Activation of Macrophages. <i>Frontiers in Immunology</i> , <b>2019</b> , 10, 2031	8.4	11
5	Lipid mediators and inflammation in glucose intolerance and insulin resistance. <i>Drug Discovery Today Disease Mechanisms</i> , <b>2010</b> , 7, e191-e197		11
4	Mineralocorticoid receptors mediate cardiac remodelling in morphine-dependent rats. <i>Basic and Clinical Pharmacology and Toxicology</i> , <b>2012</b> , 111, 75-80	3.1	9
3	Chemical Approaches to Modulating Complement-Mediated Diseases. <i>Journal of Medicinal Chemistry</i> , <b>2018</b> , 61, 3253-3276	8.3	4
2	Is mycophenolate more than just an immunosuppressant?--An overview. <i>Indian Journal of Biochemistry and Biophysics</i> , <b>2009</b> , 46, 25-30		4
1	Temporal perturbation of histone deacetylase activity reveals a requirement for HDAC1-3 in mesendoderm cell differentiation.. <i>Cell Reports</i> , <b>2022</b> , 39, 110818	10.6	