

Amar Bahadur Singh

List of Publications by Year in descending order

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46
papers

1,600
citations

236925

25
h-index

302126

39
g-index

48
all docs

48
docs citations

48
times ranked

2645
citing authors

#	ARTICLE	IF	CITATIONS
1	Pyranocoumarins: A new class of anti-hyperglycemic and anti-dyslipidemic agents. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2009, 19, 6447-6451.	2.2	129
2	Inhibition of PCSK9 Transcription by Berberine Involves Down-regulation of Hepatic HNF1 α Protein Expression through the Ubiquitin-Proteasome Degradation Pathway. <i>Journal of Biological Chemistry</i> , 2015, 290, 4047-4058.	3.4	117
3	Methoxylated isoflavones, cajanin and isoformononetin, have non-estrogenic bone forming effect via differential mitogen activated protein kinase (MAPK) signaling. <i>Journal of Cellular Biochemistry</i> , 2009, 108, 388-399.	2.6	85
4	Differential effects of formononetin and cladrin on osteoblast function, peak bone mass achievement and bioavailability in rats. <i>Journal of Nutritional Biochemistry</i> , 2011, 22, 318-327.	4.2	69
5	Coagulanolide, a withanolide from <i>Withania coagulans</i> fruits and antihyperglycemic activity. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2008, 18, 6534-6537.	2.2	68
6	Synthesis of novel triterpenoid (lupeol) derivatives and their in vivo antihyperglycemic and antidyslipidemic activity. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2009, 19, 4463-4466.	2.2	63
7	Design and synthesis of 3,5-diarylisoazole derivatives as novel class of anti-hyperglycemic and lipid lowering agents. <i>Bioorganic and Medicinal Chemistry</i> , 2009, 17, 5285-5292.	3.0	50
8	Antihyperglycaemic effect of an unusual amino acid (4-hydroxyisoleucine) in C57BL/KsJ-db/db mice. <i>Natural Product Research</i> , 2010, 24, 258-265.	1.8	49
9	CETP inhibitors downregulate hepatic LDL receptor and PCSK9 expression in vitro and in vivo through a SREBP2 dependent mechanism. <i>Atherosclerosis</i> , 2014, 235, 449-462.	0.8	49
10	Novel 2-aryl-naphtho[1,2-d]oxazole derivatives as potential PTP-1B inhibitors showing antihyperglycemic activities. <i>European Journal of Medicinal Chemistry</i> , 2009, 44, 109-116.	5.5	48
11	Reduction of circulating PCSK9 and LDL-C levels by liver-specific knockdown of HNF1 α in normolipidemic mice. <i>Journal of Lipid Research</i> , 2015, 56, 801-809.	4.2	48
12	High Glucose-induced repression of RAR/RXR in cardiomyocytes is mediated through oxidative stress/JNK signaling. <i>Journal of Cellular Physiology</i> , 2012, 227, 2632-2644.	4.1	44
13	Arachidonic acid downregulates acyl-CoA synthetase 4 expression by promoting its ubiquitination and proteasomal degradation. <i>Journal of Lipid Research</i> , 2014, 55, 1657-1667.	4.2	43
14	Retinoic acid protects cardiomyocytes from high glucose-induced apoptosis through inhibition of NF κ B signaling Pathway. <i>Journal of Cellular Physiology</i> , 2013, 228, 380-392.	4.1	42
15	High-fructose diet downregulates long-chain acyl-CoA synthetase 3 expression in liver of hamsters via impairing LXR/RXR signaling pathway. <i>Journal of Lipid Research</i> , 2013, 54, 1241-1254.	4.2	38
16	5,6-Diarylanthranilo-1,3-dinitriles as a new class of antihyperglycemic agents. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2009, 19, 2158-2161.	2.2	37
17	Flavone-Based Novel Antidiabetic and Antidyslipidemic Agents. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 4551-4567.	6.4	37
18	Activation of retinoid receptor-mediated signaling ameliorates diabetes-induced cardiac dysfunction in Zucker diabetic rats. <i>Journal of Molecular and Cellular Cardiology</i> , 2013, 57, 106-118.	1.9	37

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19	Preliminary studies on the hypoglycemic effect of Peganum harmala L. Seeds ethanol extract on normal and streptozotocin induced diabetic rats. Indian Journal of Clinical Biochemistry, 2008, 23, 391-393.	1.9	36
20	Antihyperglycaemic activity of Î±-amyirin acetate in rats and db/db mice. Natural Product Research, 2009, 23, 876-882.	1.8	35
21	SREBP2 Activation Induces Hepatic Long-chain Acyl-CoA Synthetase 1 (ACSL1) Expression in Vivo and in Vitro through a Sterol Regulatory Element (SRE) Motif of the ACSL1 C-promoter. Journal of Biological Chemistry, 2016, 291, 5373-5384.	3.4	32
22	Synthesis of Î±-amyirin derivatives and their in vivo antihyperglycemic activity. European Journal of Medicinal Chemistry, 2009, 44, 1215-1222.	5.5	31
23	High-fructose feeding promotes accelerated degradation of hepatic LDL receptor and hypercholesterolemia in hamsters via elevated circulating PCSK9 levels. Atherosclerosis, 2015, 239, 364-374.	0.8	29
24	Regulation of lipid metabolism by obeticholic acid in hyperlipidemic hamsters. Journal of Lipid Research, 2017, 58, 350-363.	4.2	28
25	Hepatic HNF1 transcription factors control the induction of PCSK9 mediated by rosuvastatin in normolipidemic hamsters. International Journal of Molecular Medicine, 2017, 39, 749-756.	4.0	27
26	Chalcone based aryloxypropanolamines as potential antihyperglycemic agents. Bioorganic and Medicinal Chemistry Letters, 2007, 17, 799-802.	2.2	25
27	Synthesis and antihyperglycemic activity of novel N-acyl-2-arylethylamines and N-acyl-3-coumarylamines. Bioorganic and Medicinal Chemistry Letters, 2008, 18, 2301-2305.	2.2	25
28	A novel posttranscriptional mechanism for dietary cholesterol-mediated suppression of liver LDL receptor expression. Journal of Lipid Research, 2014, 55, 1397-1407.	4.2	24
29	Identification of Hepatic Lysophosphatidylcholine Acyltransferase 3 as a Novel Target Gene Regulated by Peroxisome Proliferator-activated Receptor Î³. Journal of Biological Chemistry, 2017, 292, 884-897.	3.4	24
30	The Critical Role of mRNA Destabilizing Protein Heterogeneous Nuclear Ribonucleoprotein D in 3' UTR Mediated Decay of Low-Density Lipoprotein Receptor mRNA in Liver Tissue. Arteriosclerosis, Thrombosis, and Vascular Biology, 2014, 34, 8-16.	2.4	23
31	Anti-diabetic and anti-oxidative effects of 4-hydroxypipercolic acid in C57BL/KsJ-db/db mice. Human and Experimental Toxicology, 2012, 31, 57-65.	2.2	20
32	PPARÎ³ activation induces hepatic long-chain acyl-CoA synthetase 4 expression in vivo and in vitro. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2015, 1851, 577-587.	2.4	19
33	Farnesoid X Receptor Activation by Obeticholic Acid Elevates Liver Low-Density Lipoprotein Receptor Expression by mRNA Stabilization and Reduces Plasma Low-Density Lipoprotein Cholesterol in Mice. Arteriosclerosis, Thrombosis, and Vascular Biology, 2018, 38, 2448-2459.	2.4	19
34	Liver-specific knockdown of long-chain acyl-CoA synthetase 4 reveals its key role in VLDL-TG metabolism and phospholipid synthesis in mice fed a high-fat diet. American Journal of Physiology - Endocrinology and Metabolism, 2019, 316, E880-E894.	3.5	19
35	Synthesis of protein tyrosine phosphatase 1B inhibitors: Model validation and docking studies. Bioorganic and Medicinal Chemistry Letters, 2009, 19, 2320-2323.	2.2	17
36	Coagulanolide modulates hepatic glucose metabolism in C57BL/KsJ-db/db mice. Human and Experimental Toxicology, 2012, 31, 1056-1065.	2.2	17

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37	A novel peroxisome proliferator response element modulates hepatic low-density lipoprotein receptor gene transcription in response to PPAR γ activation. <i>Biochemical Journal</i> , 2015, 472, 275-286.	3.7	12
38	Berberine decreases plasma triglyceride levels and upregulates hepatic TRIB1 in LDLR wild type mice and in LDLR deficient mice. <i>Scientific Reports</i> , 2019, 9, 15641.	3.3	11
39	Activation of FXR by obeticholic acid induces hepatic gene expression of SR-BI through a novel mechanism of transcriptional synergy with the nuclear receptor LXR. <i>International Journal of Molecular Medicine</i> , 2019, 43, 1927-1938.	4.0	11
40	Identification of a novel function of hepatic long-chain acyl-CoA synthetase-1 (ACSL1) in bile acid synthesis and its regulation by bile acid-activated farnesoid X receptor. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2019, 1864, 358-371.	2.4	11
41	Synthesis of 3,5-disubstituted isoxazolines as protein tyrosine phosphatase 1B inhibitors. <i>Medicinal Chemistry Research</i> , 2008, 17, 123-136.	2.4	10
42	Tectone, a New Antihyperglycemic Anthraquinone from <i>Tectona grandis</i> Leaves. <i>Natural Product Communications</i> , 2010, 5, 1934578X1000500.	0.5	10
43	Novel class of hybrid natural products as antidiabetic agents. <i>Natural Product Research</i> , 2009, 23, 60-69.	1.8	9
44	db/+ Mice as an Alternate Model in Antidiabetic Drug Discovery Research. <i>Archives of Medical Research</i> , 2009, 40, 73-78.	3.3	8
45	Identification of p115 as a novel ACSL4 interacting protein and its role in regulating ACSL4 degradation. <i>Journal of Proteomics</i> , 2020, 229, 103926.	2.4	8
46	FXR activation promotes intestinal cholesterol excretion and attenuates hyperlipidemia in SR-BI deficient mice fed a high-fat and high-cholesterol diet. <i>Physiological Reports</i> , 2020, 8, e14387.	1.7	7