Shobha Ghosh

List of Publications by Year
in descending order

57 papers	2,529 citations	186265 28 h-index	197818 49 g-index
57 all docs	57 docs citations	57 times ranked	3151 citing authors

#	Article	IF	Citations
1	Intestinal Barrier Dysfunction, LPS Translocation, and Disease Development. Journal of the Endocrine Society, 2020, 4, bvz039.	0.2	291
2	Curcumin improves intestinal barrier function: modulation of intracellular signaling, and organization of tight junctions. American Journal of Physiology - Cell Physiology, 2017, 312, C438-C445.	4.6	153
3	Oral Supplementation with Non-Absorbable Antibiotics or Curcumin Attenuates Western Diet-Induced Atherosclerosis and Glucose Intolerance in LDLRâ^'/â^' Mice â€" Role of Intestinal Permeability and Macrophage Activation. PLoS ONE, 2014, 9, e108577.	2.5	125
4	Macrophage cholesteryl ester mobilization and atherosclerosis. Vascular Pharmacology, 2010, 52, 1-10.	2.1	112
5	Leutusome: A Biomimetic Nanoplatform Integrating Plasma Membrane Components of Leukocytes and Tumor Cells for Remarkably Enhanced Solid Tumor Homing. Nano Letters, 2018, 18, 6164-6174.	9.1	111
6	Sodium butyrate ameliorates insulin resistance and renal failure in CKD rats by modulating intestinal permeability and mucin expression. Nephrology Dialysis Transplantation, 2019, 34, 783-794.	0.7	110
7	Macrophage-specific transgenic expression of cholesteryl ester hydrolase significantly reduces atherosclerosis and lesion necrosis in Ldlrâ€"/â€" mice. Journal of Clinical Investigation, 2007, 117, 2983-2992.	8.2	107
8	Cholesteryl ester hydrolase in human monocyte/macrophage: cloning, sequencing, and expression of full-length cDNA. Physiological Genomics, 2000, 2, 1-8.	2.3	99
9	Curcumin and Chronic Kidney Disease (CKD): Major Mode of Action through Stimulating Endogenous Intestinal Alkaline Phosphatase. Molecules, 2014, 19, 20139-20156.	3.8	73
10	Development of mannose functionalized dendrimeric nanoparticles for targeted delivery to macrophages: use of this platform to modulate atherosclerosis. Translational Research, 2018, 193, 13-30.	5.0	63
11	Stable overexpression of human macrophage cholesteryl ester hydrolase results in enhanced free cholesterol efflux from human THP1 macrophages. American Journal of Physiology - Cell Physiology, 2007, 292, C405-C412.	4.6	62
12	Human liver cholesteryl ester hydrolase: cloning, molecular characterization, and role in cellular cholesterol homeostasis. Physiological Genomics, 2005, 23, 304-310.	2.3	59
13	Curcumin-mediated regulation of intestinal barrier function: The mechanism underlying its beneficial effects. Tissue Barriers, 2018, 6, e1425085.	3.2	59
14	Molecular cloning and expression of rat hepatic neutral cholesteryl ester hydrolase. Lipids and Lipid Metabolism, 1995, 1259, 305-312.	2.6	57
15	Activation of rat liver cholesterol ester hydrolase by cAMP-dependent protein kinase and protein kinase C. Lipids, 1989, 24, 733-736.	1.7	52
16	PPARÎ³ ligand attenuates PDGF-induced mesangial cell proliferation: Role of MAP kinase. Kidney International, 2003, 64, 52-62.	5.2	51
17	Mobilization of cytoplasmic CE droplets by overexpression of human macrophage cholesteryl ester hydrolase. Journal of Lipid Research, 2003, 44, 1833-1840.	4.2	51
18	Redistribution of macrophage cholesteryl ester hydrolase from cytoplasm to lipid droplets upon lipid loading. Journal of Lipid Research, 2005, 46, 2114-2121.	4.2	51

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19	Macrophage cholesterol homeostasis and metabolic diseases: critical role of cholesteryl ester mobilization. Expert Review of Cardiovascular Therapy, 2011, 9, 329-340.	1.5	50
20	Hepatic overexpression of cholesteryl ester hydrolase enhances cholesterol elimination and in vivo reverse cholesterol transport. Journal of Lipid Research, 2008, 49, 2212-2217.	4.2	47
21	Genetic Deletion of AEG-1 Prevents Hepatocarcinogenesis. Cancer Research, 2014, 74, 6184-6193.	0.9	47
22	Improved Insulin Sensitivity in High Fat- and High Cholesterol-fed Ldlrâˆ'/âˆ' Mice with Macrophage-specific Transgenic Expression of Cholesteryl Ester Hydrolase. Journal of Biological Chemistry, 2010, 285, 13630-13637.	3.4	43
23	Nanomedicines for dysfunctional macrophage-associated diseases. Journal of Controlled Release, 2017, 247, 106-126.	9.9	43
24	AEG-1 Regulates Retinoid X Receptor and Inhibits Retinoid Signaling. Cancer Research, 2014, 74, 4364-4377.	0.9	39
25	A novel role of astrocyte elevated geneâ€1 (AEGâ€1) in regulating nonalcoholic steatohepatitis (NASH). Hepatology, 2017, 66, 466-480.	7.3	35
26	Cloning of the Human Cholesteryl Ester Hydrolase Promoter: Identification of Functional Peroxisomal Proliferator-Activated Receptor Responsive Elements. Biochemical and Biophysical Research Communications, 2001, 284, 1065-1070.	2.1	34
27	Early steps in reverse cholesterol transport. Current Opinion in Endocrinology, Diabetes and Obesity, 2012, 19, 136-141.	2.3	34
28	Rapid three-step purification of a hepatic neutral cholesteryl ester hydrolase which is not the pancreatic enzyme. Lipids, 1991, 26, 793-798.	1.7	33
29	Nanoparticle-based â€œTwo-prongedâ€• approach to regress atherosclerosis by simultaneous modulation of cholesterol influx and efflux. Biomaterials, 2020, 260, 120333.	11.4	27
30	Separation and differential activation of rat liver cytosolic cholesteryl ester hydrolase, triglyceride lipase and retinyl palmitate hydrolase by cholestyramine and protein kinases. Lipids, 1990, 25, 221-225.	1.7	26
31	Identifying important parameters in the inflammatory process with a mathematical model of immune cell influx and macrophage polarization. PLoS Computational Biology, 2019, 15, e1007172.	3.2	26
32	Liver-Specific Cholesteryl Ester Hydrolase Deficiency Attenuates Sterol Elimination in the Feces and Increases Atherosclerosis in <i>Ldlr</i> ^{âˆ'/âˆ'} Mice. Arteriosclerosis, Thrombosis, and Vascular Biology, 2013, 33, 1795-1802.	2.4	25
33	Bolstering cholesteryl ester hydrolysis in liver: A hepatocyte-targeting gene delivery strategy for potential alleviation of atherosclerosis. Biomaterials, 2017, 130, 1-13.	11.4	25
34	Molecular Cloning and Expression of Rat Lung Carboxylesterase and Its Potential Role in the Detoxification of Organophosphorus Compounds. American Journal of Respiratory Cell and Molecular Biology, 1999, 20, 1201-1208.	2.9	24
35	Intestine-specific expression of human chimeric intestinal alkaline phosphatase attenuates Western diet-induced barrier dysfunction and glucose intolerance. Physiological Reports, 2018, 6, e13790.	1.7	24
36	Identification of a novel intracellular cholesteryl ester hydrolase (carboxylesterase 3) in human macrophages: compensatory increase in its expression after carboxylesterase 1 silencing. American Journal of Physiology - Cell Physiology, 2012, 303, C427-C435.	4.6	23

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37	Astrocyte Elevated Gene-1 Regulates Macrophage Activation in Hepatocellular Carcinogenesis. Cancer Research, 2018, 78, 6436-6446.	0.9	22
38	Dietary Supplementation with Galactooligosaccharides Attenuates High-Fat, High-Cholesterol Diet-Induced Glucose Intolerance and Disruption of Colonic Mucin Layer in C57BL/6 Mice and Reduces Atherosclerosis in Ldlrâ€"/â€" Mice. Journal of Nutrition, 2020, 150, 285-293.	2.9	22
39	Intestinal barrier function and metabolic/liver diseases. Liver Research, 2020, 4, 81-87.	1.4	22
40	Liver-specific transgenic expression of cholesteryl ester hydrolase reduces atherosclerosis in Ldlrâˆ'/âˆ' mice. Journal of Lipid Research, 2014, 55, 729-738.	4.2	21
41	Over-Expression of Intestinal Alkaline Phosphatase Attenuates Atherosclerosis. Circulation Research, 2021, 128, 1646-1659.	4.5	19
42	Atherosclerotic lesion progression is attenuated by reconstitution with bone marrow from macrophage-specific cholesteryl ester hydrolase transgenic mice. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2011, 301, R967-R974.	1.8	18
43	High Fat High Cholesterol Diet (Western Diet) Aggravates Atherosclerosis, Hyperglycemia and Renal Failure in Nephrectomized LDL Receptor Knockout Mice: Role of Intestine Derived Lipopolysaccharide. PLoS ONE, 2015, 10, e0141109.	2.5	18
44	Astrocyte Elevated Gene-1 (AEG-1) Regulates Lipid Homeostasis. Journal of Biological Chemistry, 2015, 290, 18227-18236.	3.4	18
45	Cooperation between hepatic cholesteryl ester hydrolase and scavenger receptor BI for hydrolysis of HDL-CE. Journal of Lipid Research, 2013, 54, 3078-3084.	4.2	14
46	Sterol carrier protein-2 deficiency attenuates diet-induced dyslipidemia and atherosclerosis in mice. Journal of Biological Chemistry, 2018, 293, 9223-9231.	3.4	14
47	Intracellular cholesterol transport proteins enhance hydrolysis of HDL-CEs and facilitate elimination of cholesterol into bile. Journal of Lipid Research, 2016, 57, 1712-1719.	4.2	13
48	Macrophage-specific transgenic expression of cholesteryl ester hydrolase attenuates hepatic lipid accumulation and also improves glucose tolerance in <i>ob/ob</i> mice. American Journal of Physiology - Endocrinology and Metabolism, 2012, 302, E1283-E1291.	3.5	12
49	Age-related changes in catalytic activity, enzyme mass, mRNA, and subcellular distribution of hepatic neutral cholesterol ester hydrolase in female rats. Lipids, 1997, 32, 463-470.	1.7	8
50	Cholesterol removal from plaques and elimination from the body: change in paradigm to reduce risk for heart disease. Clinical Lipidology, 2014, 9, 429-440.	0.4	6
51	Role of cholesteryl ester hydrolase in atherosclerosis. Clinical Lipidology, 2009, 4, 573-585.	0.4	4
52	HMGB1 (High-Mobility Group Box-1). Arteriosclerosis, Thrombosis, and Vascular Biology, 2020, 40, 2561-2563.	2.4	3
53	Curcumin as a potential therapeutic option for NAFLD and other metabolic diseases: need for establishing the underlying mechanism(s) of action. Hepatology International, 2019, 13, 245-247.	4.2	2
54	Regulation of interleukinâ€1 beta secretion from macrophages via modulation of potassium ion (K⁺) channel activity. FEBS Letters, 2019, 593, 1166-1178.	2.8	1

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55	Role of Cholesteryl Ester (CE) Hydrolase Mediated Mobilization of Intracellular CE in Regulating Inflammasome Activation. FASEB Journal, 2015, 29, 715.2.	0.5	1
56	Lipid metabolism, immunity and metabolic diseases. Clinical Lipidology, 2013, 8, 47-50.	0.4	0
57	Measurement of In Vivo VLDL and Chylomicron Secretion. Methods in Molecular Biology, 2022, 2455, 63-71.	0.9	0