John S Parks

List of Publications by Year
in descending order

78	6,414	101543 36	69250 77
papers	citations	h-index	g-index
82	82	82	8436
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Monocyte miRNAs Are Associated With Type 2 Diabetes. Diabetes, 2022, 71, 853-861.	0.6	7
2	Exploiting three-dimensional human hepatic constructs to investigate the impact of rs174537 on fatty acid metabolism. PLoS ONE, 2022, 17, e0262173.	2.5	0
3	The effects of brewersâ€™ spent grain on high-fat diet-induced fatty liver. Biochemical and Biophysical Research Communications, 2022, 616, 49-55.	2.1	2
4	Effect of quercetin on nonshivering thermogenesis of brown adipose tissue in high-fat diet-induced obese mice. Journal of Nutritional Biochemistry, 2021, 88, 108532.	4.2	36
5	Dichloroacetate reverses sepsis-induced hepatic metabolic dysfunction. ELife, 2021, 10, .	6.0	39
6	Apolipoprotein M and Sphingosine-1-Phosphate Receptor 1 Promote the Transendothelial Transport of High-Density Lipoprotein. Arteriosclerosis, Thrombosis, and Vascular Biology, 2021, 41, e468-e479.	2.4	10
7	Plasma metabolomic profiling in subclinical atherosclerosis: the Diabetes Heart Study. Cardiovascular Diabetology, 2021, 20, 231.	6.8	18
8	Hematopoietic Cell-Specific SLC37A2 Deficiency Accelerates Atherosclerosis in LDL Receptor-Deficient Mice. Frontiers in Cardiovascular Medicine, 2021, 8, 777098.	2.4	2
9	Identification of Plasma Glycosphingolipids as Potential Biomarkers for Prostate Cancer (PCa) Status. Biomolecules, 2020, 10, 1393.	4.0	12
10	Phosphorylation of PDHA by AMPK Drives TCA Cycle to Promote Cancer Metastasis. Molecular Cell, 2020, 80, 263-278.e7.	9.7	120
11	Solute Carrier Family 37 Member 2 (SLC37A2) Negatively Regulates Murine Macrophage Inflammation by Controlling Glycolysis. IScience, 2020, 23, 101125.	4.1	12
12	Human GDPD3 overexpression promotes liver steatosis by increasing lysophosphatidic acid production and fatty acid uptake. Journal of Lipid Research, 2020, 61, 1075-1086.	4.2	13
13	Reduced Apolipoprotein M and Adverse Outcomes Across the Spectrum of Human Heart Failure. Circulation, 2020, 141, 1463-1476.	1.6	42
14	APOL1 Kidney-Risk Variants Induce Mitochondrial Fission. Kidney International Reports, 2020, 5, 891-904.	0.8	28
15	APOL1 Risk Variants Impair Multiple Mitochondrial Pathways in a Metabolomics Analysis. Kidney360, 2020, 1, 1353-1362.	2.1	5
16	Targeted Deletion of Hepatocyte <i>Abca1</i> Increases Plasma HDL (High-Density Lipoprotein) Reverse Cholesterol Transport via the LDL (Low-Density Lipoprotein) Receptor. Arteriosclerosis, Thrombosis, and Vascular Biology, 2019, 39, 1747-1761.	2.4	28
17	Plasma apoM and S1P levels are inversely associated with mortality in African Americans with type 2 diabetes mellitus. Journal of Lipid Research, 2019, 60, 1425-1431.	4.2	19
18	Genetic Regulation of Enoyl-CoA Hydratase Domain-Containing 3 in Adipose Tissue Determines Insulin Sensitivity in African Americans and Europeans. Diabetes, 2019, 68, 1508-1522.	0.6	11

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19	EARLY TIME RESTRICTED FEEDING IMPROVES HIGH DENSITY LIPOPROTEIN FUNCTION IN GERIATRIC MONKEYS. Innovation in Aging, 2019, 3, S104-S104.	0.1	1
20	Feeding of tobacco blend or nicotine induced weight loss associated with decreased adipocyte size and increased physical activity in male mice. Food and Chemical Toxicology, 2018, 113, 287-295.	3.6	8
21	Targeted Deletion of Adipocyte Abca1 (ATP-Binding Cassette Transporter A1) Impairs Diet-Induced Obesity. Arteriosclerosis, Thrombosis, and Vascular Biology, 2018, 38, 733-743.	2.4	39
22	<i>Tpcn2</i> knockout mice have improved insulin sensitivity and are protected against high-fat diet-induced weight gain. Physiological Genomics, 2018, 50, 605-614.	2.3	3
23	Quercetin, a functional compound of onion peel, remodels white adipocytes to brown-like adipocytes. Journal of Nutritional Biochemistry, 2017, 42, 62-71.	4.2	101
24	Hepatocyte ABCA1 Deletion Impairs Liver Insulin Signaling and Lipogenesis. Cell Reports, 2017, 19, 2116-2129.	6.4	32
25	Genetic regulation of adipose tissue transcript expression is involved in modulating serum triglyceride and HDL-cholesterol. Gene, 2017, 632, 50-58.	2.2	8
26	Blood monocyte transcriptome and epigenome analyses reveal loci associated with human atherosclerosis. Nature Communications, 2017, 8, 393.	12.8	51
27	Slfn2 mutationâ€induced loss of Tâ€cell quiescence leads to elevated <i>de novo</i> sterol synthesis. Immunology, 2017, 152, 484-493.	4.4	4
28	Hepatic ABCA1 deficiency is associated with delayed apolipoprotein B secretory trafficking and augmented VLDL triglyceride secretion. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2017, 1862, 1035-1043.	2.4	12
29	In vivo activation of leukocyte GPR120/FFAR4 by PUFAs has minimal impact on atherosclerosis in LDL receptor knockout mice. Journal of Lipid Research, 2017, 58, 236-246.	4.2	23
30	LRP1 integrates murine macrophage cholesterol homeostasis and inflammatory responses in atherosclerosis. ELife, 2017, 6, .	6.0	76
31	Genome-wide association study of coronary artery calcified atherosclerotic plaque in African Americans with type 2 diabetes. BMC Genetics, 2017, 18, 105.	2.7	54
32	Myeloid-specific genetic ablation of ATP-binding cassette transporter ABCA1 is protective against cancer. Oncotarget, 2017, 8, 71965-71980.	1.8	26
33	Deficiency of ATP-Binding Cassette Transporters A1 and G1 in Endothelial Cells Accelerates Atherosclerosis in Mice. Arteriosclerosis, Thrombosis, and Vascular Biology, 2016, 36, 1328-1337.	2.4	92
34	MicroRNA-33 Regulates the Innate Immune Response via ATP Binding Cassette Transporter-mediated Remodeling of Membrane Microdomains. Journal of Biological Chemistry, 2016, 291, 19651-19660.	3.4	56
35	Very Low Density Lipoprotein Assembly Is Required for cAMP-responsive Element-binding Protein H Processing and Hepatic Apolipoprotein A-IV Expression. Journal of Biological Chemistry, 2016, 291, 23793-23803.	3.4	17
36	Myeloid Deletion of Î±1AMPK Exacerbates Atherosclerosis in LDL Receptor Knockout (LDLRKO) Mice. Diabetes, 2016, 65, 1565-1576.	0.6	36

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37	A Systematic Investigation of Structure/Function Requirements for the Apolipoprotein A-I/Lecithin Cholesterol Acyltransferase Interaction Loop of High-density Lipoprotein. Journal of Biological Chemistry, 2016, 291, 6386-6395.	3.4	18
38	LXRs link metabolism to inflammation through Abca1-dependent regulation of membrane composition and TLR signaling. ELife, 2015, 4, e08009.	6.0	219
39	Uncleaved ApoM Signal Peptide Is Required for Formation of Large ApoM/Sphingosine 1-Phosphate (S1P)-enriched HDL Particles. Journal of Biological Chemistry, 2015, 290, 7861-7870.	3.4	28
40	Localization of APOL1 Protein and mRNA in the Human Kidney. Journal of the American Society of Nephrology: JASN, 2015, 26, 339-348.	6.1	113
41	Proteomic Analysis of ABCA1-Null Macrophages Reveals a Role for Stomatin-Like Protein-2 in Raft Composition and Toll-Like Receptor Signaling. Molecular and Cellular Proteomics, 2015, 14, 1859-1870.	3.8	17
42	Botanical oils enriched in n-6 and n-3 FADS2 products are equally effective in preventing atherosclerosis and fatty liver. Journal of Lipid Research, 2015, 56, 1191-1205.	4.2	19
43	Alterations of a Cellular Cholesterol Metabolism Network Are a Molecular Feature of Obesity-Related Type 2 Diabetes and Cardiovascular Disease. Diabetes, 2015, 64, 3464-3474.	0.6	82
44	Myeloid Cellâ€“Specific ATP-Binding Cassette Transporter A1 Deletion Has Minimal Impact on Atherogenesis in Atherogenic Dietâ€“Fed Low-Density Lipoprotein Receptor Knockout Mice. Arteriosclerosis, Thrombosis, and Vascular Biology, 2014, 34, 1888-1899.	2.4	32
45	Dietary Cholesterol Promotes Adipocyte Hypertrophy and Adipose Tissue Inflammation in Visceral, but Not in Subcutaneous, Fat in Monkeys. Arteriosclerosis, Thrombosis, and Vascular Biology, 2014, 34, 1880-1887.	2.4	35
46	An abundant dysfunctional apolipoprotein A1 in human atheroma. Nature Medicine, 2014, 20, 193-203.	30.7	316
47	Histone Deacetylase 9 Represses Cholesterol Efflux and Alternatively Activated Macrophages in Atherosclerosis Development. Arteriosclerosis, Thrombosis, and Vascular Biology, 2014, 34, 1871-1879.	2.4	149
48	Hepatic Apolipoprotein M (ApoM) Overexpression Stimulates Formation of Larger ApoM/Sphingosine 1-Phosphate-enriched Plasma High Density Lipoprotein. Journal of Biological Chemistry, 2014, 289, 2801-2814.	3.4	66
49	Deficiency of ATP-Binding Cassette Transporters A1 and G1 in Macrophages Increases Inflammation and Accelerates Atherosclerosis in Mice. Circulation Research, 2013, 112, 1456-1465.	4.5	253
50	Lipid Absorption Defects in Intestine-specific Microsomal Triglyceride Transfer Protein and ATP-binding Cassette Transporter A1-deficient Mice. Journal of Biological Chemistry, 2013, 288, 30432-30444.	3.4	53
51	Myeloid cell-specific ABCA1 deletion does not worsen insulin resistance in HF diet-induced or genetically obese mouse models. Journal of Lipid Research, 2013, 54, 2708-2717.	4.2	10
52	Liver ABCA1 Deletion in LDLrKO Mice Does Not Impair Macrophage Reverse Cholesterol Transport or Exacerbate Atherogenesis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2013, 33, 2288-2296.	2.4	35
53	Omega-3 Fatty Acids Ameliorate Atherosclerosis by Favorably Altering Monocyte Subsets and Limiting Monocyte Recruitment to Aortic Lesions. Arteriosclerosis, Thrombosis, and Vascular Biology, 2012, 32, 2122-2130.	2.4	63
54	Macrophage 12/15 lipoxygenase expression increases plasma and hepatic lipid levels and exacerbates atherosclerosis. Journal of Lipid Research, 2012, 53, 686-695.	4.2	36

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55	Hepatic ABC transporters and triglyceride metabolism. Current Opinion in Lipidology, 2012, 23, 196-200.	2.7	33
56	Myeloid Cellâ˘'Specific ABCA1 Deletion Protects Mice From Bacterial Infection. Circulation Research, 2012, 111, 1398-1409.	4.5	28
57	New Roles of HDL in Inflammation and Hematopoiesis. Annual Review of Nutrition, 2012, 32, 161-182.	10.1	68
58	Nascent high density lipoproteins formed by ABCA1 resemble lipid rafts and are structurally organized by three apoA-I monomers. Journal of Lipid Research, 2012, 53, 1890-1909.	4.2	105
59	Adipose Tissue ATP Binding Cassette Transporter A1 Contributes to High-Density Lipoprotein Biogenesis In Vivo. Circulation, 2011, 124, 1663-1672.	1.6	77
60	Macrophage ABCA1 reduces MyD88-dependent Toll-like receptor trafficking to lipid rafts by reduction of lipid raft cholesterol. Journal of Lipid Research, 2010, 51, 3196-3206.	4.2	274
61	Apolipoprotein M expression increases the size of nascent preÎ² HDL formed by ATP binding cassette transporter A1. Journal of Lipid Research, 2010, 51, 514-524.	4.2	34
62	Targeted Deletion of Hepatocyte ABCA1 Leads to Very Low Density Lipoprotein Triglyceride Overproduction and Low Density Lipoprotein Hypercatabolism. Journal of Biological Chemistry, 2010, 285, 12197-12209.	3.4	81
63	Alternative splicing attenuates transgenic expression directed by the apolipoprotein E promoter-enhancer based expression vector pLIV11. Journal of Lipid Research, 2010, 51, 849-855.	4.2	6
64	Tissue-Specific Roles of ABCA1 Influence Susceptibility to Atherosclerosis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2009, 29, 548-554.	2.4	98
65	Apoptotic Cells Promote Their Own Clearance and Immune Tolerance through Activation of the Nuclear Receptor LXR. Immunity, 2009, 31, 245-258.	14.3	564
66	Echium oil reduces plasma lipids and hepatic lipogenic gene expression in apoB100-only LDL receptor knockout mice. Journal of Nutritional Biochemistry, 2008, 19, 655-663.	4.2	28
67	Increased Cellular Free Cholesterol in Macrophage-specific Abca1 Knock-out Mice Enhances Pro-inflammatory Response of Macrophages. Journal of Biological Chemistry, 2008, 283, 22930-22941.	3.4	326
68	Initial interaction of apoA-I with ABCA1 impacts in vivo metabolic fate of nascent HDL. Journal of Lipid Research, 2008, 49, 2390-2401.	4.2	44
69	Minimal Lipidation of Pre-Î² HDL by ABCA1 Results in Reduced Ability to Interact with ABCA1. Arteriosclerosis, Thrombosis, and Vascular Biology, 2007, 27, 1828-1836.	2.4	110
70	Î²-cell ABCA1 influences insulin secretion, glucose homeostasis and response to thiazolidinedione treatment. Nature Medicine, 2007, 13, 340-347.	30.7	366
71	Reduction in ABCG1 in Type 2 Diabetic Mice Increases Macrophage Foam Cell Formation. Journal of Biological Chemistry, 2006, 281, 21216-21224.	3.4	87
72	Intestinal ABCA1 directly contributes to HDL biogenesis in vivo. Journal of Clinical Investigation, 2006, 116, 1052-1062.	8.2	447

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73	Targeted inactivation of hepatic Abca1 causes profound hypoalphalipoproteinemia and kidney hypercatabolism of apoA-I. Journal of Clinical Investigation, 2005, 115, 1333-1342.	8.2	407
74	Targeted inactivation of hepatic Abca1 causes profound hypoalphalipoproteinemia and kidney hypercatabolism of apoA-I. Journal of Clinical Investigation, 2005, 115, 1333-1342.	8.2	225
75	ApoA-I secretion from HepG2 cells: evidence for the secretion of both lipid-poor apoA-I and intracellularly assembled nascent HDL. Journal of Lipid Research, 2002, 43, 36-44.	4.2	79
76	ApoA-I secretion from HepG2 cells: evidence for the secretion of both lipid-poor apoA-I and intracellularly assembled nascent HDL. Journal of Lipid Research, 2002, 43, 36-44.	4.2	70
77	Compared With Dietary Monounsaturated and Saturated Fat, Polyunsaturated Fat Protects African Green Monkeys From Coronary Artery Atherosclerosis. Arteriosclerosis, Thrombosis, and Vascular Biology, 1995, 15, 2101-2110.	2.4	194
78	Effect of fish oil on atherosclerosis and lipoprotein metabolism. Atherosclerosis, 1990, 84, 83-94.	0.8	73