

Kasey C Vickers

List of Publications by Year in descending order

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Version: 2024-02-01

65
papers

6,409
citations

136950

32
h-index

106344

65
g-index

72
all docs

72
docs citations

72
times ranked

10412
citing authors

#	ARTICLE	IF	CITATIONS
1	VAP-A and its binding partner CERT drive biogenesis of RNA-containing extracellular vesicles at ER membrane contact sites. <i>Developmental Cell</i> , 2022, 57, 974-994.e8.	7.0	49
2	Elucidation of physico-chemical principles of high-density lipoproteinâ€‘small RNA binding interactions. <i>Journal of Biological Chemistry</i> , 2022, 298, 101952.	3.4	4
3	Apolipoprotein Aâ€‘I in mouse cerebrospinal fluid derives from the liver and intestine via plasma highâ€‘density lipoproteins assembled by ABCA1 and LCAT. <i>FEBS Letters</i> , 2021, 595, 773-788.	2.8	10
4	Plasma miRNAs improve the prediction of coronary atherosclerosis in patients with rheumatoid arthritis. <i>Clinical Rheumatology</i> , 2021, 40, 2211-2219.	2.2	24
5	Macrophage SR-BI modulates autophagy via VPS34 complex and PPARÎ± transcription of Tfeb in atherosclerosis. <i>Journal of Clinical Investigation</i> , 2021, 131, .	8.2	41
6	HDL-small RNA Export, Transport, and Functional Delivery in Atherosclerosis. <i>Current Atherosclerosis Reports</i> , 2021, 23, 38.	4.8	27
7	High-Density Lipoproteins in Kidney Disease. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8201.	4.1	9
8	Profile of Podocyte Translatome During Development of Type 2 and Type 1 Diabetic Nephropathy Using Podocyte-Specific TRAP mRNA RNA-seq. <i>Diabetes</i> , 2021, 70, 2377-2390.	0.6	8
9	Kidney injury-mediated disruption of intestinal lymphatics involves dicarbonyl-modified lipoproteins. <i>Kidney International</i> , 2021, 100, 585-596.	5.2	11
10	Myeloperoxidase-induced modification of HDL by isolevuglandins inhibits paraoxonase-1 activity. <i>Journal of Biological Chemistry</i> , 2021, 297, 101019.	3.4	13
11	Depletion of METTL3 alters cellular and extracellular levels of miRNAs containing m6A consensus sequences. <i>Heliyon</i> , 2021, 7, e08519.	3.2	7
12	Development and Validation of a MicroRNA Panel to Differentiate Between Patients with Rheumatoid Arthritis or Systemic Lupus Erythematosus and Controls. <i>Journal of Rheumatology</i> , 2020, 47, 188-196.	2.0	33
13	microRNA-367-3p regulation of GPRC5A is suppressed in ischemic stroke. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2020, 40, 1300-1315.	4.3	12
14	The Endogenous Plasma Small RNAome of Rheumatoid Arthritis. <i>ACR Open Rheumatology</i> , 2020, 2, 97-105.	2.1	16
15	Palmitate induces apoptotic cell death and inflammasome activation in human placental macrophages. <i>Placenta</i> , 2020, 90, 45-51.	1.5	16
16	Circulating microbial small RNAs are altered in patients with rheumatoid arthritis. <i>Annals of the Rheumatic Diseases</i> , 2020, 79, 1557-1564.	0.9	9
17	Pervasive Small RNAs in Cardiometabolic Research: Great Potential Accompanied by Biological and Technical Barriers. <i>Diabetes</i> , 2020, 69, 813-822.	0.6	3
18	High-density lipoproteins induce miR-223â€‘3p biogenesis and export from myeloid cells: Role of scavenger receptor BI-mediated lipid transfer. <i>Atherosclerosis</i> , 2019, 286, 20-29.	0.8	22

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19	Beta cell secretion of miR-375 to HDL is inversely associated with insulin secretion. <i>Scientific Reports</i> , 2019, 9, 3803.	3.3	35
20	Transfer of Functional Cargo in Exomeres. <i>Cell Reports</i> , 2019, 27, 940-954.e6.	6.4	255
21	Dual inhibition of endothelial miR-92a-3p and miR-489-3p reduces renal injury-associated atherosclerosis. <i>Atherosclerosis</i> , 2019, 282, 121-131.	0.8	55
22	MiR-29 Regulates de novo Lipogenesis in the Liver and Circulating Triglyceride Levels in a Sirt1-Dependent Manner. <i>Frontiers in Physiology</i> , 2019, 10, 1367.	2.8	12
23	Membrane-bound Gaussia luciferase as a tool to track shedding of membrane proteins from the surface of extracellular vesicles. <i>Scientific Reports</i> , 2019, 9, 17387.	3.3	17
24	Integrative roles of microRNAs in lipid metabolism and dyslipidemia. <i>Current Opinion in Lipidology</i> , 2019, 30, 165-171.	2.7	18
25	Loss of 2 Akt (Protein Kinase B) Isoforms in Hematopoietic Cells Diminished Monocyte and Macrophage Survival and Reduces Atherosclerosis in <i>Ldl</i> Receptor-Null Mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2019, 39, 156-169.	2.4	12
26	MicroRNA-129 is regulated by choline availability and controls EGF receptor synthesis and neurogenesis in the cerebral cortex. <i>FASEB Journal</i> , 2019, 33, 3601-3612.	0.5	17
27	The long noncoding RNA CHROME regulates cholesterol homeostasis in primates. <i>Nature Metabolism</i> , 2019, 1, 98-110.	11.9	104
28	Advances, challenges, and opportunities in extracellular RNA biology: insights from the NIH exRNA Strategic Workshop. <i>JCI Insight</i> , 2018, 3, .	5.0	41
29	Intestinal bile acid sequestration improves glucose control by stimulating hepatic miR-182-5p in type 2 diabetes. <i>American Journal of Physiology - Renal Physiology</i> , 2018, 315, G810-G823.	3.4	18
30	Bioinformatic analysis of endogenous and exogenous small RNAs on lipoproteins. <i>Journal of Extracellular Vesicles</i> , 2018, 7, 1506198.	12.2	60
31	Comprehensive evaluation of extracellular small RNA isolation methods from serum in high throughput sequencing. <i>BMC Genomics</i> , 2017, 18, 50.	2.8	28
32	MicroRNAs and tRNA-derived fragments predict the transformation of myelodysplastic syndromes to acute myeloid leukemia. <i>Leukemia and Lymphoma</i> , 2017, 58, 2144-2155.	1.3	26
33	Interrupted Glucagon Signaling Reveals Hepatic β Cell Axis and Role for L-Glutamine in β Cell Proliferation. <i>Cell Metabolism</i> , 2017, 25, 1362-1373.e5.	16.2	153
34	Net cholesterol efflux capacity of HDL enriched serum and coronary atherosclerosis in rheumatoid arthritis. <i>IJC Metabolic & Endocrine</i> , 2016, 13, 6-11.	0.5	15
35	HDL and microRNA therapeutics in cardiovascular disease. , 2016, 168, 43-52.		31
36	Porous Silicon and Polymer Nanocomposites for Delivery of Peptide Nucleic Acids as Anti-MicroRNA Therapies. <i>Advanced Materials</i> , 2016, 28, 7984-7992.	21.0	56

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37	Isolation of High-density Lipoproteins for Non-coding Small RNA Quantification. <i>Journal of Visualized Experiments</i> , 2016, , .	0.3	28
38	Extending gene ontology in the context of extracellular RNA and vesicle communication. <i>Journal of Biomedical Semantics</i> , 2016, 7, 19.	1.6	24
39	Effect of Drug Therapy on Net Cholesterol Efflux Capacity of High-Density Lipoprotein-Enriched Serum in Rheumatoid Arthritis. <i>Arthritis and Rheumatology</i> , 2016, 68, 2099-2105.	5.6	35
40	Lipoprotein carriers of microRNAs. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2016, 1861, 2069-2074.	2.4	103
41	Meeting report: discussions and preliminary findings on extracellular RNA measurement methods from laboratories in the NIH Extracellular RNA Communication Consortium. <i>Journal of Extracellular Vesicles</i> , 2015, 4, 26533.	12.2	51
42	Transfer RNA detection by small RNA deep sequencing and disease association with myelodysplastic syndromes. <i>BMC Genomics</i> , 2015, 16, 727.	2.8	42
43	KRAS-dependent sorting of miRNA to exosomes. <i>ELife</i> , 2015, 4, e07197.	6.0	296
44	Transcriptomic Analysis of Chronic Hepatitis B and C and Liver Cancer Reveals MicroRNA-Mediated Control of Cholesterol Synthesis Programs. <i>MBio</i> , 2015, 6, e01500-15.	4.1	39
45	Dysfunctional high-density lipoproteins in children with chronic kidney disease. <i>Metabolism: Clinical and Experimental</i> , 2015, 64, 263-273.	3.4	54
46	Inhibition of miR-29 has a significant lipid-lowering benefit through suppression of lipogenic programs in liver. <i>Scientific Reports</i> , 2015, 5, 12911.	3.3	66
47	Robust passive and active efflux of cellular cholesterol to a designer functional mimic of high density lipoprotein. <i>Journal of Lipid Research</i> , 2015, 56, 972-985.	4.2	39
48	Utility of Select Plasma MicroRNA for Disease and Cardiovascular Risk Assessment in Patients with Rheumatoid Arthritis. <i>Journal of Rheumatology</i> , 2015, 42, 1746-1751.	2.0	48
49	Mining diverse small RNA species in the deep transcriptome. <i>Trends in Biochemical Sciences</i> , 2015, 40, 4-7.	7.5	60
50	microRNAs in the onset and development of cardiovascular disease. <i>Clinical Science</i> , 2014, 126, 183-194.	4.3	94
51	Human Scavenger Receptor Class B Type I Variants, Lipid Traits, and Cardiovascular Disease. <i>Circulation: Cardiovascular Genetics</i> , 2014, 7, 735-737.	5.1	5
52	Macrophage deficiency of Akt2 reduces atherosclerosis in Ldlr null mice. <i>Journal of Lipid Research</i> , 2014, 55, 2296-2308.	4.2	57
53	Coenzyme Q10 Increases Cholesterol Efflux and Inhibits Atherosclerosis Through MicroRNAs. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2014, 34, 1795-1797.	2.4	22
54	MicroRNA-223 coordinates cholesterol homeostasis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 14518-14523.	7.1	216

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55	HDL-transferred microRNA-223 regulates ICAM-1 expression in endothelial cells. <i>Nature Communications</i> , 2014, 5, 3292.	12.8	343
56	MicroRNA-29 Fine-tunes the Expression of Key FOXA2-Activated Lipid Metabolism Genes and Is Dysregulated in Animal Models of Insulin Resistance and Diabetes. <i>Diabetes</i> , 2014, 63, 3141-3148.	0.6	105
57	HDL and cholesterol: life after the divorce?. <i>Journal of Lipid Research</i> , 2014, 55, 4-12.	4.2	72
58	MicroRNA-27b is a regulatory hub in lipid metabolism and is altered in dyslipidemia. <i>Hepatology</i> , 2013, 57, 533-542.	7.3	196
59	Intercellular Transport of MicroRNAs. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013, 33, 186-192.	2.4	336
60	Complexity of microRNA function and the role of isomiRs in lipid homeostasis. <i>Journal of Lipid Research</i> , 2013, 54, 1182-1191.	4.2	46
61	Small RNA Overcomes the Challenges of Therapeutic Targeting of Microsomal Triglyceride Transfer Protein. <i>Circulation Research</i> , 2013, 113, 1189-1191.	4.5	17
62	Lipid-based carriers of microRNAs and intercellular communication. <i>Current Opinion in Lipidology</i> , 2012, 23, 91-97.	2.7	272
63	MicroRNAs are transported in plasma and delivered to recipient cells by high-density lipoproteins. <i>Nature Cell Biology</i> , 2011, 13, 423-433.	10.3	2,395
64	MicroRNAs in atherosclerosis and lipoprotein metabolism. <i>Current Opinion in Endocrinology, Diabetes and Obesity</i> , 2010, 17, 150-155.	2.3	68
65	The Role of Noncoding "Junk DNA" in Cardiovascular Disease. <i>Clinical Chemistry</i> , 2010, 56, 1518-1520.	3.2	2