

Nicole Noren Hooten

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.

55 papers	7,729 citations	30 h-index	65 g-index
65 ext. papers	10,064 ext. citations	7.9 avg, IF	5.47 L-index

#	Paper	IF	Citations
55	Minimal information for studies of extracellular vesicles 2018 (MISEV2018): a position statement of the International Society for Extracellular Vesicles and update of the MISEV2014 guidelines. <i>Journal of Extracellular Vesicles</i> , 2018 , 7, 1535750	16.4	3642
54	p120 catenin regulates the actin cytoskeleton via Rho family GTPases. <i>Journal of Cell Biology</i> , 2000 , 150, 567-80	7.3	469
53	Cadherin engagement regulates Rho family GTPases. <i>Journal of Biological Chemistry</i> , 2001 , 276, 33305-8	5.4	337
52	microRNA expression patterns reveal differential expression of target genes with age. <i>PLoS ONE</i> , 2010 , 5, e10724	3.7	267
51	The EphB4 receptor suppresses breast cancer cell tumorigenicity through an Abl-Crk pathway. <i>Nature Cell Biology</i> , 2006 , 8, 815-25	23.4	239
50	Interplay between EphB4 on tumor cells and vascular ephrin-B2 regulates tumor growth. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004 , 101, 5583-8	11.5	205
49	Moesin functions antagonistically to the Rho pathway to maintain epithelial integrity. <i>Nature</i> , 2003 , 421, 83-7	50.4	205
48	Age-related changes in microRNA levels in serum. <i>Aging</i> , 2013 , 5, 725-40	5.6	202
47	Markers of oxidant stress that are clinically relevant in aging and age-related disease. <i>Mechanisms of Ageing and Development</i> , 2013 , 134, 139-57	5.6	177
46	Analysis of activated GAPs and GEFs in cell lysates. <i>Methods in Enzymology</i> , 2006 , 406, 425-37	1.7	155
45	Eph receptor-ephrin bidirectional signals that target Ras and Rho proteins. <i>Cellular Signalling</i> , 2004 , 16, 655-66	4.9	152
44	Cadherin engagement inhibits RhoA via p190RhoGAP. <i>Journal of Biological Chemistry</i> , 2003 , 278, 13615-8	5.4	138
43	Age-Related Changes in Plasma Extracellular Vesicle Characteristics and Internalization by Leukocytes. <i>Scientific Reports</i> , 2017 , 7, 1342	4.9	129
42	Regulation of Rho family GTPases by cell-cell and cell-matrix adhesion. <i>Biological Research</i> , 2002 , 35, 239-46	7.6	115
41	Paradoxes of the EphB4 receptor in cancer. <i>Cancer Research</i> , 2007 , 67, 3994-7	10.1	112
40	Altered Extracellular Vesicle Concentration, Cargo, and Function in Diabetes. <i>Diabetes</i> , 2018 , 67, 2377-2388	13.9	111
39	PAR-CLIP analysis uncovers AUF1 impact on target RNA fate and genome integrity. <i>Nature Communications</i> , 2014 , 5, 5248	17.4	108

38	Metformin-mediated increase in DICER1 regulates microRNA expression and cellular senescence. <i>Aging Cell</i> , 2016 , 15, 572-81	9.9	107
37	Biological membranes in EV biogenesis, stability, uptake, and cargo transfer: an ISEV position paper arising from the ISEV membranes and EVs workshop. <i>Journal of Extracellular Vesicles</i> , 2019 , 8, 1684862	16.4	97
36	Poly(ADP-ribose) polymerase 1 (PARP-1) binds to 8-oxoguanine-DNA glycosylase (OGG1). <i>Journal of Biological Chemistry</i> , 2011 , 286, 44679-90	5.4	83
35	Techniques to Induce and Quantify Cellular Senescence. <i>Journal of Visualized Experiments</i> , 2017 ,	1.6	65
34	Ephrin-independent regulation of cell substrate adhesion by the EphB4 receptor. <i>Biochemical Journal</i> , 2009 , 422, 433-42	3.8	51
33	Circulating levels of monocyte chemoattractant protein-1 as a potential measure of biological age in mice and frailty in humans. <i>Aging Cell</i> , 2018 , 17, e12706	9.9	48
32	Association of oxidative DNA damage and C-reactive protein in women at risk for cardiovascular disease. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2012 , 32, 2776-84	9.4	43
31	Antiretroviral Drugs Alter the Content of Extracellular Vesicles from HIV-1-Infected Cells. <i>Scientific Reports</i> , 2018 , 8, 7653	4.9	43
30	Novel age-associated DNA methylation changes and epigenetic age acceleration in middle-aged African Americans and whites. <i>Clinical Epigenetics</i> , 2019 , 11, 119	7.7	37
29	Distribution of p120 catenin during rat brain development: potential role in regulation of cadherin-mediated adhesion and actin cytoskeleton organization. <i>Molecular and Cellular Neurosciences</i> , 2003 , 22, 467-86	4.8	36
28	Racial differences in microRNA and gene expression in hypertensive women. <i>Scientific Reports</i> , 2016 , 6, 35815	4.9	35
27	Alzheimer's disease-associated polymorphisms in human OGG1 alter catalytic activity and sensitize cells to DNA damage. <i>Free Radical Biology and Medicine</i> , 2013 , 63, 115-25	7.8	33
26	Posttranscriptional Regulation of the Inflammatory Marker C-Reactive Protein by the RNA-Binding Protein HuR and MicroRNA 637. <i>Molecular and Cellular Biology</i> , 2015 , 35, 4212-21	4.8	31
25	Coordination of DNA repair by NEIL1 and PARP-1: a possible link to aging. <i>Aging</i> , 2012 , 4, 674-85	5.6	30
24	Extracellular vesicles as signaling mediators in type 2 diabetes mellitus. <i>American Journal of Physiology - Cell Physiology</i> , 2020 , 318, C1189-C1199	5.4	24
23	Extracellular RNA in aging. <i>Wiley Interdisciplinary Reviews RNA</i> , 2017 , 8, e1385	9.3	19
22	Mitochondrial DNA in extracellular vesicles declines with age. <i>Aging Cell</i> , 2021 , 20, e13283	9.9	18
21	CRP Stimulates GDF15 Expression in Endothelial Cells through p53. <i>Mediators of Inflammation</i> , 2018 , 2018, 8278039	4.3	18

20	Extracellular vesicles in diabetes mellitus induce alterations in endothelial cell morphology and migration. <i>Journal of Translational Medicine</i> , 2020 , 18, 230	8.5	17
19	MicroRNAs Modulate Oxidative Stress in Hypertension through PARP-1 Regulation. <i>Oxidative Medicine and Cellular Longevity</i> , 2017 , 2017, 3984280	6.7	17
18	Protective Effects of BDNF against C-Reactive Protein-Induced Inflammation in Women. <i>Mediators of Inflammation</i> , 2015 , 2015, 516783	4.3	16
17	Extracellular RNA profiles with human age. <i>Aging Cell</i> , 2018 , 17, e12785	9.9	16
16	Loss of RNA-binding protein GRSF1 activates mTOR to elicit a proinflammatory transcriptional program. <i>Nucleic Acids Research</i> , 2019 , 47, 2472-2486	20.1	14
15	Age and poverty status alter the coding and noncoding transcriptome. <i>Aging</i> , 2019 , 11, 1189-1203	5.6	11
14	Extracellular vesicles and extracellular RNA in aging and age-related disease. <i>Translational Medicine of Aging</i> , 2020 , 4, 96-98	2.7	11
13	Frailty in middle age is associated with frailty status and race-specific changes to the transcriptome. <i>Aging</i> , 2019 , 11, 5518-5534	5.6	10
12	Association of Extracellular Vesicle Protein Cargo with Race and Clinical Markers of Mortality. <i>Scientific Reports</i> , 2019 , 9, 17582	4.9	8
11	The Accelerated Aging Phenotype: The role of race and social determinants of health on aging. <i>Ageing Research Reviews</i> , 2021 , 73, 101536	12	5
10	Low-Level Ionizing Radiation Induces Selective Killing of HIV-1-Infected Cells with Reversal of Cytokine Induction Using mTOR Inhibitors. <i>Viruses</i> , 2020 , 12,	6.2	4
9	Ultra-cheap and scalable epigenetic age predictions with TIME-Seq		2
8	Age- and Race-Related Changes in Subpopulations of Peripheral Blood Lymphocytes in Humans 2018 , 1-30		1
7	MicroRNA-1253 Regulation of WASF2 (WAVE2) and its Relevance to Racial Health Disparities. <i>Genes</i> , 2020 , 11,	4.2	1
6	The association between poverty and gene expression within peripheral blood mononuclear cells in a diverse Baltimore City cohort. <i>PLoS ONE</i> , 2020 , 15, e0239654	3.7	1
5	Association between GDF15, poverty and mortality in urban middle-aged African American and white adults. <i>PLoS ONE</i> , 2020 , 15, e0237059	3.7	1
4	Mitochondria as extracellular vesicle cargo in aging. <i>Aging</i> , 2021 , 13, 17957-17958	5.6	1
3	Plasma neurofilament light as a potential biomarker for cognitive decline in a longitudinal study of middle-aged urban adults. <i>Translational Psychiatry</i> , 2021 , 11, 436	8.6	1

- 2 B-104 Presence of HIV-1 RNA in extracellular vesicles from HIV-1 cART-treated cells. *Journal of Acquired Immune Deficiency Syndromes (1999)*, **2019**, 81, 36-36 3.1
- 1 APOE gene region methylation is associated with cognitive performance in middle-aged urban adults.. *Neurobiology of Aging*, **2022**, 116, 41-48 5.6