

# Sarah U Morton

## List of Publications by Year in descending order

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Version: 2024-02-01

39  
papers

1,372  
citations

566801

15  
h-index

395343

33  
g-index

42  
all docs

42  
docs citations

42  
times ranked

3151  
citing authors

#	ARTICLE	IF	CITATIONS
1	Contribution of rare inherited and de novo variants in 2,871 congenital heart disease probands. <i>Nature Genetics</i> , 2017, 49, 1593-1601.	9.4	624
2	Genomic analyses implicate noncoding de novo variants in congenital heart disease. <i>Nature Genetics</i> , 2020, 52, 769-777.	9.4	97
3	Genomic frontiers in congenital heart disease. <i>Nature Reviews Cardiology</i> , 2022, 19, 26-42.	6.1	93
4	Genome sequencing as a first-line genetic test in familial dilated cardiomyopathy. <i>Genetics in Medicine</i> , 2019, 21, 650-662.	1.1	52
5	<i>Paenibacillus</i> infection with frequent viral coinfection contributes to postinfectious hydrocephalus in Ugandan infants. <i>Science Translational Medicine</i> , 2020, 12, .	5.8	39
6	Transcription factor protein interactomes reveal genetic determinants in heart disease. <i>Cell</i> , 2022, 185, 794-814.e30.	13.5	39
7	Psychosocial Stress and Adversity: Effects from the Perinatal Period to Adulthood. <i>NeoReviews</i> , 2019, 20, e686-e696.	0.4	35
8	Association of Damaging Variants in Genes With Increased Cancer Risk Among Patients With Congenital Heart Disease. <i>JAMA Cardiology</i> , 2021, 6, 457.	3.0	34
9	Treatment options for apnoea of prematurity. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2016, 101, F352-F356.	1.4	33
10	GATA6 mutations in hiPSCs inform mechanisms for maldevelopment of the heart, pancreas, and diaphragm. <i>ELife</i> , 2020, 9, .	2.8	31
11	De Novo Damaging Variants, Clinical Phenotypes, and Post-Operative Outcomes in Congenital Heart Disease. <i>Circulation Genomic and Precision Medicine</i> , 2020, 13, e002836.	1.6	30
12	Mechanisms of Congenital Heart Disease Caused by NAA15 Haploinsufficiency. <i>Circulation Research</i> , 2021, 128, 1156-1169.	2.0	27
13	Rare genetic variation at transcription factor binding sites modulates local DNA methylation profiles. <i>PLoS Genetics</i> , 2020, 16, e1009189.	1.5	27
14	Genome-Wide Association Study Identifies a Susceptibility Locus for Comitant Esotropia and Suggests a Parent-of-Origin Effect. , 2018, 59, 4054.		21
15	Abnormal Left-Hemispheric Sulcal Patterns Correlate with Neurodevelopmental Outcomes in Subjects with Single Ventricular Congenital Heart Disease. <i>Cerebral Cortex</i> , 2020, 30, 476-487.	1.6	17
16	EM-mosaic detects mosaic point mutations that contribute to congenital heart disease. <i>Genome Medicine</i> , 2020, 12, 42.	3.6	17
17	Maternal Dietary Intake of Omega-3 Fatty Acids Correlates Positively with Regional Brain Volumes in 1-Month-Old Term Infants. <i>Cerebral Cortex</i> , 2020, 30, 2057-2069.	1.6	15
18	Mammalian Hbs1L deficiency causes congenital anomalies and developmental delay associated with Pelota depletion and 80S monosome accumulation. <i>PLoS Genetics</i> , 2019, 15, e1007917.	1.5	15

#	ARTICLE	IF	CITATIONS
19	Association of nucleated red blood cell count with mortality among neonatal intensive care unit patients. <i>Pediatrics and Neonatology</i> , 2020, 61, 592-597.	0.3	12
20	Immune activation during <i>Paenibacillus</i> brain infection in African infants with frequent cytomegalovirus co-infection. <i>IScience</i> , 2021, 24, 102351.	1.9	10
21	Reducing Benzodiazepine Exposure by Instituting a Guideline for Dexmedetomidine Usage in the NICU. <i>Pediatrics</i> , 2021, 148, .	1.0	10
22	Skeletal Muscle MicroRNA and Messenger RNA Profiling in Cofilin-2 Deficient Mice Reveals Cell Cycle Dysregulation Hindering Muscle Regeneration. <i>PLoS ONE</i> , 2015, 10, e0123829.	1.1	9
23	Separating Putative Pathogens from Background Contamination with Principal Orthogonal Decomposition: Evidence for <i>Leptospira</i> in the Ugandan Neonatal Septisome. <i>Frontiers in Medicine</i> , 2016, 3, 22.	1.2	8
24	Congenital Heart Defects Due to <i>TAF1</i> Missense Variants. <i>Circulation Genomic and Precision Medicine</i> , 2020, 13, e002843.	1.6	8
25	Genome-Wide De Novo Variants in Congenital Heart Disease Are Not Associated With Maternal Diabetes or Obesity. <i>Circulation Genomic and Precision Medicine</i> , 2022, 15, CIRCGEN121003500.	1.6	8
26	Quantification of magnetic resonance spectroscopy data using a combined reference: Application in typically developing infants. <i>NMR in Biomedicine</i> , 2021, 34, e4520.	1.6	7
27	Multicenter Consensus Approach to Evaluation of Neonatal Hypotonia in the Genomic Era: A Review. <i>JAMA Neurology</i> , 2022, 79, 405.	4.5	7
28	Reducing time to initiation and advancement of enteral feeding in an all-referral neonatal intensive care unit. <i>Journal of Perinatology</i> , 2018, 38, 936-943.	0.9	5
29	microRNA-mRNA Profile of Skeletal Muscle Differentiation and Relevance to Congenital Myotonic Dystrophy. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2692.	1.8	5
30	Neither cardiac mitochondrial DNA variation nor copy number contribute to congenital heart disease risk. <i>American Journal of Human Genetics</i> , 2022, 109, 961-966.	2.6	5
31	Screening With Reticulocyte Hemoglobin Increased Iron Sufficiency Among NICU Patients. <i>Pediatric Quality &amp; Safety</i> , 2020, 5, e258.	0.4	4
32	Abnormal Right-Hemispheric Sulcal Patterns Correlate with Executive Function in Adolescents with Tetralogy of Fallot. <i>Cerebral Cortex</i> , 2021, 31, 4670-4680.	1.6	4
33	An ancient founder mutation located between <i>ROBO1</i> and <i>ROBO2</i> is responsible for increased microtia risk in Amerindigenous populations. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e2203928119.	3.3	4
34	Assessment of Maternal Macular Pigment Optical Density (MPOD) as a Potential Marker for Dietary Carotenoid Intake during Lactation in Humans. <i>Nutrients</i> , 2022, 14, 182.	1.7	3
35	Cytomegalovirus Infections in Ugandan Infants: Newborn-Mother Pairs, Neonates with Sepsis, and Infants with Hydrocephalus. <i>International Journal of Infectious Diseases</i> , 2022, , .	1.5	2
36	Training pathways and careers for neonatologists interested in cardiovascular care. <i>Journal of Perinatology</i> , 2022, 42, 534-539.	0.9	2

#	ARTICLE	IF	CITATIONS
37	Increased Breastfeeding Proportion Is Associated with Improved Gross Motor Skills at 3–5 Years of Age: A Pilot Study. <i>Nutrients</i> , 2022, 14, 2215.	1.7	2
38	A Role for Data Science in Precision Nutrition and Early Brain Development. <i>Frontiers in Psychiatry</i> , 0, 13, .	1.3	1
39	Response to Brodehl et al.. <i>Genetics in Medicine</i> , 2019, 21, 1248-1249.	1.1	0