Sarah U Morton

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6135907/publications.pdf

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39 papers	1,372 citations	567281 15 h-index	395702 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. Nature Genetics, 2017, 49, 1593-1601.	21.4	624
2	Genomic analyses implicate noncoding de novo variants in congenital heart disease. Nature Genetics, 2020, 52, 769-777.	21.4	97
3	Genomic frontiers in congenital heart disease. Nature Reviews Cardiology, 2022, 19, 26-42.	13.7	93
4	Genome sequencing as a first-line genetic test in familial dilated cardiomyopathy. Genetics in Medicine, 2019, 21, 650-662.	2.4	52
5	Paenibacillus infection with frequent viral coinfection contributes to postinfectious hydrocephalus in Ugandan infants. Science Translational Medicine, 2020, 12, .	12.4	39
6	Transcription factor protein interactomes reveal genetic determinants in heart disease. Cell, 2022, 185, 794-814.e30.	28.9	39
7	Psychosocial Stress and Adversity: Effects from the Perinatal Period to Adulthood. NeoReviews, 2019, 20, e686-e696.	0.8	35
8	Association of Damaging Variants in Genes With Increased Cancer Risk Among Patients With Congenital Heart Disease. JAMA Cardiology, 2021, 6, 457.	6.1	34
9	Treatment options for apnoea of prematurity. Archives of Disease in Childhood: Fetal and Neonatal Edition, 2016, 101, F352-F356.	2.8	33
10	GATA6 mutations in hiPSCs inform mechanisms for maldevelopment of the heart, pancreas, and diaphragm. ELife, 2020, 9, .	6.0	31
11	De Novo Damaging Variants, Clinical Phenotypes, and Post-Operative Outcomes in Congenital Heart Disease. Circulation Genomic and Precision Medicine, 2020, 13, e002836.	3.6	30
12	Mechanisms of Congenital Heart Disease Caused by NAA15 Haploinsufficiency. Circulation Research, 2021, 128, 1156-1169.	4.5	27
13	Rare genetic variation at transcription factor binding sites modulates local DNA methylation profiles. PLoS Genetics, 2020, 16, e1009189.	3.5	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. Cerebral Cortex, 2020, 30, 476-487.	2.9	17
16	EM-mosaic detects mosaic point mutations that contribute to congenital heart disease. Genome Medicine, 2020, 12, 42.	8.2	17
17	Maternal Dietary Intake of Omega-3 Fatty Acids Correlates Positively with Regional Brain Volumes in 1-Month-Old Term Infants. Cerebral Cortex, 2020, 30, 2057-2069.	2.9	15
18	Mammalian Hbs1L deficiency causes congenital anomalies and developmental delay associated with Pelota depletion and 80S monosome accumulation. PLoS Genetics, 2019, 15, e1007917.	3.5	15

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19	Association of nucleated red blood cell count with mortality among neonatal intensive care unit patients. Pediatrics and Neonatology, 2020, 61, 592-597.	0.9	12
20	Immune activation during Paenibacillus brain infection in African infants with frequent cytomegalovirus co-infection. IScience, 2021, 24, 102351.	4.1	10
21	Reducing Benzodiazepine Exposure by Instituting a Guideline for Dexmedetomidine Usage in the NICU. Pediatrics, 2021, 148, .	2.1	10
22	Skeletal Muscle MicroRNA and Messenger RNA Profiling in Cofilin-2 Deficient Mice Reveals Cell Cycle Dysregulation Hindering Muscle Regeneration. PLoS ONE, 2015, 10, e0123829.	2.5	9
23	Separating Putative Pathogens from Background Contamination with Principal Orthogonal Decomposition: Evidence for Leptospira in the Ugandan Neonatal Septisome. Frontiers in Medicine, 2016, 3, 22.	2.6	8
24	Congenital Heart Defects Due to TAF1 Missense Variants. Circulation Genomic and Precision Medicine, 2020, 13, e002843.	3.6	8
25	Genome-Wide De Novo Variants in Congenital Heart Disease Are Not Associated With Maternal Diabetes or Obesity. Circulation Genomic and Precision Medicine, 2022, 15, CIRCGEN121003500.	3.6	8
26	Quantification of magnetic resonance spectroscopy data using a combined reference: Application in typically developing infants. NMR in Biomedicine, 2021, 34, e4520.	2.8	7
27	Multicenter Consensus Approach to Evaluation of Neonatal Hypotonia in the Genomic Era: A Review. JAMA Neurology, 2022, 79, 405.	9.0	7
28	Reducing time to initiation and advancement of enteral feeding in an all-referral neonatal intensive care unit. Journal of Perinatology, 2018, 38, 936-943.	2.0	5
29	microRNA-mRNA Profile of Skeletal Muscle Differentiation and Relevance to Congenital Myotonic Dystrophy. International Journal of Molecular Sciences, 2021, 22, 2692.	4.1	5
30	Neither cardiac mitochondrial DNA variation nor copy number contribute to congenital heart disease risk. American Journal of Human Genetics, 2022, 109, 961-966.	6.2	5
31	Screening With Reticulocyte Hemoglobin Increased Iron Sufficiency Among NICU Patients. Pediatric Quality & Safety, 2020, 5, e258.	0.8	4
32	Abnormal Right-Hemispheric Sulcal Patterns Correlate with Executive Function in Adolescents with Tetralogy of Fallot. Cerebral Cortex, 2021, 31, 4670-4680.	2.9	4
33	An ancient founder mutation located betweenROBO1andROBO2is responsible for increased microtia risk in Amerindigenous populations. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2203928119.	7.1	4
34	Assessment of Maternal Macular Pigment Optical Density (MPOD) as a Potential Marker for Dietary Carotenoid Intake during Lactation in Humans. Nutrients, 2022, 14, 182.	4.1	3
35	Cytomegalovirus Infections in Ugandan Infants: Newborn-Mother Pairs, Neonates with Sepsis, and Infants with Hydrocephalus. International Journal of Infectious Diseases, 2022, , .	3.3	2
36	Training pathways and careers for neonatologists interested in cardiovascular care. Journal of Perinatology, 2022, 42, 534-539.	2.0	2

#	Article	IF	Citations
37	Increased Breastfeeding Proportion Is Associated with Improved Gross Motor Skills at 3â€“5 Years of Age: A Pilot Study. Nutrients, 2022, 14, 2215.	4.1	2
38	A Role for Data Science in Precision Nutrition and Early Brain Development. Frontiers in Psychiatry, 0, 13, .	2.6	1
39	Response to Brodehl et al.. Genetics in Medicine, 2019, 21, 1248-1249.	2.4	0