Lars A Larsen

List of Publications by Year
in descending order

31 papers	1,480 citations	516710 16 h-index	414414 32 g-index
37 all docs	37 docs citations	37 times ranked	2811 citing authors

#	Article	IF	Citations
1	TGF-Î² Signaling Is Associated with Endocytosis at the Pocket Region of the Primary Cilium. Cell Reports, 2013, 3, 1806-1814.	6.4	248
2	Of mice and men: molecular genetics of congenital heart disease. Cellular and Molecular Life Sciences, 2014, 71, 1327-1352.	5.4	159
3	Genetic and environmental risk factors in congenital heart disease functionally converge in protein networks driving heart development. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 14035-14040.	7.1	117
4	High frequency of submicroscopic genomic aberrations detected by tiling path array comparative genome hybridisation in patients with isolated congenital heart disease. Journal of Medical Genetics, 2008, 45, 704-709.	3.2	110
5	Haploinsufficiency of TAB2 Causes Congenital Heart Defects in Humans. American Journal of Human Genetics, 2010, 86, 839-849.	6.2	97
6	The primary cilium coordinates early cardiogenesis and hedgehog signaling in cardiomyocyte differentiation. Journal of Cell Science, 2009, 122, 3070-3082.	2.0	91
7	Familial Atrial Septal Defect and Sudden Cardiac Death: Identification of a NovelNKX2-5Mutation and a Review of the Literature. Congenital Heart Disease, 2016, 11, 283-290.	0.2	81
8	Dissecting spatioâ€temporal protein networks driving human heart development and related disorders. Molecular Systems Biology, 2010, 6, 381.	7.2	80
9	Cilia and coordination of signaling networks during heart development. Organogenesis, 2014, 10, 108-125.	1.2	77
10	CEP128 Localizes to the Subdistal Appendages of the Mother Centriole and Regulates TGF-Î²/BMP Signaling at the Primary Cilium. Cell Reports, 2018, 22, 2584-2592.	6.4	59
11	IFT20 modulates ciliary PDGFRÎ± signaling by regulating the stability of Cbl E3 ubiquitin ligases. Journal of Cell Biology, 2018, 217, 151-161.	5.2	54
12	RRP7A links primary microcephaly to dysfunction of ribosome biogenesis, resorption of primary cilia, and neurogenesis. Nature Communications, 2020, 11, 5816.	12.8	34
13	Familial co-occurrence of congenital heart defects follows distinct patterns. European Heart Journal, 2018, 39, 1015-1022.	2.2	32
14	Screening of congenital heart disease patients using multiplex ligationâ€dependent probe amplification: Early diagnosis of syndromic patients. American Journal of Medical Genetics, Part A, 2012, 158A, 720-725.	1.2	27
15	Single-strand conformation polymorphism analysis using capillary array electrophoresis for large-scale mutation detection. Nature Protocols, 2007, 2, 1458-1466.	12.0	20
16	The E3 ubiquitin ligase SMURF1 regulates cell-fate specification and outflow tract septation during mammalian heart development. Scientific Reports, 2018, 8, 9542.	3.3	20
17	Model system identification of novel congenital heart disease gene candidates: focus on RPL13. Human Molecular Genetics, 2019, 28, 3954-3969.	2.9	19
18	Integrative analysis of genomic variants reveals new associations of candidate haploinsufficient genes with congenital heart disease. PLoS Genetics, 2021, 17, e1009679.	3.5	17

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19	Using Nucleofection of siRNA Constructs for Knockdown of Primary Cilia in P19.CL6 Cancer Stem Cell Differentiation into Cardiomyocytes. Methods in Cell Biology, 2009, 94, 181-197.	1.1	16
20	A novel splice site mutation in CEP135 is associated with primary microcephaly in a Pakistani family. Journal of Human Genetics, 2016, 61, 271-273.	2.3	16
21	Mutation of the Planar Cell Polarity Gene VANGL1 in Adolescent Idiopathic Scoliosis. Spine, 2017, 42, E702-E707.	2.0	16
22	Patient-specific three-dimensional explant spheroids derived from human nasal airway epithelium: a simple methodological approach for ex vivo studies of primary ciliary dyskinesia. Cilia, 2017, 6, 3.	1.8	16
23	Systems genetics analysis identifies calcium-signaling defects as novel cause of congenital heart disease. Genome Medicine, 2020, 12, 76.	8.2	15
24	Challenges for the Sustainability of University-Run Biobanks. Biopreservation and Biobanking, 2018, 16, 312-321.	1.0	12
25	Haploinsufficiency of ARHGAP42 is associated with hypertension. European Journal of Human Genetics, 2019, 27, 1296-1303.	2.8	12
26	A novel mutation in CDK5RAP2 gene causes primary microcephaly with speech impairment and sparse eyebrows in a consanguineous Pakistani family. European Journal of Medical Genetics, 2017, 60, 627-630.	1.3	10
27	Mutation burden in patients with small unrepaired atrial septal defects. International Journal of Cardiology Congenital Heart Disease, 2021, 4, 100164.	0.4	6
28	How Suitable Are Registry Data for Recurrence Risk Calculations? Validation of Diagnoses on 1,593 Families With Congenital Heart Disease. World Journal for Pediatric & Congenital Heart Surgery, 2016, 7, 169-177.	0.8	5
29	MCPH1: A Novel Case Report and a Review of the Literature. Genes, 2022, 13, 634.	2.4	5
30	Molecular characterization of two patients with de novo interstitial deletions in 4q22â€“q24. American Journal of Medical Genetics, Part A, 2009, 149A, 1830-1833.	1.2	4
31	Comparison of Outcome in Patients With Familial Versus Spontaneous Atrial Septal Defect. American Journal of Cardiology, 2022, 173, 128-131.	1.6	2