Mona Nemer

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2296452/publications.pdf

Version: 2024-02-01

52 papers	4,414 citations	159585 30 h-index	197818 49 g-index
52 all docs	52 docs citations	52 times ranked	4913 citing authors

#	Article	IF	Citations
1	A Murine Model of Holt-Oram Syndrome Defines Roles of the T-Box Transcription Factor Tbx5 in Cardiogenesis and Disease. Cell, 2001, 106, 709-721.	28.9	957
2	GATA-4 and Nkx-2.5 Coactivate Nkx-2 DNA Binding Targets: Role for Regulating Early Cardiac Gene Expression. Molecular and Cellular Biology, 1998, 18, 3405-3415.	2.3	295
3	Essential role of GATA-4 in cell survival and drug-induced cardiotoxicity. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 6975-6980.	7.1	251
4	Cooperative Interaction between GATA-4 and GATA-6 Regulates Myocardial Gene Expression. Molecular and Cellular Biology, 1999, 19, 4355-4365.	2.3	223
5	Tissue-specific GATA factors are transcriptional effectors of the small GTPase RhoA. Genes and Development, 2001, 15, 2702-2719.	5.9	206
6	Tbx20 dose-dependently regulates transcription factor networks required for mouse heart and motoneuron development. Development (Cambridge), 2005, 132, 2463-2474.	2.5	205
7	A novel mutation in theGATA4 gene in patients with Tetralogy of Fallot. Human Mutation, 2006, 27, 293-294.	2.5	166
8	Loss of Gata5 in mice leads to bicuspid aortic valve. Journal of Clinical Investigation, 2011, 121, 2876-2887.	8.2	155
9	Transcriptional activation of BMP-4 and regulation of mammalian organogenesis by GATA-4 and -6. Developmental Biology, 2003, 254, 131-148.	2.0	153
10	Reptilian heart development and the molecular basis of cardiac chamber evolution. Nature, 2009, 461, 95-98.	27.8	135
11	Genetic insights into normal and abnormal heart development. Cardiovascular Pathology, 2008, 17, 48-54.	1.6	131
12	GATA-4 Is a Nuclear Mediator of Mechanical Stretch-activated Hypertrophic Program. Journal of Biological Chemistry, 2003, 278, 23807-23816.	3.4	106
13	Combinatorial interactions regulating cardiac transcription. , 1998, 22, 250-262.		91
14	GATA5 interacts with GATA4 and GATA6 in outflow tract development. Developmental Biology, 2011, 358, 368-378.	2.0	86
15	Cooperative interaction between GATA5 and NF-ATc regulates endothelial-endocardial differentiation of cardiogenic cells. Development (Cambridge), 2002, 129, 4045-4055.	2.5	82
16	Glutaredoxin-2 Is Required to Control Oxidative Phosphorylation in Cardiac Muscle by Mediating Deglutathionylation Reactions. Journal of Biological Chemistry, 2014, 289, 14812-14828.	3.4	81
17	The Kruppel-like transcription factor KLF13 is a novel regulator of heart development. EMBO Journal, 2006, 25, 5201-5213.	7.8	79
18	C1q-TNF-Related Protein-9 Promotes Cardiac Hypertrophy and Failure. Circulation Research, 2017, 120, 66-77.	4.5	77

#	Article	IF	Citations
19	Convergence of Protein Kinase C and JAK-STAT Signaling on Transcription Factor GATA-4. Molecular and Cellular Biology, 2005, 25, 9829-9844.	2.3	64
20	GATA6 Regulates Aortic Valve Remodeling, and Its Haploinsufficiency Leads to Right-Left Type Bicuspid Aortic Valve. Circulation, 2018, 138, 1025-1038.	1.6	63
21	GATA-4 Is an Angiogenic Survival Factor of the Infarcted Heart. Circulation: Heart Failure, 2010, 3, 440-450.	3.9	62
22	Regulation of heart development and function through combinatorial interactions of transcription factors. Annals of Medicine, 2001, 33, 604-610.	3.8	59
23	An endocardial pathway involving Tbx5, Gata4, and Nos3 required for atrial septum formation. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 19356-19361.	7.1	59
24	Genetic Insights into Bicuspid Aortic Valve Formation. Cardiology Research and Practice, 2012, 2012, 1-8.	1.1	55
25	Cardiac Natriuretic Peptides: From Basic Discovery to Clinical Practice. Cardiovascular Therapeutics, 2011, 29, 362-376.	2.5	50
26	Distinct Expression and Function of Alternatively Spliced Tbx5 Isoforms in Cell Growth and Differentiation. Molecular and Cellular Biology, 2008, 28, 4052-4067.	2.3	49
27	Cooperative interaction between GATA5 and NF-ATc regulates endothelial-endocardial differentiation of cardiogenic cells. Development (Cambridge), 2002, 129, 4045-55.	2.5	39
28	Ageing is a risk factor in imatinib mesylate cardiotoxicity. European Journal of Heart Failure, 2014, 16, 367-376.	7.1	36
29	Endothelial Gata5 transcription factor regulates blood pressure. Nature Communications, 2015, 6, 8835.	12.8	35
30	Glutaredoxin-2 controls cardiac mitochondrial dynamics and energetics in mice, and protects against human cardiac pathologies. Redox Biology, 2018, 14, 509-521.	9.0	35
31	From embryogenesis to adulthood: Critical role for GATA factors in heart development and function. IUBMB Life, 2020, 72, 53-67.	3.4	35
32	Dissociation of Cardiogenic and Postnatal Myocardial Activities of GATA4. Molecular and Cellular Biology, 2012, 32, 2214-2223.	2.3	34
33	Cyclin D2 is a GATA4 cofactor in cardiogenesis. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 1415-1420.	7.1	32
34	The Zinc Finger-Only Protein Zfp260 Is a Novel Cardiac Regulator and a Nuclear Effector of Î±1-Adrenergic Signaling. Molecular and Cellular Biology, 2005, 25, 8669-8682.	2.3	26
35	Carboxy terminus of GATA4 transcription factor is required for its cardiogenic activity and interaction with CDK4. Mechanisms of Development, 2014, 134, 31-41.	1.7	25
36	Nuclear Receptor-Like Structure and Interaction of Congenital Heart Disease-Associated Factors GATA4 and NKX2-5. PLoS ONE, 2015, 10, e0144145.	2.5	25

#	Article	IF	Citations
37	GATA 5 mutation homozygosity linked to a double outlet right ventricle phenotype in a Lebanese patient. Molecular Genetics & Genomic Medicine, 2016, 4, 160-171.	1.2	25
38	T-box factors: Insights into the evolutionary emergence of the complex heart. Annals of Medicine, 2012, 44, 680-693.	3.8	21
39	KLF13 is a genetic modifier of the Holt-Oram syndrome gene TBX5. Human Molecular Genetics, 2017, 26, 942-954.	2.9	21
40	Cyclin D₂ rescues size and function of GATA4 haplo-insufficient hearts. American Journal of Physiology - Heart and Circulatory Physiology, 2012, 303, H1057-H1066.	3.2	17
41	GATA6 is a regulator of sinus node development and heart rhythm. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	12
42	Transcription factor PEX1 modulates extracellular matrix turnover through regulation of MMP-9 expression. Cell and Tissue Research, 2017, 367, 369-385.	2.9	10
43	Amplified pathogenic actions of angiotensin II in cysteineâ€rich LIMâ€only protein 4â€“negative mouse hearts. FASEB Journal, 2017, 31, 1620-1638.	0.5	9
44	GATA4 in Heart Development and Disease. , 2010, , 599-616.		7
45	Novel Exons in the Tbx5 Gene Locus Generate Protein Isoforms with Distinct Expression Domains and Function. Journal of Biological Chemistry, 2015, 290, 6844-6856.	3.4	7
46	Synthesis of Sialyl Lewis^X Glycomimetics Bearing a Bicyclic 3-O,4-C-Fused Galactopyranoside Scaffold. Journal of Organic Chemistry, 2019, 84, 7372-7387.	3.2	6
47	Identification of a C3â€²-nitrile nucleoside analogue inhibitor of pancreatic cancer cell line growth. Bioorganic and Medicinal Chemistry Letters, 2020, 30, 126983.	2.2	5
48	Combinatorial interactions regulating cardiac transcription. Genesis, 1998, 22, 250-262.	2.1	4
49	Guiding Cardiac Conduction With GATA. Circulation: Cardiovascular Genetics, 2015, 8, 247-249.	5.1	3
50	Nucleotide Analogues Bearing a C2â€² or C3â€²-Stereogenic All-Carbon Quaternary Center as SARS-CoV-2 RdRp Inhibitors. Molecules, 2022, 27, 564.	3.8	3
51	Repairing hearts with AKT. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 13131-13132.	7.1	1
52	Clr-f expression regulates kidney immune and metabolic homeostasis. Scientific Reports, 2022, 12, 4834.	3.3	1