Fred B Berry

List of Publications by Year
in descending order

24 papers	1,087 citations	567144 15 h-index	794469 19 g-index
28 all docs	28 docs citations	28 times ranked	1586 citing authors

#	Article	IF	Citations
1	Functional interactions between FOXC1 and PITX2 underlie the sensitivity to FOXC1 gene dose in Axenfeldâ€“Rieger syndrome and anterior segment dysgenesis. Human Molecular Genetics, 2006, 15, 905-919.	1.4	137
2	Analyses of the Effects That Disease-Causing Missense Mutations Have on the Structure and Function of the Winged-Helix Protein FOXC1. American Journal of Human Genetics, 2001, 68, 627-641.	2.6	110
3	FOXC1 is required for cell viability and resistance to oxidative stress in the eye through the transcriptional regulation of FOXO1A. Human Molecular Genetics, 2008, 17, 490-505.	1.4	94
4	FOXC1 Transcriptional Regulation Is Mediated by N- and C-terminal Activation Domains and Contains a Phosphorylated Transcriptional Inhibitory Domain. Journal of Biological Chemistry, 2002, 277, 10292-10297.	1.6	81
5	Structural and functional analyses of disease-causing missense mutations in the forkhead domain of FOXC1. Human Molecular Genetics, 2003, 12, 2993-3005.	1.4	77
6	Positive and Negative Regulation of Myogenic Differentiation of C2C12 Cells by Isoforms of the Multiple Homeodomain Zinc Finger Transcription Factor ATBF1. Journal of Biological Chemistry, 2001, 276, 25057-25065.	1.6	75
7	Contribution of growth differentiation factor 6-dependent cell survival to early-onset retinal dystrophies. Human Molecular Genetics, 2013, 22, 1432-1442.	1.4	56
8	FOXC1 Transcriptional Regulatory Activity Is Impaired by PBX1 in a Filamin A-Mediated Manner. Molecular and Cellular Biology, 2005, 25, 1415-1424.	1.1	54
9	The establishment of a predictive mutational model of the forkhead domain through the analyses of FOXC2 missense mutations identified in patients with hereditary lymphedema with distichiasis. Human Molecular Genetics, 2005, 14, 2619-2627.	1.4	52
10	Severe Molecular Defects of a NovelFOXC1 W152GMutation Result in Aniridia. , 2009, 50, 3573.		49
11	Regulation of FOXC1 Stability and Transcriptional Activity by an Epidermal Growth Factor-activated Mitogen-activated Protein Kinase Signaling Cascade. Journal of Biological Chemistry, 2006, 281, 10098-10104.	1.6	46
12	FGF19 is a target for FOXC1 regulation in ciliary body-derived cells. Human Molecular Genetics, 2006, 15, 3229-3240.	1.4	38
13	Muscle dysfunction caused by loss ofMagel2in a mouse model of Prader-Willi and Schaaf-Yang syndromes. Human Molecular Genetics, 2016, 25, 3798-3809.	1.4	38
14	Initiation of Early Osteoblast Differentiation Events through the Direct Transcriptional Regulation of Msx2 by FOXC1. PLoS ONE, 2012, 7, e49095.	1.1	33
15	Foxc1 Expression in Early Osteogenic Differentiation Is Regulated by BMP4â€“SMAD Activity. Journal of Cellular Biochemistry, 2016, 117, 1707-1717.	1.2	31
16	PITX2 Is Involved in Stress Response in Cultured Human Trabecular Meshwork Cells through Regulation of SLC13A3. , 2011, 52, 7625.		29
17	Human p32 Is a Novel FOXC1-Interacting Protein That Regulates FOXC1 Transcriptional Activity in Ocular Cells. , 2008, 49, 5243.		27
18	FOXC1 Regulates FGFR1 Isoform Switching to Promote Invasion Following TGFÎ²-Induced EMT. Molecular Cancer Research, 2017, 15, 1341-1353.	1.5	21

#	Article	IF	Citations
19	Molecular analysis of NPAS3 functional domains and variants. BMC Molecular Biology, 2018, 19, 14.	3.0	14
20	A Novel Locus Predicts Spermatogenic Recovery among Childhood Cancer Survivors Exposed to Alkylating Agents. Cancer Research, 2020, 80, 3755-3764.	0.4	11
21	FOXC1 negatively regulates BMPâ€SMAD activity and Id1 expression during osteoblast differentiation. Journal of Cellular Biochemistry, 2020, 121, 3266-3277.	1.2	8
22	Loss of Foxc1 and Foxc2 function in chondroprogenitor cells disrupts endochondral ossification. Journal of Biological Chemistry, 2021, 297, 101020.	1.6	5
23	FOXC1 regulates BMPâ€SMAD activity in a context dependent manner during osteogenic development events. FASEB Journal, 2012, 26, 922.13.	0.2	0
24	Functional Analysis of FOXC1 in TGFâ€Î²2 Mediated Epithelial to Mesenchymal Transition. FASEB Journal, 2015, 29, .	0.2	0