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	Loss of Foxc1 and Foxc2 function in chondroprogenitor cells disrupts endochondral ossification. Journal of Biological Chemistry, 2021, 297, 101020.	1.6	5
2	FOXC1 negatively regulates BMPâ€SMAD activity and Id1 expression during osteoblast differentiation. Journal of Cellular Biochemistry, 2020, 121, 3266-3277.	1.2	8
3	A Novel Locus Predicts Spermatogenic Recovery among Childhood Cancer Survivors Exposed to Alkylating Agents. Cancer Research, 2020, 80, 3755-3764.	0.4	11
4	Molecular analysis of NPAS3 functional domains and variants. BMC Molecular Biology, 2018, 19, 14.	3.0	14
5	FOXC1 Regulates FGFR1 Isoform Switching to Promote Invasion Following TGFÎ²-Induced EMT. Molecular Cancer Research, 2017, 15, 1341-1353.	1.5	21
6	Foxc1 Expression in Early Osteogenic Differentiation Is Regulated by BMP4â€SMAD Activity. Journal of Cellular Biochemistry, 2016, 117, 1707-1717.	1.2	31
7	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
8	Functional Analysis of FOXC1 in TGFâ€Î² Mediated Epithelial to Mesenchymal Transition. FASEB Journal, 2015, 29, .	0.2	0
9	Contribution of growth differentiation factor 6-dependent cell survival to early-onset retinal dystrophies. Human Molecular Genetics, 2013, 22, 1432-1442.	1.4	56
10	Initiation of Early Osteoblast Differentiation Events through the Direct Transcriptional Regulation of Msx2 by FOXC1. PLoS ONE, 2012, 7, e49095.	1.1	33
11	FOXC1 regulates BMPâ€SMAD activity in a context dependent manner during osteogenic development events. FASEB Journal, 2012, 26, 922.13.	0.2	0
12	PITX2 Is Involved in Stress Response in Cultured Human Trabecular Meshwork Cells through Regulation of SLC13A3. , 2011, 52, 7625.		29
13	Severe Molecular Defects of a NovelFOXC1 W152GMutation Result in Aniridia. , 2009, 50, 3573.		49
14	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
15	Human p32 Is a Novel FOXC1-Interacting Protein That Regulates FOXC1 Transcriptional Activity in Ocular Cells. , 2008, 49, 5243.		27
16	FGF19 is a target for FOXC1 regulation in ciliary body-derived cells. Human Molecular Genetics, 2006, 15, 3229-3240.	1.4	38
17	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
18	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

#	Article	IF	Citations
19	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
20	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
21	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
22	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
23	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
24	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