Brian D Cherrington

List of Publications by Year
in descending order

30 papers	1,253 citations	471509 17 h-index	477307 29 g-index
30 all docs	30 docs citations	30 times ranked	1443 citing authors

#	Article	IF	Citations
1	Peptidylarginine deiminase 2-catalyzed histone H3 arginine 26 citrullination facilitates estrogen receptor Î± target gene activation. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 13331-13336.	7.1	173
2	Dysregulation of PAD4-mediated citrullination of nuclear GSK3Î² activates TGF-Î² signaling and induces epithelial-to-mesenchymal transition in breast cancer cells. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 11851-11856.	7.1	109
3	Genome-Wide Analysis Reveals PADI4 Cooperates with Elk-1 to Activate c-Fos Expression in Breast Cancer Cells. PLoS Genetics, 2011, 7, e1002112.	3.5	107
4	Potential Role of Peptidylarginine Deiminase Enzymes and Protein Citrullination in Cancer Pathogenesis. Biochemistry Research International, 2012, 2012, 1-11.	3.3	103
5	Identification of PADI2 as a potential breast cancer biomarker and therapeutic target. BMC Cancer, 2012, 12, 500.	2.6	93
6	Antiâ€“Citrullinated Protein Antibodies Are Associated With Neutrophil Extracellular Traps in the Sputum in Relatives of Rheumatoid Arthritis Patients. Arthritis and Rheumatology, 2017, 69, 1165-1175.	5.6	93
7	Potential Role for PAD2 in Gene Regulation in Breast Cancer Cells. PLoS ONE, 2012, 7, e41242.	2.5	82
8	Potential Role for Peptidylarginine Deiminase 2 (PAD2) in Citrullination of Canine Mammary Epithelial Cell Histones. PLoS ONE, 2010, 5, e11768.	2.5	69
9	Role for Peptidylarginine Deiminase Enzymes in Disease and Female Reproduction. Journal of Reproduction and Development, 2012, 58, 274-282.	1.4	53
10	Immunoreactive GnRH type I receptors in the mouse and sheep brain. Journal of Chemical Neuroanatomy, 2008, 35, 326-333.	2.1	46
11	c-Jun N-Terminal Kinase Activation of Activator Protein-1 Underlies Homologous Regulation of the Gonadotropin-Releasing Hormone Receptor Gene in Î±T3-1 Cells. Endocrinology, 2003, 144, 839-849.	2.8	37
12	Msx1 Homeodomain Protein Represses the Î±GSU and GnRH Receptor Genes During Gonadotrope Development. Molecular Endocrinology, 2013, 27, 422-436.	3.7	33
13	Insulin augments gonadotropin-releasing hormone induction of translation in LÎ²T2 cells. Molecular and Cellular Endocrinology, 2009, 311, 47-54.	3.2	32
14	Warmed Winter Water Temperatures Alter Reproduction in Two Fish Species. Environmental Management, 2018, 61, 291-303.	2.7	24
15	Histone Citrullination Represses MicroRNA Expression, Resulting in Increased Oncogene mRNAs in Somatolactotrope Cells. Molecular and Cellular Biology, 2018, 38, .	2.3	22
16	Association of Sputum Neutrophil Extracellular Trap Subsets With IgA Antiâ€“Citrullinated Protein Antibodies in Subjects at Risk for Rheumatoid Arthritis. Arthritis and Rheumatology, 2022, 74, 38-48.	5.6	22
17	Activin Responsiveness of the Murine Gonadotropin-Releasing Hormone Receptor Gene Is Mediated by a Composite Enhancer Containing Spatially Distinct Regulatory Elements. Molecular Endocrinology, 2005, 19, 898-912.	3.7	21
18	Decreased microRNA-125b-5p disrupts follicle steroidogenesis through targeting PAK3/ERK1/2 signalling in mouse preantral follicles. Metabolism: Clinical and Experimental, 2020, 107, 154241.	3.4	20

#	Article	IF	Citations
19	NeuroD1 and Mash1 temporally regulate GnRH receptor gene expression in immortalized mouse gonadotrope cells. Molecular and Cellular Endocrinology, 2008, 295, 106-114.	3.2	17
20	Comparative Analysis of Peptidylarginine Deiminase-2 Expression in Canine, Feline and Human Mammary Tumours. Journal of Comparative Pathology, 2012, 147, 139-146.	0.4	16
21	GnRH Stimulates Peptidylarginine Deiminase Catalyzed Histone Citrullination in Gonadotrope Cells. Molecular Endocrinology, 2016, 30, 1081-1091.	3.7	16
22	Dynamin Is Required for GnRH Signaling to L-Type Calcium Channels and Activation of ERK. Endocrinology, 2016, 157, 831-843.	2.8	14
23	Citrullination regulates the expression of insulin-like growth factor-binding protein 1 (IGFBP1) in ovine uterine luminal epithelial cells. Reproduction, 2017, 153, 1-10.	2.6	11
24	Peptidylarginine Deiminase 3 (PAD3) Is Upregulated by Prolactin Stimulation of CID-9 Cells and Expressed in the Lactating Mouse Mammary Gland. PLoS ONE, 2016, 11, e0147503.	2.5	10
25	Multiple core homeodomain binding motifs differentially contribute to transcriptional activity of the murine gonadotropin-releasing hormone receptor gene promoter. Endocrine, 2009, 35, 356-364.	2.3	7
26	Plasticity of Anterior Pituitary Gonadotrope Cells Facilitates the Pre-Ovulatory LH Surge. Frontiers in Endocrinology, 2020, 11, 616053.	3.5	7
27	Progesterone stimulates histone citrullination to increase IGFBP1 expression in uterine cells. Reproduction, 2021, 162, 117-127.	2.6	7
28	A Specific Helical Orientation Underlies the Functional Contribution of the Activin Responsive Unit to Transcriptional Activity of the Murine Gonadotropin-Releasing Hormone Receptor Gene Promoter. Endocrine, 2006, 29, 425-434.	2.2	4
29	Identification and Characterization of the Lactating Mouse Mammary Gland Citrullinome. International Journal of Molecular Sciences, 2020, 21, 2634.	4.1	4
30	PAD Enzymes in Female Reproductive Tissues and Cancer Pathogenesis. , 2014, , 305-326.		1