Aaron Muth

List of Publications by Year
in descending order

19 papers	1,064 citations	759233 12 h-index	794594 19 g-index
20 all docs	20 docs citations	20 times ranked	1632 citing authors

#	Article	IF	Citations
1	Diverse stimuli engage different neutrophil extracellular trap pathways. ELife, 2017, 6, .	6.0	598
2	Citrullination of NF-Î¹B p65 promotes its nuclear localization and TLR-induced expression of IL-1Î² and TNFÎ±. Science Immunology, 2017, 2, .	11.9	80
3	Development of a Selective Inhibitor of Protein Arginine Deiminase 2. Journal of Medicinal Chemistry, 2017, 60, 3198-3211.	6.4	66
4	PAD1 promotes epithelial-mesenchymal transition and metastasis in triple-negative breast cancer cells by regulating MEK1-ERK1/2-MMP2 signaling. Cancer Letters, 2017, 409, 30-41.	7.2	65
5	Citrullination-acetylation interplay guides E2F-1 activity during the inflammatory response. Science Advances, 2016, 2, e1501257.	10.3	64
6	Peptidylarginine deiminase 1-catalyzed histone citrullination is essential for early embryo development. Scientific Reports, 2016, 6, 38727.	3.3	40
7	The Development of Benzimidazole-Based Clickable Probes for the Efficient Labeling of Cellular Protein Arginine Deiminases (PADs). ACS Chemical Biology, 2018, 13, 712-722.	3.4	26
8	Histone Citrullination Represses MicroRNA Expression, Resulting in Increased Oncogene mRNAs in Somatolactotrope Cells. Molecular and Cellular Biology, 2018, 38, .	2.3	22
9	BB-Cl-Amidine as a novel therapeutic for canine and feline mammary cancer via activation of the endoplasmic reticulum stress pathway. BMC Cancer, 2018, 18, 412.	2.6	21
10	GnRH Stimulates Peptidylarginine Deiminase Catalyzed Histone Citrullination in Gonadotrope Cells. Molecular Endocrinology, 2016, 30, 1081-1091.	3.7	16
11	The diverse bioactivity of Î±-mangostin and its therapeutic implications. Future Medicinal Chemistry, 2021, 13, 1679-1694.	2.3	15
12	Structural modification of the aryl sulfonate ester of cjoc42 for enhanced gankyrin binding and anti-cancer activity. Bioorganic and Medicinal Chemistry Letters, 2020, 30, 126889.	2.2	13
13	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
14	Optimizing the aryl-triazole of cjoc42 for enhanced gankyrin binding and anti-cancer activity. Bioorganic and Medicinal Chemistry Letters, 2020, 30, 127372.	2.2	7
15	Therapeutic potential of inhalable medications to combat coronavirus disease-2019. Therapeutic Delivery, 2021, 12, 105-110.	2.2	6
16	Small-Molecule Gankyrin Inhibition as a Therapeutic Strategy for Breast and Lung Cancer. Journal of Medicinal Chemistry, 2022, 65, 8975-8997.	6.4	6
17	Identification of novel gankyrin binding scaffolds by high throughput virtual screening. Bioorganic and Medicinal Chemistry Letters, 2021, 43, 128043.	2.2	3
18	Exploring gankyrinâ€™s role in cancer development and its potential as a therapeutic target. Future Medicinal Chemistry, 2020, 12, 1603-1606.	2.3	1

#	Article	IF	Citations
19	Second Generation Small Molecule Inhibitors of Gankyrin for the Treatment of Pediatric Liver Cancer. Cancers, 2022, 14, 3068.	3.7	1