

Benedetto Grimaldi

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

8,041
citations

304743

22
h-index

552781

26
g-index

27
all docs

27
docs citations

27
times ranked

18039
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	9.1	4,701
2	The NAD ⁺ -Dependent Deacetylase SIRT1 Modulates CLOCK-Mediated Chromatin Remodeling and Circadian Control. <i>Cell</i> , 2008, 134, 329-340.	28.9	1,243
3	CLOCK-mediated acetylation of BMAL1 controls circadian function. <i>Nature</i> , 2007, 450, 1086-1090.	27.8	453
4	PER2 Controls Lipid Metabolism by Direct Regulation of PPAR β . <i>Cell Metabolism</i> , 2010, 12, 509-520.	16.2	400
5	Circadian clock regulates the host response to <i>Salmonella</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 9897-9902.	7.1	216
6	Chromatin remodeling, metabolism and circadian clocks: The interplay of CLOCK and SIRT1. <i>International Journal of Biochemistry and Cell Biology</i> , 2009, 41, 81-86.	2.8	104
7	Dual inhibition of REV-ERB β and autophagy as a novel pharmacological approach to induce cytotoxicity in cancer cells. <i>Oncogene</i> , 2015, 34, 2597-2608.	5.9	100
8	The <i>Neurospora crassa</i> White Collar-1 dependent Blue Light Response Requires Acetylation of Histone H3 Lysine 14 by NGF-1. <i>Molecular Biology of the Cell</i> , 2006, 17, 4576-4583.	2.1	85
9	A Meeting of Two Chronobiological Systems: Circadian Proteins Period1 and BMAL1 Modulate the Human Hair Cycle Clock. <i>Journal of Investigative Dermatology</i> , 2014, 134, 610-619.	0.7	84
10	Signaling to the circadian clock: plasticity by chromatin remodeling. <i>Current Opinion in Cell Biology</i> , 2007, 19, 230-237.	5.4	83
11	The Peripheral Clock Regulates Human Pigmentation. <i>Journal of Investigative Dermatology</i> , 2015, 135, 1053-1064.	0.7	76
12	Photomorphogenesis in the hypogeous fungus <i>Tuber borchii</i> : isolation and characterization of Tbwc-1, the homologue of the blue-light photoreceptor of <i>Neurospora crassa</i> . <i>Fungal Genetics and Biology</i> , 2004, 41, 688-697.	2.1	75
13	Circadian Control of Fatty Acid Elongation by SIRT1 Protein-mediated Deacetylation of Acetyl-coenzyme A Synthetase 1. <i>Journal of Biological Chemistry</i> , 2014, 289, 6091-6097.	3.4	61
14	<i>Agrobacterium</i> -mediated gene transfer and enhanced green fluorescent protein visualization in the mycorrhizal ascomycete <i>Tuber borchii</i> : a first step towards truffle genetics. <i>Current Genetics</i> , 2005, 48, 69-74.	1.7	51
15	Autophagy is essential for maintaining the growth of a human (mini-)organ: Evidence from scalp hair follicle organ culture. <i>PLoS Biology</i> , 2018, 16, e2002864.	5.6	44
16	Physical association of the WC-1 photoreceptor and the histone acetyltransferase NGF-1 is required for blue light signal transduction in <i>Neurospora crassa</i> . <i>Molecular Biology of the Cell</i> , 2012, 23, 3863-3872.	2.1	42
17	Methamphetamine Accelerates Cellular Senescence through Stimulation of De Novo Ceramide Biosynthesis. <i>PLoS ONE</i> , 2015, 10, e0116961.	2.5	39
18	Chromatin Remodeling and Circadian Control: Master Regulator CLOCK Is an Enzyme. <i>Cold Spring Harbor Symposia on Quantitative Biology</i> , 2007, 72, 105-112.	1.1	35

#	ARTICLE	IF	CITATIONS
19	Circadian clock: Time for novel anticancer strategies?. <i>Pharmacological Research</i> , 2015, 100, 288-295.	7.1	33
20	Metabolic clockwork. <i>Nature</i> , 2007, 447, 386-387.	27.8	31
21	Nanocapsules: Coating for Living Cells. <i>IEEE Transactions on Nanobioscience</i> , 2004, 3, 32-38.	3.3	30
22	Synthesis and in Vitro Anticancer Activity of the First Class of Dual Inhibitors of REV-ERB β and Autophagy. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 5900-5915.	6.4	26
23	MYC-Associated Factor MAX is a Regulator of the Circadian Clock. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2294.	4.1	12
24	A broad-spectrum antibiotic, DCAP, reduces uropathogenic <i>Escherichia coli</i> infection and enhances vorinostat anticancer activity by modulating autophagy. <i>Cell Death and Disease</i> , 2018, 9, 780.	6.3	7
25	Disulfide-Mediated Bioconjugation: Disulfide Formation and Restructuring on the Surface of Nanomanufactured (Microfluidics) Nanoparticles. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 26607-26618.	8.0	7
26	Lysosomotropic REV-ERB antagonism: A metabolic connection between circadian rhythm and autophagy may tell cancer cells "it's time to die". <i>Molecular and Cellular Oncology</i> , 2015, 2, e965626.	0.7	3