Pedro Beltran-Alvarez

List of Publications by Year
in descending order

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Version: 2024-02-01

25 papers	1,223 citations	566801 15 h-index	580395 25 g-index
28 all docs	28 docs citations	28 times ranked	2197 citing authors

#	Article	IF	Citations
1	Love is in the hair: arginine methylation of human hair proteins as novel cardiovascular biomarkers. Amino Acids, 2022, 54, 591-600.	1.2	7
2	Functional genomics of abiotic environmental adaptation in lacertid lizards and other vertebrates. Journal of Animal Ecology, 2022, 91, 1163-1179.	1.3	4
3	Arginine methylation: the promise of a â€˜silver bulletâ€™ for brain tumours?. Amino Acids, 2021, 53, 489-506.	1.2	16
4	Inhibition of Arginine Methylation Impairs Platelet Function. ACS Pharmacology and Translational Science, 2021, 4, 1567-1577.	2.5	11
5	Thermal stress induces a positive phenotypic and molecular feedback loop in zebrafish embryos. Journal of Thermal Biology, 2021, 102, 103114.	1.1	9
6	The inhibitory subunit of cardiac troponin (cTnI) is modified by arginine methylation in the human heart. International Journal of Cardiology, 2019, 282, 76-80.	0.8	11
7	Inhibiting Arginine Methylation as a Tool to Investigate Cross-Talk with Methylation and Acetylation Post-Translational Modifications in a Glioblastoma Cell Line. Proteomes, 2018, 6, 44.	1.7	8
8	Attenuation of oxidative stress-induced lesions in skeletal muscle in a mouse model of obesity-independent hyperlipidaemia and atherosclerosis through the inhibition of Nox2 activity. Free Radical Biology and Medicine, 2018, 129, 504-519.	1.3	15
9	Do sodium channel proteolytic fragments regulate sodium channel expression?. Channels, 2017, 11, 476-481.	1.5	4
10	Transcriptional regulation of the sodium channel gene (SCN5A) by GATA4 in human heart. Journal of Molecular and Cellular Cardiology, 2017, 102, 74-82.	0.9	29
11	Mapping arginine methylation in the human body and cardiac disease. Proteomics - Clinical Applications, 2017, 11, 1600106.	0.8	15
12	An update on transcriptional and post-translational regulation of brain voltage-gated sodium channels. Amino Acids, 2016, 48, 641-651.	1.2	22
13	Clinical and molecular characterization of a cardiac ryanodine receptor founder mutation causing catecholaminergic polymorphic ventricular tachycardia. Heart Rhythm, 2015, 12, 1636-1643.	0.3	38
14	Interplay between R513 methylation and S516 phosphorylation of the cardiac voltage-gated sodium channel. Amino Acids, 2015, 47, 429-434.	1.2	23
15	Identification of N-terminal protein acetylation and arginine methylation of the voltage-gated sodium channel in end-stage heart failure human heart. Journal of Molecular and Cellular Cardiology, 2014, 76, 126-129.	0.9	37
16	Protein arginine methyl transferasesâ€3 and â€5 increase cell surface expression of cardiac sodium channel. FEBS Letters, 2013, 587, 3159-3165.	1.3	40
17	A Missense Mutation in the Sodium Channel Î²2 Subunit RevealsSCN2Bas a New Candidate Gene for Brugada Syndrome. Human Mutation, 2013, 34, 961-966.	1.1	96
18	A Novel Missense Mutation, I890T, in the Pore Region of Cardiac Sodium Channel Causes Brugada Syndrome. PLoS ONE, 2013, 8, e53220.	1.1	22

#	Article	IF	Citations
19	The Cardiac Sodium Channel Is Post-Translationally Modified by Arginine Methylation. Journal of Proteome Research, 2011, 10, 3712-3719.	1.8	59
20	A systematic screen for proteinâ€“lipid interactions in Saccharomyces cerevisiae. Molecular Systems Biology, 2010, 6, 430.	3.2	146
21	Genetics and cardiac channelopathies. Genetics in Medicine, 2010, 12, 260-267.	1.1	96
22	Preliminary kinetic analysis of acyl carrier proteinâ€“ketoacylsynthase interactions in the actinorhodin minimal polyketide synthase. Molecular BioSystems, 2009, 5, 511.	2.9	7
23	Proteome Organization in a Genome-Reduced Bacterium. Science, 2009, 326, 1235-1240.	6.0	440
24	Dissecting the Component Reactions Catalyzed by the Actinorhodin Minimal Polyketide Synthase. Biochemistry, 2007, 46, 14672-14681.	1.2	31
25	Catalytic Relationships between Type I and Type II Iterative Polyketide Synthases: The Aspergillus parasiticus Norsolorinic Acid Synthase. ChemBioChem, 2006, 7, 1951-1958.	1.3	34