Elisabet Selga

List of Publications by Year
in descending order

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29	701	567281 15	552781 26
papers	citations	h-index	g-index

29	29	29	1300
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A Missense Mutation in the Sodium Channel Î²2 Subunit RevealsSCN2Bas a New Candidate Gene for Brugada Syndrome. Human Mutation, 2013, 34, 961-966.	2.5	96
2	Underexpression of miR-224 in methotrexate resistant human colon cancer cells. Biochemical Pharmacology, 2011, 82, 1572-1582.	4.4	77
3	Transcriptional regulation of aldo-keto reductase 1C1 in HT29 human colon cancer cells resistant to methotrexate: Role in the cell cycle and apoptosis. Biochemical Pharmacology, 2008, 75, 414-426.	4.4	69
4	Networking of differentially expressed genes in human cancer cells resistant to methotrexate. Genome Medicine, 2009, 1, 83.	8.2	52
5	Role of Caveolin 1, E-Cadherin, Enolase 2 and PKCalpha on resistance to methotrexate in human HT29 colon cancer cells. BMC Medical Genomics, 2008, 1, 35.	1.5	50
6	Sodium channel current loss of function in induced pluripotent stem cell-derived cardiomyocytes from a Brugada syndrome patient. Journal of Molecular and Cellular Cardiology, 2018, 114, 10-19.	1.9	47
7	Post-mortem genetic analysis in juvenile cases of sudden cardiac death. Forensic Science International, 2014, 245, 30-37.	2.2	44
8	Experimental Models of Brugada syndrome. International Journal of Molecular Sciences, 2019, 20, 2123.	4.1	28
9	UDP-glucuronosyltransferase 1A6 overexpression in breast cancer cells resistant to methotrexate. Biochemical Pharmacology, 2011, 81, 60-70.	4.4	27
10	Identification of novel Sp1 targets involved in proliferation and cancer by functional genomics. Biochemical Pharmacology, 2012, 84, 1581-1591.	4.4	27
11	Extra Virgin Olive Oil Contains a Phenolic Inhibitor of the Histone Demethylase LSD1/KDM1A. Nutrients, 2019, 11, 1656.	4.1	26
12	Overexpression of S100A4 in human cancer cell lines resistant to methotrexate. BMC Cancer, 2010, 10, 250.	2.6	25
13	Comprehensive Genetic Characterization of a Spanish Brugada Syndrome Cohort. PLoS ONE, 2015, 10, e0132888.	2.5	25
14	Large Genomic Imbalances in Brugada Syndrome. PLoS ONE, 2016, 11, e0163514.	2.5	23
15	A Novel Missense Mutation, I890T, in the Pore Region of Cardiac Sodium Channel Causes Brugada Syndrome. PLoS ONE, 2013, 8, e53220.	2.5	22
16	An SCN1B Variant Affects Both Cardiac-Type (NaV1.5) and Brain-Type (NaV1.1) Sodium Currents and Contributes to Complex Concomitant Brain and Cardiac Disorders. Frontiers in Cell and Developmental Biology, 2020, 8, 528742.	3.7	13
17	Brugada syndrome and p.E61X_RANGRF. Cardiology Journal, 2014, 21, 121-127.	1.2	13
18	DiBAC4(3) hits a â€œsweet spotâ€•for the activation of arterial large-conductance Ca2+-activated potassium channels independently of the Î²1-subunit. American Journal of Physiology - Heart and Circulatory Physiology, 2013, 304, H1471-H1482.	3.2	9

#	Article	IF	Citations
19	Gene expression profiles in rat mesenteric lymph nodes upon supplementation with Conjugated Linoleic Acid during gestation and suckling. BMC Genomics, 2011, 12, 182.	2.8	8
20	Molecular heterogeneity of large-conductance calcium-activated potassium channels in canine intracardiac ganglia. Channels, 2013, 7, 322-328.	2.8	7
21	Transcriptional profiling of striatal neurons in response to single or concurrent activation of dopamine D2, adenosine A2A and metabotropic glutamate type 5 receptors: Focus on beta-synuclein expression. Gene, 2012, 508, 199-205.	2.2	5
22	Comparative Study of the Effects of an SCN5A Mutation within a Family Diagnosed with Brugada Syndrome using iPS-CM. Biophysical Journal, 2020, 118, 500a.	0.5	2
23	Generation of four induced pluripotent stem cell lines from a family harboring a single nucleotide variant in SCN5A. Stem Cell Research, 2022, 63, 102847.	0.7	2
24	The smooth muscle-type Î²1subunit potentiates activation by DiBAC4(3) in recombinant BK channels. Channels, 2014, 8, 95-102.	2.8	1
25	P335Sudden unexplained death in Catalonia: comprehensive genetic analysis in post-mortem samples. Cardiovascular Research, 2014, 103, S61.2-S61.	3.8	1
26	CPVT-Associated Mutation P.G357S-RYR2 Promotes a Gain of Function in Patient-Specific Induced Pluripotent Stem Cell-Derived Cardiomyocytes (iPS-CM). Biophysical Journal, 2020, 118, 255a.	0.5	1
27	Generation of an induced pluripotent stem cell line from a healthy Caucasian male. Stem Cell Research, 2022, 60, 102717.	0.7	1
28	Î²-Adrenergic Pathway is Enhanced by Hormone-Induced Maturation of Human Induced Pluripotent Stem Cell-Derived Cardiomyocytes (iPS-CM). Biophysical Journal, 2019, 116, 383a.	0.5	0
29	Cardiac Sodium Current is Severely Impaired in Induced Pluripotent Stem Cell-Derived Cardiomyocytes from Brugada Syndrome Patients. Biophysical Journal, 2019, 116, 390a-391a.	0.5	0