

Federica Barbagallo

List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

1,250
citations

430754

18
h-index

377752

34
g-index

36
all docs

36
docs citations

36
times ranked

2110
citing authors

#	ARTICLE	IF	CITATIONS
1	Gemcitabine triggers a pro-survival response in pancreatic cancer cells through activation of the MNK2/eIF4E pathway. <i>Oncogene</i> , 2013, 32, 2848-2857.	2.6	115
2	Differential Diagnosis of Nonpalpable Testicular Lesions: Qualitative and Quantitative Contrast-enhanced US of Benign and Malignant Testicular Tumors. <i>Radiology</i> , 2014, 273, 606-618.	3.6	102
3	Inhibiting Insulin-Mediated \hat{I}^2 -Adrenergic Receptor Activation Prevents Diabetes-Associated Cardiac Dysfunction. <i>Circulation</i> , 2017, 135, 73-88.	1.6	98
4	STRA8 Shuttles between Nucleus and Cytoplasm and Displays Transcriptional Activity. <i>Journal of Biological Chemistry</i> , 2009, 284, 35781-35793.	1.6	76
5	Is chronic inhibition of phosphodiesterase type 5 cardioprotective and safe? A meta-analysis of randomized controlled trials. <i>BMC Medicine</i> , 2014, 12, 185.	2.3	74
6	The centrosomal kinase NEK2 is a novel splicing factor kinase involved in cell survival. <i>Nucleic Acids Research</i> , 2014, 42, 3218-3227.	6.5	73
7	PATZ1 gene has a critical role in the spermatogenesis and testicular tumours. <i>Journal of Pathology</i> , 2008, 215, 39-47.	2.1	72
8	Subclinical male hypogonadism. <i>Best Practice and Research in Clinical Endocrinology and Metabolism</i> , 2012, 26, 539-550.	2.2	67
9	Increased expression and nuclear localization of the centrosomal kinase Nek2 in human testicular seminomas. <i>Journal of Pathology</i> , 2009, 217, 431-441.	2.1	63
10	Diagnostic value of qualitative and strain ratio elastography in the differential diagnosis of nonpalpable testicular lesions. <i>Andrology</i> , 2016, 4, 1193-1203.	1.9	51
11	Genetically Encoded Biosensors Reveal PKA Hyperphosphorylation on the Myofilaments in Rabbit Heart Failure. <i>Circulation Research</i> , 2016, 119, 931-943.	2.0	43
12	Inhibition of type 5 phosphodiesterase counteracts \hat{I}^2 -adrenergic signalling in beating cardiomyocytes. <i>Cardiovascular Research</i> , 2015, 106, 408-420.	1.8	40
13	Activated c-Kit receptor in the heart promotes cardiac repair and regeneration after injury. <i>Cell Death and Disease</i> , 2016, 7, e2317-e2317.	2.7	38
14	Ablation of the Sam68 gene impairs female fertility and gonadotropin-dependent follicle development. <i>Human Molecular Genetics</i> , 2010, 19, 4886-4894.	1.4	37
15	Phosphodiesterase-5 inhibition preserves renal hemodynamics and function in mice with diabetic kidney disease by modulating miR-22 and BMP7. <i>Scientific Reports</i> , 2017, 7, 44584.	1.6	33
16	Phosphodiesterase 5 Associates With \hat{I}^2 Adrenergic Receptor to Modulate Cardiac Function in Type 2 Diabetic Hearts. <i>Journal of the American Heart Association</i> , 2019, 8, e012273.	1.6	30
17	Diabetic Cardiomyopathy Progression is Triggered by miR122-5p and Involves Extracellular Matrix. <i>JACC: Cardiovascular Imaging</i> , 2021, 14, 1130-1142.	2.3	29
18	Sex-specific effects of daily tadalafil on diabetic heart kinetics in RECOGITO, a randomized, double-blind, placebo-controlled trial. <i>Science Translational Medicine</i> , 2022, 14, .	5.8	24

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19	Identification of murine phosphodiesterase 5A isoforms and their functional characterization in HLâ€1 cardiac cell line. <i>Journal of Cellular Physiology</i> , 2018, 233, 325-337.	2.0	22
20	PDE5 Inhibition Stimulates Tie2-Expressing Monocytes and Angiopoietin-1 Restoring Angiogenic Homeostasis in Diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019, 104, 2623-2636.	1.8	21
21	Critical role of phosphodiesterase 2A in mouse congenital heart defects. <i>Cardiovascular Research</i> , 2018, 114, 830-845.	1.8	19
22	Probing the Effect of Sildenafil on Progesterone and Testosterone Production by an Intracellular FRET/BRET Combined Approach. <i>Biochemistry</i> , 2019, 58, 799-808.	1.2	16
23	Carvedilol induces biased β_1 adrenergic receptor-nitric oxide synthase 3-cyclic guanylyl monophosphate signalling to promote cardiac contractility. <i>Cardiovascular Research</i> , 2021, 117, 2237-2251.	1.8	16
24	GRK5 Controls SAP97-Dependent Cardiotoxic β_1 Adrenergic Receptor-CaMKII Signaling in Heart Failure. <i>Circulation Research</i> , 2020, 127, 796-810.	2.0	16
25	Impaired Immune Function in Patients With Chronic Postsurgical Hypoparathyroidism: Results of the EMPATHY Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, e2215-e2227.	1.8	16
26	PDE2A Is Indispensable for Mouse Liver Development and Hematopoiesis. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2902.	1.8	12
27	Sex Steroid Metabolism in Benign and Malignant Intact Prostate Biopsies: Individual Profiling of Prostate Intracrinology. <i>BioMed Research International</i> , 2014, 2014, 1-8.	0.9	10
28	Phosphodiesterase (PDE) 5 inhibitors sildenafil, tadalafil and vardenafil impact cAMP-specific PDE8 isoforms-linked second messengers and steroid production in a mouse Leydig tumor cell line. <i>Molecular and Cellular Endocrinology</i> , 2022, 542, 111527.	1.6	10
29	Functional Interaction Between the Oncogenic Kinase NEK2 and Sam68 Promotes a Splicing Program Involved in Migration and Invasion in Triple-Negative Breast Cancer. <i>Frontiers in Oncology</i> , 2022, 12, 880654.	1.3	7
30	β -blockers Reverse Agonist-Induced β_2 -AR Downregulation Regardless of Their Signaling Profile. <i>International Journal of Molecular Sciences</i> , 2020, 21, 512.	1.8	6
31	Intermittent β -adrenergic blockade downregulates the gene expression of β -myosin heavy chain in the mouse heart. <i>European Journal of Pharmacology</i> , 2020, 882, 173287.	1.7	5
32	Cell Shortening and Calcium Homeostasis Analysis in Adult Cardiomyocytes via a New Software Tool. <i>Biomedicines</i> , 2022, 10, 640.	1.4	4
33	PDE5 Inhibitors in Type 2 Diabetes Cardiovascular Complications. <i>Endocrines</i> , 2020, 1, 90-101.	0.4	3
34	Preclinical Evidence of Intra-Articular Autologous Cartilage Micrograft for Osteochondral Repair: Evaluation in a Rat Model. <i>Cartilage</i> , 2021, 13, 1770S-1779S.	1.4	2
35	Sildenafil: A Beta-2 Adrenergic Receptor-, Protein Kinase G-, and Protein Kinase A-Dependent Treatment for Adverse Cardiac Function and Excitation-Contraction Coupling Associated with Diabetes. <i>Biophysical Journal</i> , 2018, 114, 106a.	0.2	0
36	Sex-Specific Effects of Daily Tadalafil on Contraction Kinetics of the Diabetic Heart. The RECOGITO Randomized, Double-Blind, Placebo-Controlled Trial. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0