

Federica Barbagallo

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

32
papers

853
citations

16
h-index

29
g-index

36
ext. papers

1,090
ext. citations

7.7
avg, IF

3.56
L-index

| # | Paper | IF | Citations |
|----|---|------|-----------|
| 32 | 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 | 5.3 | 0 |
| 31 | 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> , 2021 , 542, 111527 | 4.4 | 1 |
| 30 | 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 | 3.9 | 4 |
| 29 | Diabetic Cardiomyopathy Progression is Triggered by miR122-5p and Involves Extracellular Matrix: A 5-Year Prospective Study. <i>JACC: Cardiovascular Imaging</i> , 2021 , 14, 1130-1142 | 8.4 | 10 |
| 28 | 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 | 5.6 | 4 |
| 27 | Preclinical Evidence of Intra-Articular Autologous Cartilage Micrograft for Osteochondral Repair: Evaluation in a Rat Model. <i>Cartilage</i> , 2021 , 19476035211042408 | 3 | |
| 26 | PDE5 Inhibitors in Type 2 Diabetes Cardiovascular Complications. <i>Endocrines</i> , 2020 , 1, 90-101 | 0.8 | 2 |
| 25 | GRK5 Controls SAP97-Dependent Cardiotoxic β_1 Adrenergic Receptor-CaMKII Signaling in Heart Failure. <i>Circulation Research</i> , 2020 , 127, 796-810 | 15.7 | 4 |
| 24 | Intermittent β_1 adrenergic blockade downregulates the gene expression of β myosin heavy chain in the mouse heart. <i>European Journal of Pharmacology</i> , 2020 , 882, 173287 | 5.3 | 2 |
| 23 | β blockers Reverse Agonist-Induced β AR Downregulation Regardless of Their Signaling Profile. <i>International Journal of Molecular Sciences</i> , 2020 , 21, | 6.3 | 2 |
| 22 | PDE2A Is Indispensable for Mouse Liver Development and Hematopoiesis. <i>International Journal of Molecular Sciences</i> , 2020 , 21, | 6.3 | 3 |
| 21 | 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 | 5.6 | 8 |
| 20 | Phosphodiesterase 5 Associates With β_1 Adrenergic Receptor to Modulate Cardiac Function in Type 2 Diabetic Hearts. <i>Journal of the American Heart Association</i> , 2019 , 8, e012273 | 6 | 17 |
| 19 | Probing the Effect of Sildenafil on Progesterone and Testosterone Production by an Intracellular FRET/BRET Combined Approach. <i>Biochemistry</i> , 2019 , 58, 799-808 | 3.2 | 7 |
| 18 | Critical role of phosphodiesterase 2A in mouse congenital heart defects. <i>Cardiovascular Research</i> , 2018 , 114, 830-845 | 9.9 | 11 |
| 17 | Identification of murine phosphodiesterase 5A isoforms and their functional characterization in HL-1 cardiac cell line. <i>Journal of Cellular Physiology</i> , 2018 , 233, 325-337 | 7 | 14 |
| 16 | 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 | 4.9 | 24 |

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|----|---|------|----|
| 15 | Inhibiting Insulin-Mediated β -Adrenergic Receptor Activation Prevents Diabetes-Associated Cardiac Dysfunction. <i>Circulation</i> , 2017 , 135, 73-88 | 16.7 | 66 |
| 14 | Diagnostic value of qualitative and strain ratio elastography in the differential diagnosis of non-palpable testicular lesions. <i>Andrology</i> , 2016 , 4, 1193-1203 | 4.2 | 35 |
| 13 | Genetically Encoded Biosensors Reveal PKA Hyperphosphorylation on the Myofilaments in Rabbit Heart Failure. <i>Circulation Research</i> , 2016 , 119, 931-43 | 15.7 | 29 |
| 12 | Activated c-Kit receptor in the heart promotes cardiac repair and regeneration after injury. <i>Cell Death and Disease</i> , 2016 , 7, e2317 | 9.8 | 24 |
| 11 | Inhibition of type 5 phosphodiesterase counteracts β -adrenergic signalling in beating cardiomyocytes. <i>Cardiovascular Research</i> , 2015 , 106, 408-20 | 9.9 | 29 |
| 10 | Is chronic inhibition of phosphodiesterase type 5 cardioprotective and safe? A meta-analysis of randomized controlled trials. <i>BMC Medicine</i> , 2014 , 12, 185 | 11.4 | 58 |
| 9 | Sex steroid metabolism in benign and malignant intact prostate biopsies: individual profiling of prostate intracrinology. <i>BioMed Research International</i> , 2014 , 2014, 464869 | 3 | 9 |
| 8 | Differential diagnosis of nonpalpable testicular lesions: qualitative and quantitative contrast-enhanced US of benign and malignant testicular tumors. <i>Radiology</i> , 2014 , 273, 606-18 | 20.5 | 66 |
| 7 | The centrosomal kinase NEK2 is a novel splicing factor kinase involved in cell survival. <i>Nucleic Acids Research</i> , 2014 , 42, 3218-27 | 20.1 | 63 |
| 6 | Gemcitabine triggers a pro-survival response in pancreatic cancer cells through activation of the MNK2/eIF4E pathway. <i>Oncogene</i> , 2013 , 32, 2848-57 | 9.2 | 93 |
| 5 | Subclinical male hypogonadism. <i>Best Practice and Research in Clinical Endocrinology and Metabolism</i> , 2012 , 26, 539-50 | 6.5 | 53 |
| 4 | Ablation of the Sam68 gene impairs female fertility and gonadotropin-dependent follicle development. <i>Human Molecular Genetics</i> , 2010 , 19, 4886-94 | 5.6 | 30 |
| 3 | STRA8 shuttles between nucleus and cytoplasm and displays transcriptional activity. <i>Journal of Biological Chemistry</i> , 2009 , 284, 35781-93 | 5.4 | 63 |
| 2 | Increased expression and nuclear localization of the centrosomal kinase Nek2 in human testicular seminomas. <i>Journal of Pathology</i> , 2009 , 217, 431-41 | 9.4 | 57 |
| 1 | PATZ1 gene has a critical role in the spermatogenesis and testicular tumours. <i>Journal of Pathology</i> , 2008 , 215, 39-47 | 9.4 | 64 |