

# Federica Barbagallo

## List of Publications by Citations

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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 | Gemcitabine triggers a pro-survival response in pancreatic cancer cells through activation of the MNK2/eIF4E pathway. <i>Oncogene</i> , <b>2013</b> , 32, 2848-57                                   | 9.2  | 93        |
| 31 | Inhibiting Insulin-Mediated $\beta$ -Adrenergic Receptor Activation Prevents Diabetes-Associated Cardiac Dysfunction. <i>Circulation</i> , <b>2017</b> , 135, 73-88                                 | 16.7 | 66        |
| 30 | Differential diagnosis of nonpalpable testicular lesions: qualitative and quantitative contrast-enhanced US of benign and malignant testicular tumors. <i>Radiology</i> , <b>2014</b> , 273, 606-18 | 20.5 | 66        |
| 29 | PATZ1 gene has a critical role in the spermatogenesis and testicular tumours. <i>Journal of Pathology</i> , <b>2008</b> , 215, 39-47  | 9.4  | 64        |
| 28 | The centrosomal kinase NEK2 is a novel splicing factor kinase involved in cell survival. <i>Nucleic Acids Research</i> , <b>2014</b> , 42, 3218-27  | 20.1 | 63        |
| 27 | STRA8 shuttles between nucleus and cytoplasm and displays transcriptional activity. <i>Journal of Biological Chemistry</i> , <b>2009</b> , 284, 35781-93  | 5.4  | 63        |
| 26 | Is chronic inhibition of phosphodiesterase type 5 cardioprotective and safe? A meta-analysis of randomized controlled trials. <i>BMC Medicine</i> , <b>2014</b> , 12, 185                           | 11.4 | 58        |
| 25 | Increased expression and nuclear localization of the centrosomal kinase Nek2 in human testicular seminomas. <i>Journal of Pathology</i> , <b>2009</b> , 217, 431-41                                 | 9.4  | 57        |
| 24 | Subclinical male hypogonadism. <i>Best Practice and Research in Clinical Endocrinology and Metabolism</i> , <b>2012</b> , 26, 539-50  | 6.5  | 53        |
| 23 | Diagnostic value of qualitative and strain ratio elastography in the differential diagnosis of non-palpable testicular lesions. <i>Andrology</i> , <b>2016</b> , 4, 1193-1203                       | 4.2  | 35        |
| 22 | Ablation of the Sam68 gene impairs female fertility and gonadotropin-dependent follicle development. <i>Human Molecular Genetics</i> , <b>2010</b> , 19, 4886-94                                    | 5.6  | 30        |
| 21 | Inhibition of type 5 phosphodiesterase counteracts $\beta$ -adrenergic signalling in beating cardiomyocytes. <i>Cardiovascular Research</i> , <b>2015</b> , 106, 408-20                             | 9.9  | 29        |
| 20 | Genetically Encoded Biosensors Reveal PKA Hyperphosphorylation on the Myofilaments in Rabbit Heart Failure. <i>Circulation Research</i> , <b>2016</b> , 119, 931-43                                 | 15.7 | 29        |
| 19 | Phosphodiesterase-5 inhibition preserves renal hemodynamics and function in mice with diabetic kidney disease by modulating miR-22 and BMP7. <i>Scientific Reports</i> , <b>2017</b> , 7, 44584     | 4.9  | 24        |
| 18 | Activated c-Kit receptor in the heart promotes cardiac repair and regeneration after injury. <i>Cell Death and Disease</i> , <b>2016</b> , 7, e2317   | 9.8  | 24        |
| 17 | Phosphodiesterase 5 Associates With $\beta$ Adrenergic Receptor to Modulate Cardiac Function in Type 2 Diabetic Hearts. <i>Journal of the American Heart Association</i> , <b>2019</b> , 8, e012273 | 6    | 17        |
| 16 | Identification of murine phosphodiesterase 5A isoforms and their functional characterization in HL-1 cardiac cell line. <i>Journal of Cellular Physiology</i> , <b>2018</b> , 233, 325-337          | 7    | 14        |

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|----|---|------|----|
| 15 | Critical role of phosphodiesterase 2A in mouse congenital heart defects. <i>Cardiovascular Research</i> , <b>2018</b> , 114, 830-845  | 9.9  | 11 |
| 14 | Diabetic Cardiomyopathy Progression is Triggered by miR122-5p and Involves Extracellular Matrix: A 5-Year Prospective Study. <i>JACC: Cardiovascular Imaging</i> , <b>2021</b> , 14, 1130-1142  | 8.4  | 10 |
| 13 | Sex steroid metabolism in benign and malignant intact prostate biopsies: individual profiling of prostate intracrinology. <i>BioMed Research International</i> , <b>2014</b> , 2014, 464869   | 3    | 9  |
| 12 | PDE5 Inhibition Stimulates Tie2-Expressing Monocytes and Angiotensin-1 Restoring Angiogenic Homeostasis in Diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2019</b> , 104, 2623-2636   | 5.6  | 8  |
| 11 | Probing the Effect of Sildenafil on Progesterone and Testosterone Production by an Intracellular FRET/BRET Combined Approach. <i>Biochemistry</i> , <b>2019</b> , 58, 799-808   | 3.2  | 7  |
| 10 | GRK5 Controls SAP97-Dependent Cardiotoxic $\beta$ -Adrenergic Receptor-CaMKII Signaling in Heart Failure. <i>Circulation Research</i> , <b>2020</b> , 127, 796-810  | 15.7 | 4  |
| 9  | Carvedilol induces biased $\beta$ adrenergic receptor-nitric oxide synthase 3-cyclic guanylyl monophosphate signalling to promote cardiac contractility. <i>Cardiovascular Research</i> , <b>2021</b> , 117, 2237-2251  | 8.9  | 4  |
| 8  | Impaired Immune Function in Patients With Chronic Postsurgical Hypoparathyroidism: Results of the EMPATHY Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2021</b> , 106, e2215-e2227   | 5.6  | 4  |
| 7  | PDE2A Is Indispensable for Mouse Liver Development and Hematopoiesis. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,  | 6.3  | 3  |
| 6  | PDE5 Inhibitors in Type 2 Diabetes Cardiovascular Complications. <i>Endocrines</i> , <b>2020</b> , 1, 90-101  | 0.8  | 2  |
| 5  | Intermittent $\beta$ -adrenergic blockade downregulates the gene expression of $\beta$ -myosin heavy chain in the mouse heart. <i>European Journal of Pharmacology</i> , <b>2020</b> , 882, 173287  | 5.3  | 2  |
| 4  | $\beta$ -blockers Reverse Agonist-Induced $\beta$ AR Downregulation Regardless of Their Signaling Profile. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,   | 6.3  | 2  |
| 3  | 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> , <b>2021</b> , 542, 111527 | 4.4  | 1  |
| 2  | 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> , <b>2022</b> , 12, 880654  | 5.3  | 0  |
| 1  | Preclinical Evidence of Intra-Articular Autologous Cartilage Micrograft for Osteochondral Repair: Evaluation in a Rat Model. <i>Cartilage</i> , <b>2021</b> , 19476035211042408   | 3    |    |