

# Fabio Naro

## 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.

66  
papers

1,946  
citations

24  
h-index

43  
g-index

69  
ext. papers

2,243  
ext. citations

5.5  
avg. IF

4.08  
L-index

#	Paper	IF	Citations
66	Phosphodiesterases Expression during Murine Cardiac Development. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	1
65	TLQP-21 changes in response to a glucose load. <i>Tissue and Cell</i> , <b>2021</b> , 68, 101471	2.7	0
64	Avalia da eficcia do sistema regeneraon no tratamento de leses de calvia em ratos. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , <b>2021</b> , 73, 132-140	0.3	
63	Bone Marrow Transplantation as Therapy for Ataxia-Telangiectasia: A Systematic Review. <i>Cancers</i> , <b>2020</b> , 12,	6.6	4
62	Therapeutic use of pulsed electromagnetic field therapy reduces prostate volume and lower urinary tract symptoms in benign prostatic hyperplasia. <i>Andrology</i> , <b>2020</b> , 8, 1076-1085	4.2	2
61	PDE2A Is Indispensable for Mouse Liver Development and Hematopoiesis. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	3
60	Exercise training improves vascular function in patients with Alzheimer's disease. <i>European Journal of Applied Physiology</i> , <b>2020</b> , 120, 2233-2245	3.4	7
59	Phosphodiesterase Inhibitors: Could They Be Beneficial for the Treatment of COVID-19?. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	22
58	PDE5 Inhibition Stimulates Tie2-Expressing Monocytes and Angiopoietin-1 Restoring Angiogenic Homeostasis in Diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2019</b> , 104, 2623-2636	5.6	8
57	Skeletal Muscle Fiber Size and Gene Expression in the Oldest-Old With Differing Degrees of Mobility. <i>Frontiers in Physiology</i> , <b>2019</b> , 10, 313	4.6	12
56	Chronic administration of sildenafil improves endothelial function in spontaneously hypertensive rats by decreasing COX-2 expression and oxidative stress. <i>Life Sciences</i> , <b>2019</b> , 225, 29-38	6.8	9
55	Non-Dependent Factors Associated with Global Cognitive and Physical Function in Alzheimer's Disease: A Pilot Multivariate Analysis. <i>Journal of Clinical Medicine</i> , <b>2019</b> , 8,	5.1	5
54	A Three-Dimensional Culture Model of Reversibly Quiescent Myogenic Cells. <i>Stem Cells International</i> , <b>2019</b> , 2019, 7548160	5	4
53	Critical role of phosphodiesterase 2A in mouse congenital heart defects. <i>Cardiovascular Research</i> , <b>2018</b> , 114, 830-845	9.9	11
52	Effect of once-daily, modified-release hydrocortisone versus standard glucocorticoid therapy on metabolism and innate immunity in patients with adrenal insufficiency (DREAM): a single-blind, randomised controlled trial. <i>Lancet Diabetes and Endocrinology</i> , <b>2018</b> , 6, 173-185	18.1	101
51	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
50	The oligomeric assembly of the phosphodiesterase-5 is a mixture of dimers and tetramers: A putative role in the regulation of function. <i>Biochimica Et Biophysica Acta - General Subjects</i> , <b>2018</b> , 1862, 2183-2190	4	2

49	Circadian Rhythm of Glucocorticoid Administration Entrain Clock Genes in Immune Cells: A DREAM Trial Ancillary Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2018</b> , 103, 2998-3009	5.6	35
48	Ergotropic Effect in Cardiac Tissue After Electromagnetic and $\beta$ Adrenergic Stimulus. <i>SEMA SIMAI Springer Series</i> , <b>2018</b> , 75-85	0.2	
47	Chronic phosphodiesterase type 5 inhibition has beneficial effects on subcutaneous adipose tissue plasticity in type 2 diabetic mice. <i>Journal of Cellular Physiology</i> , <b>2018</b> , 233, 8411-8417	7	7
46	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
45	The cardioprotective effect of sildenafil is mediated by the activation of malate dehydrogenase and an increase in the malate-aspartate shuttle in cardiomyocytes. <i>Biochemical Pharmacology</i> , <b>2017</b> , 127, 60-70	6	8
44	Age-Associated ALU Element Instability in White Blood Cells Is Linked to Lower Survival in Elderly Adults: A Preliminary Cohort Study. <i>PLoS ONE</i> , <b>2017</b> , 12, e0169628	3.7	3
43	Use of the KIADH3 promoter for the quantitative production of the murine PDE5A isoforms in the yeast <i>Kluyveromyces lactis</i> . <i>Microbial Cell Factories</i> , <b>2017</b> , 16, 159	6.4	3
42	A Comparison of Lysosomal Enzymes Expression Levels in Peripheral Blood of Mild- and Severe-Alzheimer's Disease and MCI Patients: Implications for Regenerative Medicine Approaches. <i>International Journal of Molecular Sciences</i> , <b>2017</b> , 18,	6.3	23
41	Model of Murine Ventricular Cardiac Tissue for Kinematic-Dynamic Studies of Electromagnetic and $\beta$ -Adrenergic Stimulation. <i>Journal of Healthcare Engineering</i> , <b>2017</b> , 2017, 4204085	3.7	1
40	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
39	$\beta$ Adrenergic response is counteracted by extremely-low-frequency pulsed electromagnetic fields in beating cardiomyocytes. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2016</b> , 98, 146-58	5.8	8
38	Expression and Function of Phosphodiesterase Type 5 in Human Breast Cancer Cell Lines and Tissues: Implications for Targeted Therapy. <i>Clinical Cancer Research</i> , <b>2016</b> , 22, 2271-82	12.9	39
37	PDE5 Inhibition Ameliorates Visceral Adiposity Targeting the miR-22/SIRT1 Pathway: Evidence From the CECSID Trial. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2016</b> , 101, 1525-34	5.6	30
36	Pathways Implicated in Tadalafil Amelioration of Duchenne Muscular Dystrophy. <i>Journal of Cellular Physiology</i> , <b>2016</b> , 231, 224-32	7	19
35	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
34	Chronic Inhibition of PDE5 Limits Pro-Inflammatory Monocyte-Macrophage Polarization in Streptozotocin-Induced Diabetic Mice. <i>PLoS ONE</i> , <b>2015</b> , 10, e0126580	3.7	34
33	Modulation of the cardiomyocyte contraction inside a hydrostatic pressure bioreactor: in vitro verification of the Frank-Starling law. <i>BioMed Research International</i> , <b>2015</b> , 2015, 542105	3	5
32	Field models and numerical dosimetry inside an extremely-low-frequency electromagnetic bioreactor: the theoretical link between the electromagnetically induced mechanical forces and the biological mechanisms of the cell tensegrity. <i>SpringerPlus</i> , <b>2014</b> , 3, 473		15

31	Cellular aging of skeletal muscle: telomeric and free radical evidence that physical inactivity is responsible and not age. <i>Clinical Science</i> , <b>2014</b> , 127, 415-21	6.5	26
30	Supplementation of anti-oxidants in leucofiltered erythrocyte concentrates: assessment of morphological changes through scanning electron microscopy. <i>Blood Transfusion</i> , <b>2014</b> , 12, 421-4	3.6	6
29	Inflammation in muscular dystrophy and the beneficial effects of non-steroidal anti-inflammatory drugs. <i>Muscle and Nerve</i> , <b>2012</b> , 46, 773-84	3.4	34
28	Chronic Inhibition of cGMP phosphodiesterase 5A improves diabetic cardiomyopathy: a randomized, controlled clinical trial using magnetic resonance imaging with myocardial tagging. <i>Circulation</i> , <b>2012</b> , 125, 2323-33	16.7	129
27	Video evaluation of the kinematics and dynamics of the beating cardiac syncytium: an alternative to the Langendorff method. <i>International Journal of Artificial Organs</i> , <b>2011</b> , 34, 546-58	1.9	26
26	Phospholipase D regulates myogenic differentiation through the activation of both mTORC1 and mTORC2 complexes. <i>Journal of Biological Chemistry</i> , <b>2011</b> , 286, 22609-21	5.4	25
25	β-syntrophin modulation by miR-222 in mdx mice. <i>PLoS ONE</i> , <b>2010</b> , 5, e12098	3.7	15
24	Skeletal myoblasts overexpressing relaxin improve differentiation and communication of primary murine cardiomyocyte cell cultures. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2009</b> , 47, 335-45	5.8	39
23	V1a vasopressin receptor expression is modulated during myogenic differentiation. <i>Differentiation</i> , <b>2008</b> , 76, 371-80	3.5	13
22	Cytoskeleton/stretch-activated ion channel interaction regulates myogenic differentiation of skeletal myoblasts. <i>Journal of Cellular Physiology</i> , <b>2007</b> , 211, 296-306	7	67
21	Inhibition of de novo ceramide synthesis upregulates phospholipase D and enhances myogenic differentiation. <i>Journal of Cell Science</i> , <b>2007</b> , 120, 407-16	5.3	40
20	Expression and activity of cyclooxygenase isoforms in skeletal muscles and myocardium of humans and rodents. <i>Journal of Applied Physiology</i> , <b>2007</b> , 103, 1412-8	3.7	35
19	An approachable human adult stem cell source for hard-tissue engineering. <i>Journal of Cellular Physiology</i> , <b>2006</b> , 206, 693-701	7	192
18	A new population of human adult dental pulp stem cells: a useful source of living autologous fibrous bone tissue (LAB). <i>Journal of Bone and Mineral Research</i> , <b>2005</b> , 20, 1394-402	6.3	324
17	Hypertrophy and transcriptional regulation induced in myogenic cell line L6-C5 by an increase of extracellular calcium. <i>Journal of Cellular Physiology</i> , <b>2005</b> , 202, 787-95	7	15
16	A biphasic role of nuclear transcription factor (NF)-kappaB in the islet beta-cell apoptosis induced by interleukin (IL)-1beta. <i>Journal of Cellular Physiology</i> , <b>2005</b> , 204, 124-30	7	36
15	Phosphodiesterase 4D is required for beta2 adrenoceptor subtype-specific signaling in cardiac myocytes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2005</b> , 102, 909-14	11.5	100
14	Low power microwave interaction with phospholipase C and D signal transduction pathways in myogenic cells. <i>Cell Biology International</i> , <b>2004</b> , 28, 683-8	4.5	3

13	Phorbol ester-induced differentiation of L6 myogenic cells involves phospholipase D activation. <i>FEBS Letters</i> , <b>2004</b> , 577, 409-14	3.8	5
12	Toxic Effects of Polychlorinated Biphenyls in Myogenic Cells. <i>Journal of Health Science</i> , <b>2004</b> , 50, 33-41		2
11	A bimodal modulation of the cAMP pathway is involved in the control of myogenic differentiation in l6 cells. <i>Journal of Biological Chemistry</i> , <b>2003</b> , 278, 49308-15	5.4	12
10	Increase in cytosolic Ca <sup>2+</sup> induced by elevation of extracellular Ca <sup>2+</sup> in skeletal myogenic cells. <i>American Journal of Physiology - Cell Physiology</i> , <b>2003</b> , 284, C969-76	5.4	19
9	IGF-I-induced differentiation of L6 myogenic cells requires the activity of cAMP-phosphodiesterase. <i>Molecular Biology of the Cell</i> , <b>2003</b> , 14, 1392-404	3.5	24
8	Metal binding to Pseudomonas aeruginosa azurin: a kinetic investigation. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , <b>2000</b> , 55, 347-54	1.7	5
7	Vesicle-mediated phosphatidylcholine reapposition to the plasma membrane following hormone-induced phospholipase D activation. <i>Experimental Cell Research</i> , <b>2000</b> , 256, 94-104	4.2	10
6	Involvement of type 4 cAMP-phosphodiesterase in the myogenic differentiation of L6 cells. <i>Molecular Biology of the Cell</i> , <b>1999</b> , 10, 4355-67	3.5	29
5	Phospholipase D- and protein kinase C isoenzyme-dependent signal transduction pathways activated by the calcitonin receptor. <i>Endocrinology</i> , <b>1998</b> , 139, 3241-8	4.8	32
4	Characterization of the rolipram-sensitive, cyclic AMP-specific phosphodiesterases: identification and differential expression of immunologically distinct forms in the rat brain. <i>Molecular Pharmacology</i> , <b>1998</b> , 53, 23-32	4.3	104
3	Role of phospholipase C and D signalling pathways in vasopressin-dependent myogenic differentiation. <i>Journal of Cellular Physiology</i> , <b>1997</b> , 171, 34-42	7	36
2	Immunodetection of human atherosclerotic plaque with <sup>125</sup> I-labeled monoclonal antifibrin antibodies. <i>Atherosclerosis</i> , <b>1993</b> , 100, 133-9	3.1	18
1	Silver binding to Pseudomonas aeruginosa azurin. <i>Biology of Metals</i> , <b>1990</b> , 3, 73-6		3