Fabio Naro

List of Publications by Year
in descending order

67 papers	2,477 citations	218592 26 h-index	206029 48 g-index
69 all docs	69 docs citations	69 times ranked	3651 citing authors

#	Article	IF	Citations
1	A New Population of Human Adult Dental Pulp Stem Cells: A Useful Source of Living Autologous Fibrous Bone Tissue (LAB). Journal of Bone and Mineral Research, 2005, 20, 1394-1402.	3.1	385
2	An approachable human adult stem cell source for hard-tissue engineering. Journal of Cellular Physiology, 2006, 206, 693-701.	2.0	218
3	Chronic Inhibition of cGMP Phosphodiesterase 5A Improves Diabetic Cardiomyopathy. Circulation, 2012, 125, 2323-2333.	1.6	171
4	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. Lancet Diabetes and Endocrinology,the, 2018, 6, 173-185.	5.5	155
5	Characterization of the Rolipram-Sensitive, Cyclic AMP-Specific Phosphodiesterases: Identification and Differential Expression of Immunologically Distinct Forms in the Rat Brain. Molecular Pharmacology, 1998, 53, 23-32.	1.0	116
6	Phosphodiesterase 4D is required for Â2 adrenoceptor subtype-specific signaling in cardiac myocytes. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 909-914.	3.3	116
7	Cytoskeleton/stretch-activated ion channel interaction regulates myogenic differentiation of skeletal myoblasts. Journal of Cellular Physiology, 2007, 211, 296-306.	2.0	80
8	Expression and Function of Phosphodiesterase Type 5 in Human Breast Cancer Cell Lines and Tissues: Implications for Targeted Therapy. Clinical Cancer Research, 2016, 22, 2271-2282.	3.2	55
9	Circadian Rhythm of Glucocorticoid Administration Entrains Clock Genes in Immune Cells: A DREAM Trial Ancillary Study. Journal of Clinical Endocrinology and Metabolism, 2018, 103, 2998-3009.	1.8	55
10	Inhibition of de novo ceramide synthesis upregulates phospholipase D and enhances myogenic differentiation. Journal of Cell Science, 2007, 120, 407-416.	1.2	51
11	PDE5 Inhibition Ameliorates Visceral Adiposity Targeting the miR-22/SIRT1 Pathway: Evidence From the CECSID Trial. Journal of Clinical Endocrinology and Metabolism, 2016, 101, 1525-1534.	1.8	48
12	Chronic Inhibition of PDE5 Limits Pro-Inflammatory Monocyte-Macrophage Polarization in Streptozotocin-Induced Diabetic Mice. PLoS ONE, 2015, 10, e0126580.	1.1	45
13	Genetically Encoded Biosensors Reveal PKA Hyperphosphorylation on the Myofilaments in Rabbit Heart Failure. Circulation Research, 2016, 119, 931-943.	2.0	43
14	Skeletal myoblasts overexpressing relaxin improve differentiation and communication of primary murine cardiomyocyte cell cultures. Journal of Molecular and Cellular Cardiology, 2009, 47, 335-345.	0.9	42
15	Inhibition of type 5 phosphodiesterase counteracts Î²2-adrenergic signalling in beating cardiomyocytes. Cardiovascular Research, 2015, 106, 408-420.	1.8	40
16	A biphasic role of nuclear transcription factor (NF)-ÎºB in the islet Î²-cell apoptosis induced by interleukin (IL)-1Î². Journal of Cellular Physiology, 2005, 204, 124-130.	2.0	39
17	Inflammation in muscular dystrophy and the beneficial effects of nonâ€steroidal antiâ€inflammatory drugs. Muscle and Nerve, 2012, 46, 773-784.	1.0	39
18	Cellular aging of skeletal muscle: telomeric and free radical evidence that physical inactivity is responsible and not age. Clinical Science, 2014, 127, 415-421.	1.8	39

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19	Role of phospholipase C and D signalling pathways in vasopressin-dependent myogenic differentiation. Journal of Cellular Physiology, 1997, 171, 34-42.	2.0	37
20	Phosphodiesterase Inhibitors: Could They Be Beneficial for the Treatment of COVID-19?. International Journal of Molecular Sciences, 2020, 21, 5338.	1.8	37
21	Expression and activity of cyclooxygenase isoforms in skeletal muscles and myocardium of humans and rodents. Journal of Applied Physiology, 2007, 103, 1412-1418.	1.2	36
22	A Comparison of Lysosomal Enzymes Expression Levels in Peripheral Blood of Mild- and Severe-Alzheimerâ€™s Disease and MCI Patients: Implications for Regenerative Medicine Approaches. International Journal of Molecular Sciences, 2017, 18, 1806.	1.8	36
23	Phospholipase D- and Protein Kinase C Isoenzyme-Dependent Signal Transduction Pathways Activated by the Calcitonin Receptor*. Endocrinology, 1998, 139, 3241-3248.	1.4	33
24	Phosphodiesterase-5 inhibition preserves renal hemodynamics and function in mice with diabetic kidney disease by modulating miR-22 and BMP7. Scientific Reports, 2017, 7, 44584.	1.6	33
25	Video Evaluation of the Kinematics and Dynamics of the Beating Cardiac Syncytium: An Alternative to the Langendorff Method. International Journal of Artificial Organs, 2011, 34, 546-558.	0.7	30
26	Involvement of Type 4 cAMP-Phosphodiesterase in the Myogenic Differentiation of L6 Cells. Molecular Biology of the Cell, 1999, 10, 4355-4367.	0.9	29
27	Phospholipase D Regulates Myogenic Differentiation through the Activation of Both mTORC1 and mTORC2 Complexes. Journal of Biological Chemistry, 2011, 286, 22609-22621.	1.6	26
28	IGF-Iâ€“induced Differentiation of L6 Myogenic Cells Requires the Activity of cAMP-Phosphodiesterase. Molecular Biology of the Cell, 2003, 14, 1392-1404.	0.9	24
29	Increase in cytosolic Ca2+ induced by elevation of extracellular Ca2+ in skeletal myogenic cells. American Journal of Physiology - Cell Physiology, 2003, 284, C969-C976.	2.1	22
30	Pathways Implicated in Tadalafil Amelioration of Duchenne Muscular Dystrophy. Journal of Cellular Physiology, 2016, 231, 224-232.	2.0	22
31	Identification of murine phosphodiesterase 5A isoforms and their functional characterization in HLâ€1 cardiac cell line. Journal of Cellular Physiology, 2018, 233, 325-337.	2.0	22
32	PDE5 Inhibition Stimulates Tie2-Expressing Monocytes and Angiopoietin-1 Restoring Angiogenic Homeostasis in Diabetes. Journal of Clinical Endocrinology and Metabolism, 2019, 104, 2623-2636.	1.8	21
33	Immunodetection of human atherosclerotic plaque with 125I-labeled monoclonal antifibrin antibodies. Atherosclerosis, 1993, 100, 133-139.	0.4	19
34	Hypertrophy and transcriptional regulation induced in myogenic cell line L6-C5 by an increase of extracellular calcium. Journal of Cellular Physiology, 2005, 202, 787-795.	2.0	19
35	Critical role of phosphodiesterase 2A in mouse congenital heart defects. Cardiovascular Research, 2018, 114, 830-845.	1.8	19
36	Exercise training improves vascular function in patients with Alzheimerâ€™s disease. European Journal of Applied Physiology, 2020, 120, 2233-2245.	1.2	19

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37	Skeletal Muscle Fiber Size and Gene Expression in the Oldest-Old With Differing Degrees of Mobility. Frontiers in Physiology, 2019, 10, 313.	1.3	18
38	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. SpringerPlus, 2014, 3, 473.	1.2	17
39	Î²1-Syntrophin Modulation by miR-222 in mdx Mice. PLoS ONE, 2010, 5, e12098.	1.1	17
40	V1a vasopressin receptor expression is modulated during myogenic differentiation. Differentiation, 2008, 76, 371-380.	1.0	15
41	A Bimodal Modulation of the cAMP Pathway Is Involved in the Control of Myogenic Differentiation in L6 Cells. Journal of Biological Chemistry, 2003, 278, 49308-49315.	1.6	14
42	The cardioprotective effect of sildenafil is mediated by the activation of malate dehydrogenase and an increase in the malate-aspartate shuttle in cardiomyocytes. Biochemical Pharmacology, 2017, 127, 60-70.	2.0	13
43	A Three-Dimensional Culture Model of Reversibly Quiescent Myogenic Cells. Stem Cells International, 2019, 2019, 1-12.	1.2	12
44	Bone Marrow Transplantation as Therapy for Ataxia-Telangiectasia: A Systematic Review. Cancers, 2020, 12, 3207.	1.7	12
45	PDE2A Is Indispensable for Mouse Liver Development and Hematopoiesis. International Journal of Molecular Sciences, 2020, 21, 2902.	1.8	12
46	Chronic administration of sildenafil improves endothelial function in spontaneously hypertensive rats by decreasing COX-2 expression and oxidative stress. Life Sciences, 2019, 225, 29-38.	2.0	11
47	Vesicle-Mediated Phosphatidylcholine Reapposition to the Plasma Membrane Following Hormone-Induced Phospholipase D Activation. Experimental Cell Research, 2000, 256, 94-104.	1.2	10
48	Î²-Adrenergic response is counteracted by extremely-low-frequency pulsed electromagnetic fields in beating cardiomyocytes. Journal of Molecular and Cellular Cardiology, 2016, 98, 146-158.	0.9	9
49	Chronic phosphodiesterase type 5 inhibition has beneficial effects on subcutaneous adipose tissue plasticity in type 2 diabetic mice. Journal of Cellular Physiology, 2018, 233, 8411-8417.	2.0	9
50	Use of the KlADH3 promoter for the quantitative production of the murine PDE5A isoforms in the yeast Kluyveromyces lactis. Microbial Cell Factories, 2017, 16, 159.	1.9	8
51	Supplementation of anti-oxidants in leucofiltered erythrocyte concentrates: assessment of morphological changes through scanning electron microscopy. Blood Transfusion, 2014, 12, 421-4.	0.3	8
52	Phorbol ester-induced differentiation of L6 myogenic cells involves phospholipase D activation. FEBS Letters, 2004, 577, 409-414.	1.3	7
53	Modulation of the Cardiomyocyte Contraction inside a Hydrostatic Pressure Bioreactor:In VitroVerification of the Frank-Starling Law. BioMed Research International, 2015, 2015, 1-7.	0.9	7
54	The oligomeric assembly of the phosphodiesterase-5 is a mixture of dimers and tetramers: A putative role in the regulation of function. Biochimica Et Biophysica Acta - General Subjects, 2018, 1862, 2183-2190.	1.1	7

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55	Promoting Tissue Repair by Micrograft Stem Cells Delivery. Stem Cells International, 2020, 2020, 1-2.	1.2	7
56	Non-AÎ²-Dependent Factors Associated with Global Cognitive and Physical Function in Alzheimerâ€™s Disease: A Pilot Multivariate Analysis. Journal of Clinical Medicine, 2019, 8, 224.	1.0	6
57	Metal Binding to Pseudomonas aeruginosa Azurin: a Kinetic Investigation. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2000, 55, 347-354.	0.6	5
58	Age-Associated ALU Element Instability in White Blood Cells Is Linked to Lower Survival in Elderly Adults: A Preliminary Cohort Study. PLoS ONE, 2017, 12, e0169628.	1.1	5
59	Therapeutic use of pulsed electromagnetic field therapy reduces prostate volume and lower urinary tract symptoms in benign prostatic hyperplasia. Andrology, 2020, 8, 1076-1085.	1.9	4
60	Phosphodiesterases Expression during Murine Cardiac Development. International Journal of Molecular Sciences, 2021, 22, 2593.	1.8	4
61	Cell Shortening and Calcium Homeostasis Analysis in Adult Cardiomyocytes via a New Software Tool. Biomedicines, 2022, 10, 640.	1.4	4
62	Silver binding toPseudomonas aeruginosa azurin. Biology of Metals, 1990, 3, 73-76.	1.1	3
63	Low power microwave interaction with phospholipase C and D signal transduction pathways in myogenic cells. Cell Biology International, 2004, 28, 683-688.	1.4	3
64	TLQP-21 changes in response to a glucose load. Tissue and Cell, 2021, 68, 101471.	1.0	3
65	Toxic Effects of Polychlorinated Biphenyls in Myogenic Cells. Journal of Health Science, 2004, 50, 33-41.	0.9	2
66	Model of Murine Ventricular Cardiac Tissue for In Vitro Kinematic-Dynamic Studies of Electromagnetic and Î²-Adrenergic Stimulation. Journal of Healthcare Engineering, 2017, 2017, 1-7.	1.1	1
67	AvaliaÃ§Ã£o da eficÃ¡cia do sistema rigeneracon no tratamento de lesÃµes de calvÃ¡ria em ratos. Arquivo Brasileiro De Medicina Veterinaria E Zootecnia, 2021, 73, 132-140.	0.1	0