

Fabio Naro

List of Publications by Citations

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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	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> , 2005 , 20, 1394-402	6.3	324
65	An approachable human adult stem cell source for hard-tissue engineering. <i>Journal of Cellular Physiology</i> , 2006 , 206, 693-701	7	192
64	Chronic Inhibition of cGMP phosphodiesterase 5A improves diabetic cardiomyopathy: a randomized, controlled clinical trial using magnetic resonance imaging with myocardial tagging. <i>Circulation</i> , 2012 , 125, 2323-33	16.7	129
63	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> , 1998 , 53, 23-32	4.3	104
62	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> , 2018 , 6, 173-185	18.1	101
61	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> , 2005 , 102, 909-14	11.5	100
60	Cytoskeleton/stretch-activated ion channel interaction regulates myogenic differentiation of skeletal myoblasts. <i>Journal of Cellular Physiology</i> , 2007 , 211, 296-306	7	67
59	Inhibition of de novo ceramide synthesis upregulates phospholipase D and enhances myogenic differentiation. <i>Journal of Cell Science</i> , 2007 , 120, 407-16	5.3	40
58	Expression and Function of Phosphodiesterase Type 5 in Human Breast Cancer Cell Lines and Tissues: Implications for Targeted Therapy. <i>Clinical Cancer Research</i> , 2016 , 22, 2271-82	12.9	39
57	Skeletal myoblasts overexpressing relaxin improve differentiation and communication of primary murine cardiomyocyte cell cultures. <i>Journal of Molecular and Cellular Cardiology</i> , 2009 , 47, 335-45	5.8	39
56	Role of phospholipase C and D signalling pathways in vasopressin-dependent myogenic differentiation. <i>Journal of Cellular Physiology</i> , 1997 , 171, 34-42	7	36
55	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> , 2005 , 204, 124-30	7	36
54	Circadian Rhythm of Glucocorticoid Administration Entrain Clock Genes in Immune Cells: A DREAM Trial Ancillary Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2018 , 103, 2998-3009	5.6	35
53	Expression and activity of cyclooxygenase isoforms in skeletal muscles and myocardium of humans and rodents. <i>Journal of Applied Physiology</i> , 2007 , 103, 1412-8	3.7	35
52	Chronic Inhibition of PDE5 Limits Pro-Inflammatory Monocyte-Macrophage Polarization in Streptozotocin-Induced Diabetic Mice. <i>PLoS ONE</i> , 2015 , 10, e0126580	3.7	34
51	Inflammation in muscular dystrophy and the beneficial effects of non-steroidal anti-inflammatory drugs. <i>Muscle and Nerve</i> , 2012 , 46, 773-84	3.4	34
50	Phospholipase D- and protein kinase C isoenzyme-dependent signal transduction pathways activated by the calcitonin receptor. <i>Endocrinology</i> , 1998 , 139, 3241-8	4.8	32

49	PDE5 Inhibition Ameliorates Visceral Adiposity Targeting the miR-22/SIRT1 Pathway: Evidence From the CECSID Trial. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016 , 101, 1525-34	5.6	30
48	Inhibition of type 5 phosphodiesterase counteracts β -adrenergic signalling in beating cardiomyocytes. <i>Cardiovascular Research</i> , 2015 , 106, 408-20	9.9	29
47	Genetically Encoded Biosensors Reveal PKA Hyperphosphorylation on the Myofilaments in Rabbit Heart Failure. <i>Circulation Research</i> , 2016 , 119, 931-43	15.7	29
46	Involvement of type 4 cAMP-phosphodiesterase in the myogenic differentiation of L6 cells. <i>Molecular Biology of the Cell</i> , 1999 , 10, 4355-67	3.5	29
45	Cellular aging of skeletal muscle: telomeric and free radical evidence that physical inactivity is responsible and not age. <i>Clinical Science</i> , 2014 , 127, 415-21	6.5	26
44	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> , 2011 , 34, 546-58	1.9	26
43	Phospholipase D regulates myogenic differentiation through the activation of both mTORC1 and mTORC2 complexes. <i>Journal of Biological Chemistry</i> , 2011 , 286, 22609-21	5.4	25
42	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
41	IGF-I-induced differentiation of L6 myogenic cells requires the activity of cAMP-phosphodiesterase. <i>Molecular Biology of the Cell</i> , 2003 , 14, 1392-404	3.5	24
40	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> , 2017 , 18,	6.3	23
39	Phosphodiesterase Inhibitors: Could They Be Beneficial for the Treatment of COVID-19?. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	22
38	Increase in cytosolic Ca ²⁺ induced by elevation of extracellular Ca ²⁺ in skeletal myogenic cells. <i>American Journal of Physiology - Cell Physiology</i> , 2003 , 284, C969-76	5.4	19
37	Pathways Implicated in Tadalafil Amelioration of Duchenne Muscular Dystrophy. <i>Journal of Cellular Physiology</i> , 2016 , 231, 224-32	7	19
36	Immunodetection of human atherosclerotic plaque with 125I-labeled monoclonal antifibrin antibodies. <i>Atherosclerosis</i> , 1993 , 100, 133-9	3.1	18
35	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> , 2014 , 3, 473		15
34	Hypertrophy and transcriptional regulation induced in myogenic cell line L6-C5 by an increase of extracellular calcium. <i>Journal of Cellular Physiology</i> , 2005 , 202, 787-95	7	15
33	β -syntrophin modulation by miR-222 in mdx mice. <i>PLoS ONE</i> , 2010 , 5, e12098	3.7	15
32	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

31	V1a vasopressin receptor expression is modulated during myogenic differentiation. <i>Differentiation</i> , 2008 , 76, 371-80	3.5	13
30	Skeletal Muscle Fiber Size and Gene Expression in the Oldest-Old With Differing Degrees of Mobility. <i>Frontiers in Physiology</i> , 2019 , 10, 313	4.6	12
29	A bimodal modulation of the cAMP pathway is involved in the control of myogenic differentiation in l6 cells. <i>Journal of Biological Chemistry</i> , 2003 , 278, 49308-15	5.4	12
28	Critical role of phosphodiesterase 2A in mouse congenital heart defects. <i>Cardiovascular Research</i> , 2018 , 114, 830-845	9.9	11
27	Vesicle-mediated phosphatidylcholine reapposition to the plasma membrane following hormone-induced phospholipase D activation. <i>Experimental Cell Research</i> , 2000 , 256, 94-104	4.2	10
26	Chronic administration of sildenafil improves endothelial function in spontaneously hypertensive rats by decreasing COX-2 expression and oxidative stress. <i>Life Sciences</i> , 2019 , 225, 29-38	6.8	9
25	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> , 2017 , 127, 60-70	6	8
24	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
23	βAdrenergic response is counteracted by extremely-low-frequency pulsed electromagnetic fields in beating cardiomyocytes. <i>Journal of Molecular and Cellular Cardiology</i> , 2016 , 98, 146-58	5.8	8
22	Exercise training improves vascular function in patients with Alzheimer's disease. <i>European Journal of Applied Physiology</i> , 2020 , 120, 2233-2245	3.4	7
21	Chronic phosphodiesterase type 5 inhibition has beneficial effects on subcutaneous adipose tissue plasticity in type 2 diabetic mice. <i>Journal of Cellular Physiology</i> , 2018 , 233, 8411-8417	7	7
20	Supplementation of anti-oxidants in leucofiltered erythrocyte concentrates: assessment of morphological changes through scanning electron microscopy. <i>Blood Transfusion</i> , 2014 , 12, 421-4	3.6	6
19	Modulation of the cardiomyocyte contraction inside a hydrostatic pressure bioreactor: in vitro verification of the Frank-Starling law. <i>BioMed Research International</i> , 2015 , 2015, 542105	3	5
18	Phorbol ester-induced differentiation of L6 myogenic cells involves phospholipase D activation. <i>FEBS Letters</i> , 2004 , 577, 409-14	3.8	5
17	Metal binding to Pseudomonas aeruginosa azurin: a kinetic investigation. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2000 , 55, 347-54	1.7	5
16	Non-ADependent Factors Associated with Global Cognitive and Physical Function in Alzheimer's Disease: A Pilot Multivariate Analysis. <i>Journal of Clinical Medicine</i> , 2019 , 8,	5.1	5
15	Bone Marrow Transplantation as Therapy for Ataxia-Telangiectasia: A Systematic Review. <i>Cancers</i> , 2020 , 12,	6.6	4
14	A Three-Dimensional Culture Model of Reversibly Quiescent Myogenic Cells. <i>Stem Cells International</i> , 2019 , 2019, 7548160	5	4

13	PDE2A Is Indispensable for Mouse Liver Development and Hematopoiesis. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	3
12	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> , 2017 , 12, e0169628	3.7	3
11	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> , 2017 , 16, 159	6.4	3
10	Low power microwave interaction with phospholipase C and D signal transduction pathways in myogenic cells. <i>Cell Biology International</i> , 2004 , 28, 683-8	4.5	3
9	Silver binding to <i>Pseudomonas aeruginosa</i> azurin. <i>Biology of Metals</i> , 1990 , 3, 73-6		3
8	Therapeutic use of pulsed electromagnetic field therapy reduces prostate volume and lower urinary tract symptoms in benign prostatic hyperplasia. <i>Andrology</i> , 2020 , 8, 1076-1085	4.2	2
7	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> , 2018 , 1862, 2183-2190	4	2
6	Toxic Effects of Polychlorinated Biphenyls in Myogenic Cells. <i>Journal of Health Science</i> , 2004 , 50, 33-41		2
5	Model of Murine Ventricular Cardiac Tissue for Kinematic-Dynamic Studies of Electromagnetic and -Adrenergic Stimulation. <i>Journal of Healthcare Engineering</i> , 2017 , 2017, 4204085	3.7	1
4	Phosphodiesterases Expression during Murine Cardiac Development. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	1
3	TLQP-21 changes in response to a glucose load. <i>Tissue and Cell</i> , 2021 , 68, 101471	2.7	0
2	Ergotropic Effect in Cardiac Tissue After Electromagnetic and β Adrenergic Stimulus. <i>SEMA SIMAI Springer Series</i> , 2018 , 75-85	0.2	
1	Avaliaço da eficcia do sistema regenerao no tratamento de leses de calvnia em ratos. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , 2021 , 73, 132-140	0.3	