

Manuel Scimeca

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.

81
papers

1,375
citations

21
h-index

33
g-index

100
ext. papers

1,832
ext. citations

5.2
avg, IF

5.26
L-index

#	Paper	IF	Citations
81	Role of Myostatin in Muscle Degeneration by Random Positioning Machine Exposure: An Study for the Treatment of Sarcopenia.. <i>Frontiers in Physiology</i> , 2022 , 13, 782000	4.6	3
80	ITCH E3 Ubiquitin Ligase downregulation compromises hepatic degradation of branched-chain amino acids.. <i>Molecular Metabolism</i> , 2022 , 101454	8.8	0
79	Exposure to Random Positioning Machine Alters the Mineralization Process and PTX3 Expression in the SAOS-2 Cell Line. <i>Life</i> , 2022 , 12, 610	3	1
78	[Tc]Sestamibi bioaccumulation induces apoptosis in prostate cancer cells: an in vitro study.. <i>Molecular and Cellular Biochemistry</i> , 2022 , 1	4.2	
77	No Time to Die: How Kidney Cancer Evades Cell Death. <i>International Journal of Molecular Sciences</i> , 2022 , 23, 6198	6.3	0
76	Posible papel de la gammagrafía con [99mTc]Tc-sestamibi en el seguimiento de la enfermedad Kawasaki-like relacionada con el SARS-CoV-2. <i>Revista Espanola De Medicina Nuclear E Imagen Molecular</i> , 2021 ,	0.4	78
75	Persistence of SARS-CoV-2 Viral RNA in Nasopharyngeal Swabs after Death: An Observational Study. <i>Microorganisms</i> , 2021 , 9,	4.9	2
74	The risk of carotid plaque instability in patients with metabolic syndrome is higher in women with hypertriglyceridemia. <i>Cardiovascular Diabetology</i> , 2021 , 20, 98	8.7	3
73	Effects of Risk Factors on In Situ Expression of Proinflammatory Markers Correlated to Carotid Plaque Instability. <i>Applied Immunohistochemistry and Molecular Morphology</i> , 2021 , 29, 741-749	1.9	0
72	PTX3 Effects on Osteogenic Differentiation in Osteoporosis: An In Vitro Study. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	2
71	18F-FDG-PET/CT analysis in hospitalized patients affected by pulmonary disease: The experience of the Nuclear Medicine Unit of "Policlinico Tor Vegata". <i>Nuclear Medicine Communications</i> , 2021 , 42, 1104-1111	16.1	11
70	Persistence of SARS-CoV-2 viral RNA in nasopharyngeal swabs after death. <i>Journal of Infection</i> , 2021 , 82, e3-e5	18.9	
69	Dose-Response Effect of Vibratory Stimulus on Synaptic and Muscle Plasticity in a Middle-Aged Murine Model. <i>Frontiers in Physiology</i> , 2021 , 12, 678449	4.6	3
68	Breast cancer metastasis to bone: From epithelial to mesenchymal transition to breast osteoblast-like cells. <i>Seminars in Cancer Biology</i> , 2021 , 72, 155-164	12.7	11
67	Extensive Histopathological Characterization of Inflamed Bowel in the Dextran Sulfate Sodium Mouse Model with Emphasis on Clinically Relevant Biomarkers and Targets for Drug Development. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	3
66	Possible role of 99mTc-Sestamibi scintigraphy in the follow-up of Kawasaki-like disease related to SARS-CoV-2. <i>Revista Espanola De Medicina Nuclear E Imagen Molecular</i> , 2021 ,	0.1	78
65	[99mTc]Tc-Sestamibi Bioaccumulation Can Induce Apoptosis in Breast Cancer Cells: Molecular and Clinical Perspectives. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 2733	2.6	3

64	Thromboembolism after COVID-19 vaccine in patients with preexisting thrombocytopenia. <i>Cell Death and Disease</i> , 2021 , 12, 762	9.8	3
63	Silica encapsulation of ZnO nanoparticles reduces their toxicity for cumulus cell-oocyte-complex expansion. <i>Particle and Fibre Toxicology</i> , 2021 , 18, 33	8.4	1
62	Proteasome inhibition by bortezomib parallels a reduction in head and neck cancer cells growth, and an increase in tumor-infiltrating immune cells. <i>Scientific Reports</i> , 2021 , 11, 19051	4.9	3
61	The Paradox Effect of Calcification in Carotid Atherosclerosis: Microcalcification is Correlated with Plaque Instability. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	5
60	Hippocampal Adaptations to Continuous Aerobic Training: A Functional and Ultrastructural Evaluation in a Young Murine Model.. <i>Journal of Functional Morphology and Kinesiology</i> , 2021 , 6,	2.4	1
59	Curcumin Enhances the Antitumoral Effect Induced by the Recombinant Vaccinia Neu Vaccine (rV-T) in Mice with Transplanted Salivary Gland Carcinoma Cells. <i>Nutrients</i> , 2020 , 12,	6.7	5
58	Targeting the vascular endothelial growth factor receptor-1 by the monoclonal antibody D16F7 to increase the activity of immune checkpoint inhibitors against cutaneous melanoma. <i>Pharmacological Research</i> , 2020 , 159, 104957	10.2	11
57	BMP-2 Variants in Breast Epithelial to Mesenchymal Transition and Microcalcifications Origin. <i>Cells</i> , 2020 , 9,	7.9	8
56	Adjuvant denosumab in early breast cancer. <i>Lancet Oncology, The</i> , 2020 , 21, e122	21.7	4
55	Breast-Specific Gamma Imaging with [mTc]Tc-Sestamibi: An In Vivo Analysis for Early Identification of Breast Cancer Lesions Expressing Bone Biomarkers. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	4
54	mTc-sestamibi breast imaging: Current status, new ideas and future perspectives. <i>Seminars in Cancer Biology</i> , 2020 ,	12.7	10
53	A Novel Prostate Cell Type-Specific Gene Signature to Interrogate Prostate Tumor Differentiation Status and Monitor Therapeutic Response (Running Title: Phenotypic Classification of Prostate Tumors). <i>Cancers</i> , 2020 , 12,	6.6	4
52	Differences between muscle from osteoporotic and osteoarthritic subjects: in vitro study by diffusion-tensor MRI and histological findings. <i>Aging Clinical and Experimental Research</i> , 2020 , 32, 2489-2499	4.8	0
51	Effects of Simulated Microgravity on Muscle Stem Cells Activity. <i>Cellular Physiology and Biochemistry</i> , 2020 , 54, 736-747	3.9	11
50	Molecular Aspects and Prognostic Significance of Microcalcifications in Human Pathology: A Narrative Review. <i>International Journal of Molecular Sciences</i> , 2020 , 22,	6.3	3
49	Imaging Diagnostics and Pathology in SARS-CoV-2-Related Diseases. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	7
48	[mTc]Sestamibi SPECT Can Predict Proliferation Index, Angiogenesis, and Vascular Invasion in Parathyroid Patients: A Retrospective Study. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	4
47	Effects of Different Continuous Aerobic Training Protocols in a Heterozygous Mouse Model of Niemann-Pick Type C Disease. <i>Journal of Functional Morphology and Kinesiology</i> , 2020 , 5,	2.4	3

46	Definition of a Novel Plasmid-Based Gene Transfection Protocol of Mammalian Skeletal Muscles by Means of In Vivo Electroporation. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	1
45	Beneficial Effects of Physical Activity on Subjects with Neurodegenerative Disease. <i>Journal of Functional Morphology and Kinesiology</i> , 2020 , 5,	2.4	2
44	Morphological evaluation of sympathetic renal innervation in patients with autosomal dominant polycystic kidney disease. <i>Journal of Nephrology</i> , 2020 , 33, 83-89	4.8	1
43	The Role of PTX3 in Mineralization Processes and Aging-Related Bone Diseases. <i>Frontiers in Immunology</i> , 2020 , 11, 622772	8.4	4
42	Negative prognostic value of intra-ductal fat infiltrate in breast cancer. <i>Pathology Research and Practice</i> , 2019 , 215, 152634	3.4	3
41	Plaque calcification is driven by different mechanisms of mineralization associated with specific cardiovascular risk factors. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2019 , 29, 1330-1336	4.5	9
40	Prostate cancer and inflammation: A new molecular imaging challenge in the era of personalized medicine. <i>Nuclear Medicine and Biology</i> , 2019 , 68-69, 66-79	2.1	11
39	Programmed death ligand 1 expression in prostate cancer cells is associated with deep changes of the tumor inflammatory infiltrate composition. <i>Urologic Oncology: Seminars and Original Investigations</i> , 2019 , 37, 297.e19-297.e31	2.8	21
38	Chronic Kidney Disease Is Linked to Carotid Nodular Calcification, An Unstable Plaque Not Correlated to Inflammation 2019 , 10, 71-81		8
37	New advance in breast cancer pathology and imaging. <i>Future Oncology</i> , 2019 , 15, 2707-2722	3.6	3
36	Combining Diagnostic Imaging and Pathology for Improving Diagnosis and Prognosis of Cancer. <i>Contrast Media and Molecular Imaging</i> , 2019 , 2019, 9429761	3.2	11
35	Novel insights into breast cancer progression and metastasis: A multidisciplinary opportunity to transition from biology to clinical oncology. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2019 , 1872, 138-148	11.2	23
34	Microcalcifications Drive Breast Cancer Occurrence and Development by Macrophage-Mediated Epithelial to Mesenchymal Transition. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	15
33	F-Choline PET/CT Identifies High-Grade Prostate Cancer Lesions Expressing Bone Biomarkers. <i>Journal of Clinical Medicine</i> , 2019 , 8,	5.1	5
32	Electron microscopy in human diseases: diagnostic and research perspectives. <i>Nanomedicine</i> , 2019 , 14, 371-373	5.6	3
31	Effects of short-term aerobic exercise in a mouse model of Niemann-Pick type C disease on synaptic and muscle plasticity. <i>Annali Dell'Istituto Superiore Di Sanita</i> , 2019 , 55, 330-337	1.6	6
30	Forcing ATGL expression in hepatocarcinoma cells imposes glycolytic rewiring through PPAR- γ /p300-mediated acetylation of p53. <i>Oncogene</i> , 2019 , 38, 1860-1875	9.2	21
29	Calcifications in prostate cancer: An active phenomenon mediated by epithelial cells with osteoblast-phenotype. <i>Microscopy Research and Technique</i> , 2018 , 81, 745-748	2.8	14

28	Breast Osteoblast-like Cells: A Reliable Early Marker for Bone Metastases From Breast Cancer. <i>Clinical Breast Cancer</i> , 2018 , 18, e659-e669	3	39
27	The role of obesity in carotid plaque instability: interaction with age, gender, and cardiovascular risk factors. <i>Cardiovascular Diabetology</i> , 2018 , 17, 46	8.7	22
26	Inquadramento del paziente fragile: dalla scienza di base alla clinica. <i>LO SCALPELLO-OTODI Educational</i> , 2018 , 32, 10-13	0	
25	The Anti-Vascular Endothelial Growth Factor Receptor-1 Monoclonal Antibody D16F7 Inhibits Glioma Growth and Angiogenesis In Vivo. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2018 , 364, 77-86	4.7	16
24	Energy Dispersive X-ray (EDX) microanalysis: A powerful tool in biomedical research and diagnosis. <i>European Journal of Histochemistry</i> , 2018 , 62, 2841	2.1	102
23	Radiological, Histological and Chemical Analysis of Breast Microcalcifications: Diagnostic Value and Biological Significance. <i>Journal of Mammary Gland Biology and Neoplasia</i> , 2018 , 23, 89-99	2.4	34
22	Animal models for the study of inflammatory bowel diseases: a meta-analysis on modalities for imaging inflammatory lesions. <i>Quarterly Journal of Nuclear Medicine and Molecular Imaging</i> , 2018 , 62, 78-100	1.4	4
21	Prostate Osteoblast-Like Cells: A Reliable Prognostic Marker of Bone Metastasis in Prostate Cancer Patients. <i>Contrast Media and Molecular Imaging</i> , 2018 , 2018, 9840962	3.2	12
20	Vitamin D Receptor in Muscle Atrophy of Elderly Patients: A Key Element of Osteoporosis-Sarcopenia Connection 2018 , 9, 952-964		24
19	Breast osteoblast-like cells: a new biomarker for the management of breast cancer. <i>British Journal of Cancer</i> , 2018 , 119, 1129-1132	8.7	23
18	biological fate of poly(vinylalcohol) microbubbles in mice. <i>Heliyon</i> , 2018 , 4, e00770	3.6	12
17	Bone Morphogenetic Proteins and myostatin pathways: key mediator of human sarcopenia. <i>Journal of Translational Medicine</i> , 2017 , 15, 34	8.5	18
16	Silver nanoparticles inhaled during pregnancy reach and affect the placenta and the foetus. <i>Nanotoxicology</i> , 2017 , 11, 687-698	5.3	70
15	PTX3: a new mediator of bone metabolism and osteoporosis. <i>Muscles, Ligaments and Tendons Journal</i> , 2017 , 7, 200-201	1.9	10
14	Carotid plaque instability is not related to quantity but to elemental composition of calcification. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2017 , 27, 768-774	4.5	23
13	The anti-vascular endothelial growth factor receptor-1 monoclonal antibody D16F7 inhibits invasiveness of human glioblastoma and glioblastoma stem cells. <i>Journal of Experimental and Clinical Cancer Research</i> , 2017 , 36, 106	12.8	30
12	Heavy metals accumulation affects bone microarchitecture in osteoporotic patients. <i>Environmental Toxicology</i> , 2017 , 32, 1333-1342	4.2	30
11	Impairment of PTX3 expression in osteoblasts: a key element for osteoporosis. <i>Cell Death and Disease</i> , 2017 , 8, e3125	9.8	32

10	Rapid Rapamycin-Only Induced Osteogenic Differentiation of Blood-Derived Stem Cells and Their Adhesion to Natural and Artificial Scaffolds. <i>Stem Cells International</i> , 2017 , 2017, 2976541	5	3
9	Bone Marrow Lipid Profiles from Peripheral Skeleton as Potential Biomarkers for Osteoporosis: A 1H-MR Spectroscopy Study. <i>Academic Radiology</i> , 2016 , 23, 273-83	4.3	34
8	Emerging prognostic markers related to mesenchymal characteristics of poorly differentiated breast cancers. <i>Tumor Biology</i> , 2016 , 37, 5427-35	2.9	39
7	Ellagic Acid Inhibits Bladder Cancer Invasiveness and In Vivo Tumor Growth. <i>Nutrients</i> , 2016 , 8,	6.7	51
6	The role of sarcopenia with and without fracture. <i>Injury</i> , 2016 , 47 Suppl 4, S3-S10	2.5	21
5	Sarcopenia: a histological and immunohistochemical study on age-related muscle impairment. <i>Aging Clinical and Experimental Research</i> , 2015 , 27 Suppl 1, S51-60	4.8	16
4	A new water soluble MAPK activator exerts antitumor activity in melanoma cells resistant to the BRAF inhibitor vemurafenib. <i>Biochemical Pharmacology</i> , 2015 , 95, 16-27	6	24
3	Satellite Cells CD44 Positive Drive Muscle Regeneration in Osteoarthritis Patients. <i>Stem Cells International</i> , 2015 , 2015, 469459	5	18
2	A novel orally active water-soluble inhibitor of human glutathione transferase exerts a potent and selective antitumor activity against human melanoma xenografts. <i>Oncotarget</i> , 2015 , 6, 4126-43	3.3	18
1	Microcalcifications in breast cancer: an active phenomenon mediated by epithelial cells with mesenchymal characteristics. <i>BMC Cancer</i> , 2014 , 14, 286	4.8	117