## Giuseppe Musumeci

List of Publications by Year in descending order

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257 papers 8,029 citations

47006 47 h-index 79698 73 g-index

263 all docs

263 docs citations

times ranked

263

9375 citing authors

#	Article	IF	Citations
1	The impact of physical activity on psychological health during Covid-19 pandemic in Italy. Heliyon, 2020, 6, e04315.	3.2	568
2	Osteoarthritis in the XXIst Century: Risk Factors and Behaviours that Influence Disease Onset and Progression. International Journal of Molecular Sciences, 2015, 16, 6093-6112.	4.1	254
3	Chondrocyte and mesenchymal stem cell-based therapies for cartilage repair in osteoarthritis and related orthopaedic conditions. Maturitas, 2014, 78, 188-198.	2.4	225
4	Biomarkers of Chondrocyte Apoptosis and Autophagy in Osteoarthritis. International Journal of Molecular Sciences, 2015, 16, 20560-20575.	4.1	217
5	Chondrosenescence: Definition, hallmarks and potential role in the pathogenesis of osteoarthritis. Maturitas, 2015, 80, 237-244.	2.4	162
6	Physical Activity Levels and Related Energy Expenditure during COVID-19 Quarantine among the Sicilian Active Population: A Cross-Sectional Online Survey Study. Sustainability, 2020, 12, 4356.	3.2	137
7	Fatty liver disease and lifestyle in youngsters: diet, food intake frequency, exercise, sleep shortage and fashion. Liver International, 2016, 36, 427-433.	3.9	134
8	Moderate Physical Activity as a Prevention Method for Knee Osteoarthritis and the Role of Synoviocytes as Biological Key. International Journal of Molecular Sciences, 2019, 20, 511.	4.1	128
9	New perspectives for articular cartilage repair treatment through tissue engineering: A contemporary review. World Journal of Orthopedics, 2014, 5, 80.	1.8	123
10	Extra-virgin olive oil diet and mild physical activity prevent cartilage degeneration in an osteoarthritis model: an in vivo and in vitro study on lubricin expression. Journal of Nutritional Biochemistry, 2013, 24, 2064-2075.	4.2	119
11	Perioperative management of antiplatelet therapy in patients with coronary stents undergoing cardiac and non-cardiac surgery: a consensus document from Italian cardiological, surgical and anaesthesiological societies. EuroIntervention, 2014, 10, 38-46.	3.2	119
12	Physical activity ameliorates cartilage degeneration in a rat model of aging: A study on lubricin expression. Scandinavian Journal of Medicine and Science in Sports, 2015, 25, e222-30.	2.9	102
13	Characterization of apoptosis in articular cartilage derived from the knee joints of patients with osteoarthritis. Knee Surgery, Sports Traumatology, Arthroscopy, 2011, 19, 307-313.	4.2	97
14	The effects of physical activity on apoptosis and lubricin expression in articular cartilage in rats with glucocorticoid-induced osteoporosis. Journal of Bone and Mineral Metabolism, 2013, 31, 274-284.	2.7	89
15	Somitogenesis: From somite to skeletal muscle. Acta Histochemica, 2015, 117, 313-328.	1.8	86
16	Ameliorative Effects of PACAP against Cartilage Degeneration. Morphological, Immunohistochemical and Biochemical Evidence from in Vivo and in Vitro Models of Rat Osteoarthritis. International Journal of Molecular Sciences, 2015, 16, 5922-5944.	4.1	81
17	Age-related degeneration of articular cartilage in the pathogenesis of osteoarthritis: molecular markers of senescent chondrocytes. Histology and Histopathology, 2015, 30, 1-12.	0.7	79
18	Physical activity and Mediterranean diet based on olive tree phenolic compounds from two different geographical areas have protective effects on early osteoarthritis, muscle atrophy and hepatic steatosis. European Journal of Nutrition, 2019, 58, 565-581.	3.9	78

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19	RANKL is downregulated in bone cells by physical activity (treadmill and vibration stimulation) Tj ETQq1 1 0.78431 1185-96.	4 rgBT /0.7	Overlock 10 78
20	The Role of Intrinsic Pathway in Apoptosis Activation and Progression in Peyronie's Disease. BioMed Research International, 2014, 2014, 1-10.	1.9	77
21	Mesenchymal Stem Cell-Based Cartilage Regeneration Approach and Cell Senescence: Can We Manipulate Cell Aging and Function?. Tissue Engineering - Part B: Reviews, 2017, 23, 529-539.	4.8	76
22	Effect of phosphodiesterase-5 inhibition on apoptosis and beta amyloid load in aged mice. Neurobiology of Aging, 2014, 35, 520-531.	3.1	75
23	Nutraceutical Supplements in the Management and Prevention of Osteoarthritis. International Journal of Molecular Sciences, 2016, 17, 2042.	4.1	73
24	Coronavirus Outbreak in Italy: Physiological Benefits of Home-Based Exercise During Pandemic. Journal of Functional Morphology and Kinesiology, 2020, 5, 31.	2.4	71
25	The importance of physical activity in osteoporosis. From the molecular pathways to the clinical evidence. Histology and Histopathology, 2016, 31, 1183-94.	0.7	69
26	A correlation between intestinal microbiota dysbiosis and osteoarthritis. Heliyon, 2019, 5, e01134.	3.2	68
27	Characterization of matrix metalloproteinase-2 and -9, ADAM-10 and N-cadherin expression in human glioblastoma multiforme. Cell and Tissue Research, 2015, 362, 45-60.	2.9	65
28	Co-Expression and Co-Localization of Cartilage Glycoproteins CHI3L1 and Lubricin in Osteoarthritic Cartilage: Morphological, Immunohistochemical and Gene Expression Profiles. International Journal of Molecular Sciences, 2016, 17, 359.	4.1	65
29	Dopamine: an immune transmitter. Neural Regeneration Research, 2020, 15, 2173.	3.0	64
30	Effects of dietary extra-virgin olive oil on oxidative stress resulting from exhaustive exercise in rat skeletal muscle: A morphological study. Acta Histochemica, 2014, 116, 61-69.	1.8	63
31	Asymmetrical seeding of MSCs into fibrin-poly(ester-urethane) scaffolds and its effect on mechanically induced chondrogenesis. Journal of Tissue Engineering and Regenerative Medicine, 2017, 11, 2912-2921.	2.7	63
32	Degenerative disc disease of herniated intervertebral discs is associated with extracellular matrix remodeling, vimentin-positive cells and cell death. Annals of Anatomy, 2011, 193, 156-162.	1.9	61
33	Post-Traumatic Caspase-3 Expression in the Adjacent Areas of Growth Plate Injury Site: A Morphological Study. International Journal of Molecular Sciences, 2013, 14, 15767-15784.	4.1	61
34	Elite Athletes and COVID-19 Lockdown: Future Health Concerns for an Entire Sector. Journal of Functional Morphology and Kinesiology, 2020, 5, 30.	2.4	59
35	Expression of CHI3L1 and CHIT1 in osteoarthritic rat cartilage model. A morphological study. European Journal of Histochemistry, 2014, 58, 2423.	1.5	58
36	Biosynthesis of collagen I, II, RUNX2 and lubricin at different time points of chondrogenic differentiation in a 3D in vitro model of human mesenchymal stem cells derived from adipose tissue. Acta Histochemica, 2014, 116, 1407-1417.	1.8	58

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37	OA cartilage derived chondrocytes encapsulated in poly(ethylene glycol) diacrylate (PEGDA) for the evaluation of cartilage restoration and apoptosis in an in vitro model. Histology and Histopathology, 2011, 26, 1265-78.	0.7	58
38	The Effect of Mechanical Loading on Articular Cartilage. Journal of Functional Morphology and Kinesiology, $2016,1,154\text{-}161.$	2.4	57
39	Lubricin expression in human osteoarthritic knee meniscus and synovial fluid: A morphological, immunohistochemical and biochemical study. Acta Histochemica, 2014, 116, 965-972.	1.8	56
40	$\hat{l}^2$ -Defensin-4 (HBD-4) is expressed in chondrocytes derived from normal and osteoarthritic cartilage encapsulated in PEGDA scaffold. Acta Histochemica, 2012, 114, 805-812.	1.8	55
41	Mesenchymal stem cells from adipose tissue which have been differentiated into chondrocytes in three-dimensional culture express lubricin. Experimental Biology and Medicine, 2011, 236, 1333-1341.	2.4	54
42	Cellular reactions to biodegradable magnesium alloys on human growth plate chondrocytes and osteoblasts. International Orthopaedics, 2014, 38, 881-889.	1.9	53
43	Acute injury affects lubricin expression in knee menisci: An immunohistochemical study. Annals of Anatomy, 2013, 195, 151-158.	1.9	52
44	An ex vivo study on immunohistochemical localization of MMP-7 and MMP-9 in temporomandibular joint discs with internal derangement. European Journal of Histochemistry, 2013, 57, 12.	1.5	52
45	Adult stem cell niches for tissue homeostasis. Journal of Cellular Physiology, 2022, 237, 239-257.	4.1	51
46	Network perturbation analysis in human bronchial epithelial cells following SARS-CoV2 infection. Experimental Cell Research, 2020, 395, 112204.	2.6	50
47	Sodium Lâ€lactate differently affects brainâ€derived neurothrophic factor, inducible nitric oxide synthase, and heat shock protein 70 kDa production in human astrocytes and SH‣Y5Y cultures. Journal of Neuroscience Research, 2013, 91, 313-320.	2.9	49
48	Effects of exercise on physical limitations and fatigue in rheumatic diseases. World Journal of Orthopedics, 2015, 6, 762.	1.8	49
49	Immunolocalization and expression of lubricin in the bilaminar zone of the human temporomandibular joint disc. Acta Histochemica, 2012, 114, 1-5.	1.8	48
50	Histochemistry as a unique approach for investigating normal and osteoarthritic cartilage. European Journal of Histochemistry, 2014, 58, 2371.	1.5	48
51	Aquaporin 1 (AQP1) expression in experimentally induced osteoarthritic knee menisci: An in vivo and in vitro study. Tissue and Cell, 2013, 45, 145-152.	2.2	47
52	Perioperative management of oral antiplatelet therapy and clinical outcomes in coronary stent patients undergoing surgery. Thrombosis and Haemostasis, 2015, 113, 272-282.	3.4	46
53	MMP-13 (collagenase 3) localization in human temporomandibular joint discs with internal derangement. Acta Histochemica, 2008, 110, 314-318.	1.8	45
54	Pregnancy, embryo-fetal development and nutrition: physiology around fetal programming. Journal of Histology and Histopathology, 2015, 2, 1.	0.4	45

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55	Lubricin is expressed in chondrocytes derived from osteoarthritic cartilage encapsulated in poly(ethylene glycol) diacrylate scaffold. European Journal of Histochemistry, 2011, 55, e31.	1.5	44
56	Expression of β-defensin-4 in "an in vivo and ex vivo model―of human osteoarthritic knee meniscus. Knee Surgery, Sports Traumatology, Arthroscopy, 2012, 20, 216-222.	4.2	43
57	Chondrocyte-like apoptosis in temporomandibular joint disc internal derangement as a repair-limiting mechanism. An in vivo study. Histology and Histopathology, 2009, 24, 293-8.	0.7	43
58	Immunolocalization of lubricin in the rat periodontal ligament during experimental tooth movement. Acta Histochemica, 2012, 114, 700-704.	1.8	42
59	Advantages of exercise in rehabilitation, treatment and prevention of altered morphological features in knee osteoarthritis. A narrative review. Histology and Histopathology, 2014, 29, 707-19.	0.7	42
60	Cytotoxicity, oxidative stress and genotoxicity induced by glass fibers on human alveolar epithelial cell line A549. Toxicology in Vitro, 2015, 29, 551-557.	2.4	41
61	Echocardiography and NAFLD (non-alcoholic fatty liver disease). International Journal of Cardiology, 2016, 221, 275-279.	1.7	40
62	Effects of high-tryptophan diet on pre- and postnatal development in rats: a morphological study. European Journal of Nutrition, 2014, 53, 297-308.	3.9	39
63	One Year of COVID-19 Pandemic in Italy: Effect of Sedentary Behavior on Physical Activity Levels and Musculoskeletal Pain among University Students. International Journal of Environmental Research and Public Health, 2021, 18, 8680.	2.6	39
64	An in vivo experimental study on osteopenia in diabetic rats. Acta Histochemica, 2011, 113, 619-625.	1.8	37
65	α-Lipoic Acid Reduces Iron-induced Toxicity and Oxidative Stress in a Model of Iron Overload. International Journal of Molecular Sciences, 2019, 20, 609.	4.1	37
66	A journey through the pituitary gland: Development, structure and function, with emphasis on embryo-foetal and later development. Acta Histochemica, 2015, 117, 355-366.	1.8	36
67	Changes in serotonin (5-HT) and brain-derived neurotrophic factor (BDFN) expression in frontal cortex and hippocampus of aged rat treated with high tryptophan diet. Brain Research Bulletin, 2015, 119, 12-18.	3.0	36
68	Altered joint tribology in osteoarthritis: Reduced lubricin synthesis due to the inflammatory process. New horizons for therapeutic approaches. Annals of Physical and Rehabilitation Medicine, 2016, 59, 149-156.	2.3	36
69	Engineered cartilage regeneration from adipose tissue derived-mesenchymal stem cells: A morphomolecular study on osteoblast, chondrocyte and apoptosis evaluation. Experimental Cell Research, 2017, 357, 222-235.	2.6	36
70	Sarcopenia and Exercise "The State of the Art― Journal of Functional Morphology and Kinesiology, 2017, 2, 40.	2.4	36
71	Effects of PACAP on Schwann Cells: Focus on Nerve Injury. International Journal of Molecular Sciences, 2020, 21, 8233.	4.1	36
72	Enhanced expression of CD31/platelet endothelial cell adhesion molecule 1 (PECAM1) correlates with hypoxia inducible factor-1 alpha (HIF- $1\hat{l}\pm$ ) in human glioblastoma multiforme. Experimental Cell Research, 2015, 339, 407-416.	2.6	35

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73	Pyruvate Dehydrogenase and Tricarboxylic Acid Cycle Enzymes Are Sensitive Targets of Traumatic Brain Injury Induced Metabolic Derangement. International Journal of Molecular Sciences, 2019, 20, 5774.	4.1	35
74	Sex difference in CHI3L1 expression levels in human brain aging and in Alzheimer's disease. Brain Research, 2019, 1720, 146305.	2.2	34
75	The role of exercise on peripheral nerve regeneration: from animal model to clinical application. Heliyon, 2021, 7, e08281.	3.2	34
76	Clinical evidence of traditional vs fast track recovery methodologies after total arthroplasty for osteoarthritic knee treatment. A retrospective observational study. Muscles, Ligaments and Tendons Journal, 2017, 7, 504.	0.3	33
77	Diagnostic Utility of the Immunohistochemical Expression of Serine and Arginine Rich Splicing Factor 1 (SRSF1) in the Differential Diagnosis of Adult Gliomas. Cancers, 2021, 13, 2086.	3.7	33
78	Mesenchymal stem cells-based therapy as a potential treatment in neurodegenerative disorders: is the escape from senescence an answer?. Neural Regeneration Research, 2015, 10, 850.	3.0	33
79	Technological advancements in the analysis of human motion and posture management through digital devices. World Journal of Orthopedics, 2021, 12, 467-484.	1.8	32
80	Adapted Physical Activity to Ensure the Physical and Psychological Well-Being of COVID-19 Patients. Journal of Functional Morphology and Kinesiology, 2021, 6, 13.	2.4	32
81	Different pediatric brain tumors are associated with different gene expression profiling. Acta Histochemica, 2015, 117, 477-485.	1.8	31
82	Natural carcinogenic fiber and pleural plaques assessment in a general population: A cross-sectional study. Environmental Research, 2016, 150, 23-29.	7.5	30
83	Assessment of Vitamin D Supplementation on Articular Cartilage Morphology in a Young Healthy Sedentary Rat Model. Nutrients, 2019, 11, 1260.	4.1	30
84	Fully automatic segmentation of sinonasal cavity and pharyngeal airway based on convolutional neural networks. American Journal of Orthodontics and Dentofacial Orthopedics, 2021, 159, 824-835.e1.	1.7	30
85	4Ps medicine of the fatty liver: the research model of predictive, preventive, personalized and participatory medicineâ€"recommendations for facing obesity, fatty liver and fibrosis epidemics. EPMA Journal, 2014, 5, 21.	6.1	29
86	Wilms' tumor 1 (WT1) protein expression in human developing tissues. Acta Histochemica, 2015, 117, 386-396.	1.8	29
87	The Effects of Exercise and Kinesio Tape on Physical Limitations in Patients with Knee Osteoarthritis. Journal of Functional Morphology and Kinesiology, 2016, 1, 355-368.	2.4	28
88	Morphology of palatally displaced canines and adjacent teeth, a 3-D evaluation from cone-beam computed tomographic images. BMC Oral Health, 2018, 18, 156.	2.3	28
89	Impact of Western and Mediterranean Diets and Vitamin D on Muscle Fibers of Sedentary Rats. Nutrients, 2018, 10, 231.	4.1	28
90	Functional Biomolecule Delivery Systems and Bioengineering in Cartilage Regeneration. Current Pharmaceutical Biotechnology, 2019, 20, 32-46.	1.6	28

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91	Immunolocalization of Wilms' Tumor protein (WT1) in developing human peripheral sympathetic and gastroenteric nervous system. Acta Histochemica, 2014, 116, 48-54.	1.8	27
92	Which is the Best Physical Treatment for Osteoarthritis?. Journal of Functional Morphology and Kinesiology, 2016, 1, 54-68.	2.4	27
93	Fluoro-edenite fibres induce lung cell apoptosis: an in vivo study. Histology and Histopathology, 2008, 23, 319-26.	0.7	27
94	Immunohistochemical analysis of matrix metalloproteinase-13 in human caries dentin. European Journal of Histochemistry, 2014, 58, 2318.	1.5	26
95	Serotonin (5HT) expression in rat pups treated with high-tryptophan diet during fetal and early postnatal development. Acta Histochemica, 2014, 116, 335-343.	1.8	26
96	Cytoplasmic expression of Wilms tumor transcription factor-1 (WT1): A useful immunomarker for young-type fibromatoses and infantile fibrosarcoma. Acta Histochemica, 2014, 116, 1134-1140.	1.8	26
97	Impact of bridging with perioperative low-molecular-weight heparin on cardiac and bleeding outcomes of stented patients undergoing non-cardiac surgery. Thrombosis and Haemostasis, 2015, 114, 423-431.	3.4	26
98	The Use of Vibration as Physical Exercise and Therapy. Journal of Functional Morphology and Kinesiology, 2017, 2, 17.	2.4	26
99	Clinical evidence of traditional vs fast track recovery methodologies after total arthroplasty for osteoarthritic knee treatment. A retrospective observational study. Muscles, Ligaments and Tendons Journal, 2019, 07, 504.	0.3	26
100	Mammary gland: From embryogenesis to adult life. Acta Histochemica, 2015, 117, 379-385.	1.8	25
101	ADAM 10 expression in primary uveal melanoma as prognostic factor for risk of metastasis. Pathology Research and Practice, 2016, 212, 980-987.	2.3	25
102	Expression of the OAS Gene Family Is Highly Modulated in Subjects Affected by Juvenile Dermatomyositis, Resembling an Immune Response to a dsRNA Virus Infection. International Journal of Molecular Sciences, 2018, 19, 2786.	4.1	25
103	Middle-aged healthy women and Alzheimer's disease patients present an overlapping of brain cell transcriptional profile. Neuroscience, 2019, 406, 333-344.	2.3	25
104	Evaluation of a Cell-Free Collagen Type I-Based Scaffold for Articular Cartilage Regeneration in an Orthotopic Rat Model. Materials, 2020, 13, 2369.	2.9	25
105	Wilms tumor 1 (WT1) protein: Diagnostic utility in pediatric tumors. Acta Histochemica, 2015, 117, 367-378.	1.8	24
106	Immunohistochemical changes in vulnerable rat brain regions after reversible global brain ischaemia. Journal of Molecular Histology, 2007, 38, 295-302.	2.2	23
107	Lubricin in human temporomandibular joint disc: An immunohistochemical study. Archives of Oral Biology, 2012, 57, 614-619.	1.8	23
108	Apoptosis in temporomandibular joint disc with internal derangement involves mitochondrial-dependent pathways. An <i>in vivo</i> study. Acta Odontologica Scandinavica, 2013, 71, 577-583.	1.6	23

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109	Protective effects of high Tryptophan diet on aging-induced passive avoidance impairment and hippocampal apoptosis. Brain Research Bulletin, 2017, 128, 76-82.	3.0	23
110	Fasting and Fast Food Diet Play an Opposite Role in Mice Brain Aging. Molecular Neurobiology, 2018, 55, 6881-6893.	4.0	23
111	The Synovium Theory: Can Exercise Prevent Knee Osteoarthritis? The Role of "Mechanokinesâ€, A Possible Biological Key. Journal of Functional Morphology and Kinesiology, 2019, 4, 11.	2.4	23
112	Alcohol Consumption, Bone Mineral Density, and Risk of Osteoporotic Fractures: A Dose–Response Meta-Analysis. International Journal of Environmental Research and Public Health, 2022, 19, 1515.	2.6	23
113	Cyclin D1 is a useful marker for soft tissue Ewing's sarcoma/peripheral Primitive Neuroectodermal Tumor in children and adolescents: A comparative immunohistochemical study with rhabdomyosarcoma. Acta Histochemica, 2015, 117, 460-467.	1.8	22
114	Cycloastragenol as an Exogenous Enhancer of Chondrogenic Differentiation of Human Adipose-Derived Mesenchymal Stem Cells. A Morphological Study. Cells, 2020, 9, 347.	4.1	22
115	Rapid GFAP and Iba1 expression changes in the female rat brain following spinal cord injury. Neural Regeneration Research, 2022, 17, 378.	3.0	22
116	Mineral fibre toxicity: expression of retinoblastoma (Rb) and phospho-retinoblastoma (pRb) protein in alveolar epithelial and mesothelial cell lines exposed to fluoro-edenite fibres. Cell Biology and Toxicology, 2011, 27, 217-225.	5.3	21
117	Vitamin D 3 regulates LAMP3 expression in monocyte derived dendritic cells. Cellular Immunology, 2017, 311, 13-21.	3.0	21
118	Immunohistochemical Expression of ABCB5 as a Potential Prognostic Factor in Uveal Melanoma. Applied Sciences (Switzerland), 2019, 9, 1316.	2.5	21
119	PACAP and NAP: Effect of Two Functionally Related Peptides in Diabetic Retinopathy. Journal of Molecular Neuroscience, 2021, 71, 1525-1535.	2.3	21
120	Raf kinase inhibitor protein (RKIP) and phospho-RKIP expression in melanomas. Acta Histochemica, 2013, 115, 795-802.	1.8	20
121	Oncofetal expression of Wilms' tumor 1 (WT1) protein in human fetal, adult and neoplastic skeletal muscle tissues. Acta Histochemica, 2015, 117, 492-504.	1.8	20
122	Neuroprotective Effects of Physical Activity via the Adaptation of Astrocytes. Cells, 2021, 10, 1542.	4.1	20
123	Protective effects of amylin on reserpine-induced gastric damage in the rat. Pharmacological Research, 2007, 56, 27-34.	7.1	19
124	Runx2 mediated Induction of Novel Targets ST2 and Runx3 Leads to Cooperative Regulation of Hypertrophic Differentiation in ATDC5 Chondrocytes. Scientific Reports, 2017, 7, 17947.	3.3	19
125	Nonalcoholic fatty liver disease (NAFLD) prevention: role of Mediterranean diet and physical activity. Hepatobiliary Surgery and Nutrition, 2019, 8, 167-169.	1.5	19
126	Tackling dipeptidyl peptidase IV in neurological disorders. Neural Regeneration Research, 2018, 13, 26.	3.0	19

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127	Exercise as medicine to be prescribed in osteoarthriti. World Journal of Orthopedics, 2019, 10, 262-267.	1.8	19
128	CXCL12/CXCR4 axis supports mitochondrial trafficking in tumor myeloma microenvironment. Oncogenesis, 2022, 11, 6.	4.9	19
129	Aquaporin 1 expression in human temporomandibular disc. Acta Histochemica, 2012, 114, 744-748.	1.8	18
130	Recently highlighted nutraceuticals for preventive management of osteoarthritis. World Journal of Orthopedics, 2018, 9, 255-261.	1.8	18
131	Brain CHID1 Expression Correlates with NRGN and CALB1 in Healthy Subjects and AD Patients. Cells, 2021, 10, 882.	4.1	18
132	Tumor Necrosis Factorâ∈Related Apoptosisâ∈Inducing Ligand (TRAIL) and Its Death Receptor (DR5) in Peyronie's Disease. A Biomolecular Study of Apoptosis Activation. Journal of Sexual Medicine, 2011, 8, 109-115.	0.6	17
133	Towards a better understanding of bone bridge formation in the growth plate – an immunohistochemical approach. Connective Tissue Research, 2013, 54, 408-415.	2.3	17
134	Importance of serotonin (5-HT) and its precursor l-tryptophan for homeostasis and function of skeletal muscle in rats. A morphological and endocrinological study. Acta Histochemica, 2015, 117, 267-274.	1.8	17
135	Current concepts in the treatment of cartilage damage. A review. Italian Journal of Anatomy and Embryology, 2013, 118, 189-203.	0.1	16
136	New perspectives in the treatment of cartilage damage. Poly(ethylene glycol) diacrylate (PEGDA) scaffold. A review. Italian Journal of Anatomy and Embryology, 2013, 118, 204-10.	0.1	16
137	ADAM-10 could mediate cleavage of N-cadherin promoting apoptosis in human atherosclerotic lesions leading to vulnerable plaque: A morphological and immunohistochemical study. Acta Histochemica, 2014, 116, 1148-1158.	1.8	15
138	Analysis of fibulin-3 after exposure to asbestos-like fibers. Environmental Research, 2017, 156, 381-387.	7.5	15
139	An Overview of the Pathogenesis and Treatment of Elbow Osteoarthritis. Journal of Functional Morphology and Kinesiology, 2019, 4, 30.	2.4	15
140	TMJ Dysfunction and Systemic Correlation. Journal of Functional Morphology and Kinesiology, 2020, 5, 20.	2.4	15
141	New Insights on Mechanical Stimulation of Mesenchymal Stem Cells for Cartilage Regeneration. Applied Sciences (Switzerland), 2020, 10, 2927.	2.5	15
142	Physical Activity for Health—An Overview and an Update of the Physical Activity Guidelines of the Italian Ministry of Health. Journal of Functional Morphology and Kinesiology, 2016, 1, 269-275.	2.4	14
143	Angiogenesis correlates with macrophage and mast cell infiltration in lung tissue of animals exposed to fluoro-edenite fibers. Experimental Cell Research, 2016, 346, 91-98.	2.6	14
144	SERPING1 mRNA overexpression in monocytes from HIV+ patients. Inflammation Research, 2017, 66, 1107-1116.	4.0	14

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145	Molecular Links Between Diabetes and Osteoarthritis: The Role of Physical Activity. Current Diabetes Reviews, 2016, 13, 50-58.	1.3	14
146	Expression and localization of aquaporinâ€1 in temporomandibular joint disc with internal derangement. Journal of Oral Pathology and Medicine, 2012, 41, 642-647.	2.7	13
147	Toll-like receptor 4 expression in the epithelium of inflammatory periapical lesions. An immunohistochemical study. European Journal of Histochemistry, 2015, 59, 2547.	1.5	13
148	A 300 μm Organotypic Bone Slice Culture Model for Temporal Investigation of Endochondral Osteogenesis. Tissue Engineering - Part C: Methods, 2019, 25, 197-212.	2.1	13
149	Influences of Blood Lactate Levels on Cognitive Domains and Physical Health during a Sports Stress. Brief Review. International Journal of Environmental Research and Public Health, 2020, 17, 9043.	2.6	13
150	Assessing the Anti-Inflammatory Activity of the Anxiolytic Drug Buspirone Using CRISPR-Cas9 Gene Editing in LPS-Stimulated BV-2 Microglial Cells. Cells, 2021, 10, 1312.	4.1	13
151	Early effects of high-fat diet, extra-virgin olive oil and vitamin D in a sedentary rat model of non-alcoholic fatty liver disease. Histology and Histopathology, 2018, 33, 1201-1213.	0.7	13
152	Bitumen products alter bax, bcl-2 and cytokeratin expression: An in vivo study of chronically exposed road pavers. Journal of Cutaneous Pathology, 2007, 34, 699-704.	1.3	12
153	Expression of $\hat{l}^2$ -defensin 4 on temporomandibular joint discs with anterior displacement without reduction. Journal of Cranio-Maxillo-Facial Surgery, 2013, 41, 821-825.	1.7	12
154	Liver and spleen transient elastography and Acoustic Radiation Force Impulse Measurements. Performance and comparison of measurements in the same area concurrently assessed for liver fibrosis by biopsy. Advances in Medical Sciences, 2015, 60, 300-306.	2.1	12
155	The "Journal of Functional Morphology and Kinesiologyâ€Journal Club Series: Utility and Advantages of the Eccentric Training through the Isoinertial System. Journal of Functional Morphology and Kinesiology, 2020, 5, 6.	2.4	12
156	Metformin Treatment Attenuates Brain Inflammation and Rescues PACAP/VIP Neuropeptide Alterations in Mice Fed a High-Fat Diet. International Journal of Molecular Sciences, 2021, 22, 13660.	4.1	12
157	PACAP and VIP Mitigate Rotenone-Induced Inflammation in BV-2 Microglial Cells. Journal of Molecular Neuroscience, 2022, 72, 2163-2175.	2.3	12
158	Prognostic implications of early and longâ€term bleeding events in patients on oneâ€year dual antiplatelet therapy following drugâ€eluting stent implantation. Catheterization and Cardiovascular Interventions, 2012, 80, 395-405.	1.7	11
159	Cyclin D1 in human neuroblastic tumors recapitulates its developmental expression: An immunohistochemical study. Acta Histochemica, 2015, 117, 415-424.	1.8	11
160	Concussion in Sports. Journal of Functional Morphology and Kinesiology, 2019, 4, 37.	2.4	11
161	Morphological Evidence of Telocytes in Skeletal Muscle Interstitium of Exercised and Sedentary Rodents. Biomedicines, 2021, 9, 807.	3.2	11
162	N-Cadherin, ADAM-10 and Aquaporin 1 expression in lung tissue exposed to fluoro-edenite fibers: an immunohistochemical study. Histology and Histopathology, 2015, 30, 987-99.	0.7	11

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163	Beta-catenin and survivin expression in keratocystic odontogenic tumor (KCOT). A comparative immunohistochemical study in primary, recurrent and nevoid basal cell carcinoma syndrome (NBCCS)-associated lesions. Histology and Histopathology, 2013, 28, 1175-84.	0.7	11
164	Possible role of apoptosis in the pathogenesis and clinical evolution of radicular cyst: an immunohistochemical study. International Endodontic Journal, 2013, 46, 642-648.	5.0	10
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