Stefano Squarzoni

List of Publications by Year in descending order

108 papers	3,898 citations	117453 34 h-index	149479 56 g-index
110 all docs	110 docs citations	110 times ranked	3541 citing authors

#	Article	IF	Citations
1	A new Ag-nanostructured hydroxyapatite porous scaffold: Antibacterial effect and cytotoxicity study. Materials Science and Engineering C, 2021, 118, 111394.	3.8	61
2	Antimicrobial Effect and Cytotoxic Evaluation of Mg-Doped Hydroxyapatite Functionalized with Au-Nano Rods. Molecules, 2021, 26, 1099.	1.7	20
3	Interleukinâ€6 neutralization ameliorates symptoms in prematurely aged mice. Aging Cell, 2021, 20, e13285.	3.0	34
4	Dual-Functional Nano-Functionalized Titanium Scaffolds to Inhibit Bacterial Growth and Enhance Osteointegration. Nanomaterials, 2021, 11, 2634.	1.9	14
5	Long term breeding of the Lmna G609G progeric mouse: Characterization of homozygous and heterozygous models. Experimental Gerontology, 2020, 130, 110784.	1.2	18
6	Emerin Phosphorylation during the Early Phase of the Oxidative Stress Response Influences Emerinâ€“BAF Interaction and BAF Nuclear Localization. Cells, 2020, 9, 1415.	1.8	9
7	Tendon Extracellular Matrix Remodeling and Defective Cell Polarization in the Presence of Collagen VI Mutations. Cells, 2020, 9, 409.	1.8	12
8	Lamin A involvement in ageing processes. Ageing Research Reviews, 2020, 62, 101073.	5.0	41
9	Altered adipocyte differentiation and unbalanced autophagy in type 2 Familial Partial Lipodystrophy: an in vitro and in vivo study of adipose tissue browning. Experimental and Molecular Medicine, 2019, 51, 1-17.	3.2	26
10	Report of a novel ATP7A mutation causing distal motor neuropathy. Neuromuscular Disorders, 2019, 29, 776-785.	0.3	15
11	Ultrastructural changes in muscle cells of patients with collagen VI-related myopathies. Muscles, Ligaments and Tendons Journal, 2019, 03, 281.	0.1	21
12	Collagen VIâ€“NG2 axis in human tendon fibroblasts under conditions mimicking injury response. Matrix Biology, 2016, 55, 90-105.	1.5	33
13	Barrier-to-Autointegration Factor (BAF) involvement in prelamin A-related chromatin organization changes. Oncotarget, 2016, 7, 15662-15677.	0.8	49
14	Modulation of TGFbeta 2 levels by lamin A in U2-OS osteoblast-like cells: understanding the osteolytic process triggered by altered lamins. Oncotarget, 2015, 6, 7424-7437.	0.8	25
15	Lamin A/C sustains PcG protein architecture, maintaining transcriptional repression at target genes. Journal of Cell Biology, 2015, 211, 533-551.	2.3	96
16	All-trans retinoic acid and rapamycin normalize Hutchinson Gilford progeria fibroblast phenotype. Oncotarget, 2015, 6, 29914-29928.	0.8	69
17	Honey flavonoids inhibit Candida albicans morphogenesis by affecting DNA behavior and mitochondrial function. Future Microbiology, 2014, 9, 445-456.	1.0	32
18	Effect of Mechanical Strain on the Collagen VI Pericellular Matrix in Anterior Cruciate Ligament Fibroblasts. Journal of Cellular Physiology, 2014, 229, 878-886.	2.0	13

#	Article	IF	Citations
19	Diverse lamin-dependent mechanisms interact to control chromatin dynamics. Nucleus, 2014, 5, 427-440.	0.6	93
20	Metal-on-metal hip prostheses: Correlation between debris in the synovial fluid and levels of cobalt and chromium ions in the bloodstream. International Orthopaedics, 2014, 38, 469-475.	0.9	31
21	Defective collagen VI Î±6 chain expression in the skeletal muscle of patients with collagen VI-related myopathies. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2014, 1842, 1604-1612.	1.8	27
22	Rapamycin treatment of Mandibuloacral Dysplasia cells rescues localization of chromatin-associated proteins and cell cycle dynamics. Aging, 2014, 6, 755-769.	1.4	30
23	Ceramic Debris in Hip Prosthesis: Correlation Between Synovial Fluid and Joint Capsule. Journal of Arthroplasty, 2013, 28, 838-841.	1.5	5
24	Ultrastructural changes in muscle cells of patients with collagen VI-related myopathies. Muscles, Ligaments and Tendons Journal, 2013, 3, 281-6.	0.1	9
25	Familial partial lipodystrophy, mandibuloacral dysplasia and restrictive dermopathy feature barrier-to-autointegration factor (BAF) nuclear redistribution. Cell Cycle, 2012, 11, 3568-3577.	1.3	31
26	Antisense-Induced Messenger Depletion Corrects a COL6A2 Dominant Mutation in Ullrich Myopathy. Human Gene Therapy, 2012, 23, 1313-1318.	1.4	25
27	Expression of collagen VI Î±5 and Î±6 chains in human muscle and in Duchenne muscular dystrophy-related muscle fibrosis. Matrix Biology, 2012, 31, 187-196.	1.5	73
28	Altered chromatin organization and SUN2 localization in mandibuloacral dysplasia are rescued by drug treatment. Histochemistry and Cell Biology, 2012, 138, 643-651.	0.8	27
29	Critical evaluation of the use of cell cultures for inclusion in clinical trials of patients affected by collagen VI myopathies. Journal of Cellular Physiology, 2012, 227, 2927-2935.	2.0	16
30	Synovial fluid microanalysis allows early diagnosis of ceramic hip prosthesis damage. Journal of Orthopaedic Research, 2012, 30, 1312-1320.	1.2	19
31	Muscular laminopathies: Role of prelamin A in early steps of muscle differentiation. Advances in Enzyme Regulation, 2011, 51, 246-256.	2.9	7
32	Differential and restricted expression of novel collagen VI chains in mouse. Matrix Biology, 2011, 30, 248-257.	1.5	55
33	P2.7 Collagen VI alpha5 and alpha6 chains expression in human muscle. Neuromuscular Disorders, 2011, 21, 662-663.	0.3	0
34	Autophagic degradation of farnesylated prelamin A as a therapeutic approach to lamin-linked progeria. European Journal of Histochemistry, 2011, 55, e36.	0.6	80
35	Expression of the Collagen VI Î±5 and Î±6 Chains in Normal Human Skin and in Skin of Patients with Collagen VI-Related Myopathies. Journal of Investigative Dermatology, 2011, 131, 99-107.	0.3	78
36	Prelamin A-mediated recruitment of SUN1 to the nuclear envelope directs nuclear positioning in human muscle. Cell Death and Differentiation, 2011, 18, 1305-1315.	5.0	72

#	Article	IF	Citations
37	Mineralization behavior with mesenchymal stromal cells in a biomimetic hyaluronic acid-based scaffold. Biomaterials, 2010, 31, 3986-3996.	5.7	50
38	Recessive COL6A2 C-globular Missense Mutations in Ullrich Congenital Muscular Dystrophy. Journal of Biological Chemistry, 2010, 285, 10005-10015.	1.6	22
39	Prelamin A processing and functional effects in restrictive dermopathy. Cell Cycle, 2010, 9, 4766-4768.	1.3	22
40	Lamin A precursor induces barrier-to-autointegration factor nuclear localization. Cell Cycle, 2010, 9, 2600-2610.	1.3	39
41	Mixing and matching in ceramic-on-metal hip arthroplasty: An in-vitro hip simulator study. Journal of Biomechanics, 2009, 42, 2439-2446.	0.9	32
42	EM.P.4.07 Autosomal recessive Bethlem myopathy. Neuromuscular Disorders, 2009, 19, 608-609.	0.3	0
43	Emerinâ€"prelamin A interplay in human fibroblasts. Biology of the Cell, 2009, 101, 541-554.	0.7	21
44	Effects of prelamin A processing inhibitors on the differentiation and activity of human osteoclasts. Journal of Cellular Biochemistry, 2008, 105, 34-40.	1.2	21
45	Drugs affecting prelamin A processing: Effects on heterochromatin organization. Experimental Cell Research, 2008, 314, 453-462.	1.2	45
46	Prelamin A is involved in early steps of muscle differentiation. Experimental Cell Research, 2008, 314, 3628-3637.	1.2	35
47	Autosomal recessive myosclerosis myopathy is a collagen VI disorder. Neurology, 2008, 71, 1245-1253.	1.5	112
48	Preâ€Łamin A processing is linked to heterochromatin organization. Journal of Cellular Biochemistry, 2007, 102, 1149-1159.	1.2	71
49	The effect of gentamicin sulphate on the fracture properties of a manually mixed bone cement. Fatigue and Fracture of Engineering Materials and Structures, 2007, 30, 479-488.	1.7	4
50	Prelamin A processing and heterochromatin dynamics in laminopathies. Advances in Enzyme Regulation, 2007, 47, 154-167.	2.9	7
51	Mitochondrial Pathogenesis of Myopathies Due to Collagen VI Mutations. , 2007, , 133-144.		0
52	A Case Report of Fracture of Ceramic Head in Total Hip Arthroplasty: Histological and Biochemical Features of Perimplant Tissues. International Journal of Artificial Organs, 2006, 29, 800-808.	0.7	8
53	Laminopathies: A chromatin affair. Advances in Enzyme Regulation, 2006, 46, 33-49.	2.9	34
54	Ultrastructural defects of collagen VI filaments in an Ullrich syndrome patient with loss of the Î±3(VI) N10-N7 domains. Journal of Cellular Physiology, 2006, 206, 160-166.	2.0	21

#	Article	IF	Citations
55	Early Diagnosis of Ceramic Liner Fracture. Journal of Bone and Joint Surgery - Series A, 2006, 88, 55-63.	1.4	168
56	Determination of Crystallinity and Crystal Structure of Hylamerâ„¢ Polyethylene after in vivo Wear. Journal of Biomaterials Applications, 2006, 21, 131-145.	1.2	18
57	EARLY DIAGNOSIS OF CERAMIC LINER FRACTURE. Journal of Bone and Joint Surgery - Series A, 2006, 88, 55-63.	1.4	22
58	Nuclear envelope proteins and chromatin arrangement: a pathogenic mechanism for laminopathies. European Journal of Histochemistry, 2006, 50, 1-8.	0.6	31
59	Implications for nuclear organization and gene transcription of lamin A/C specific mutations. Advances in Enzyme Regulation, 2005, 45, 1-16.	2.9	4
60	Laminopathies: Involvement of structural nuclear proteins in the pathogenesis of an increasing number of human diseases. Journal of Cellular Physiology, 2005, 203, 319-327.	2.0	34
61	Dominant and recessive COL6A1 mutations in Ullrich scleroatonic muscular dystrophy. Annals of Neurology, 2005, 58, 400-410.	2.8	72
62	Rescue of heterochromatin organization in Hutchinson-Gilford progeria by drug treatment. Cellular and Molecular Life Sciences, 2005, 62, 2669-2678.	2.4	139
63	Emerin increase in regenerating muscle fibers. European Journal of Histochemistry, 2005, 49, 355.	0.6	8
64	Altered pre-lamin A processing is a common mechanism leading to lipodystrophy. Human Molecular Genetics, 2005, 14, 1489-1502.	1.4	203
65	Isolation and Characterization of Wear Debris Generated in Patients Wearing Polyethylene Hylamer Inserts, Gamma Irradiated in Air. Journal of Biomaterials Applications, 2005, 20, 103-121.	1.2	11
66	Lamin A N-terminal phosphorylation is associated with myoblast activation: impairment in Emery-Dreifuss muscular dystrophy. Journal of Medical Genetics, 2005, 42, 214-220.	1.5	52
67	New roles for lamins, nuclear envelope proteins and actin in the nucleus. Advances in Enzyme Regulation, 2004, 44, 155-172.	2.9	12
68	A new method for isolation of polyethylene wear debris from tissue and synovial fluid. Biomaterials, 2004, 25, 5531-5537.	5.7	35
69	At the nucleus of the problem: nuclear proteins and disease. Advances in Enzyme Regulation, 2003, 43, 411-443.	2.9	5
70	Association of emerin with nuclear and cytoplasmic actin is regulated in differentiating myoblasts. Biochemical and Biophysical Research Communications, 2003, 303, 764-770.	1.0	75
71	Failure of lamin A/C to functionally assemble in R482L mutated familial partial lipodystrophy fibroblasts: altered intermolecular interaction with emerin and implications for gene transcription. Experimental Cell Research, 2003, 291, 122-134.	1.2	77
72	Extracellular matrix and nuclear abnormalities in skeletal muscle of a patient with Walkerâ€“Warburg syndrome caused by POMT1 mutation. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2003, 1638, 57-62.	1.8	36

#	Article	IF	Citations
73	Dysferlin in a hyperCKaemic patient with caveolin 3 mutation and in C2C12 cells after p38 MAP kinase inhibition. Experimental and Molecular Medicine, 2003, 35, 538-544.	3.2	36
74	Immunocytochemistry of nuclear domains and Emery-Dreifuss muscular dystrophy pathophysiology. European Journal of Histochemistry, 2003, 47, 3.	0.6	9
75	Effects on Collagen VI mRNA Stability and Microfibrillar Assembly of Three COL6A2Mutations in Two Families with Ullrich Congenital Muscular Dystrophy. Journal of Biological Chemistry, 2002, 277, 43557-43564.	1.6	61
76	Functional domains of the nucleus: implications for Emeryâ€“Dreifuss muscular dystrophy. Neuromuscular Disorders, 2002, 12, 815-823.	0.3	22
77	Emeryâ€“dreifuss muscular dystrophy, nuclear cell signaling and chromatin remodeling. Advances in Enzyme Regulation, 2002, 42, 1-18.	2.9	13
78	Collagen VI deficiency affects the organization of fibronectin in the extracellular matrix of cultured fibroblasts. Matrix Biology, 2001, 20, 475-486.	1.5	115
79	Staurosporine treatment and serum starvation promote the cleavage of emerin in cultured mouse myoblasts: involvement of a caspase-dependent mechanism. FEBS Letters, 2001, 509, 423-429.	1.3	22
80	Nuclear alterations in autosomal-dominant Emery-Dreifuss muscular dystrophy. Muscle and Nerve, 2001, 24, 826-829.	1.0	80
81	Severe wear from retrieved alumina-on-alumina coupled implant: a case report. International Journal of Artificial Organs, 2001, 24, 655-62.	0.7	0
82	Emerin expression at the early stages of myogenic differentiation. Differentiation, 2000, 66, 208-217.	1.0	18
83	Emerin presence in platelets. Acta Neuropathologica, 2000, 100, 291-298.	3.9	12
84	Unusual Laminin Î±2 Processing in Myoblasts from a Patient with a Novel Variant of Congenital Muscular Dystrophy. Biochemical and Biophysical Research Communications, 2000, 277, 639-642.	1.0	12
85	Emerin expression at the early stages of myogenic differentiation. Differentiation, 2000, 66, 208-217.	1.0	30
86	Nuclear changes in a case of X-linked Emery-Dreifuss muscular dystrophy. , 1999, 22, 864-869.		92
87	[12] Chromosome spread for confocal microscopy. Methods in Enzymology, 1999, 307, 190-207.	0.4	1
88	Experimental colitis increases small intestine permeability in the rat. Laboratory Investigation, 1999, 79, 49-57.	1.7	18
89	Oral exfoliative cytology for the non-invasive diagnosis in X-linked Emeryâ€“Dreifuss muscular dystrophy patients and carriers. Neuromuscular Disorders, 1998, 8, 67-71.	0.3	43
90	Immunocytochemical detection of emerin within the nuclear matrix. Neuromuscular Disorders, 1998, 8, 338-344.	0.3	44

#	Article	IF	Citations
91	Increase of Neuronal Nitric Oxide Synthase in Rat Skeletal Muscle during Ageing. Biochemical and Biophysical Research Communications, 1998, 245, 216-219.	1.0	40
92	Chronic viral hepatitis and interferon treatment: clinical experience in a series of 200 Italian patients. Journal of Chemotherapy, 1998, 10, 173-175.	0.7	0
93	Heart-specific localization of emerin: new insights into Emery-Dreifuss muscular dystrophy. Human Molecular Genetics, 1997, 6, 2257-2264.	1.4	138
94	Intracellular detection of laminin Î±2 chain in skin by electron microscopy immunocytochemistry: Comparison between normal and laminin Î±2 chain deficient subjects. Neuromuscular Disorders, 1997, 7, 91-98.	0.3	12
95	Localization of the laminin Î±2 chain in normal human skeletal muscle and peripheral nerve: an ultrastructural immunolabeling study. Acta Neuropathologica, 1997, 93, 166-172.	3.9	9
96	Localization of laminin Î±2 chain in normal human central nervous system: an immunofluorescence and ultrastructural study. Acta Neuropathologica, 1997, 94, 567-571.	3.9	38
97	Wear in carbon fiber-reinforced polyethylene (poly-two) knee prostheses. La Chirurgia Degli Organi Di Movimento, 1996, 81, 263-7.	0.2	17
98	Nuclear matrix involvement in sperm head structural organization. Biology of the Cell, 1994, 81, 47-57.	0.7	8
99	Preparation of chromosome spreads for electron (TEM, SEM, STEM), light and confocal microscopy. Chromosoma, 1994, 103, 381-392.	1.0	19
100	Morphometric and microanalytical analyses of alumina wear particles in hip prostheses. Biomaterials, 1993, 14, 583-587.	5.7	23
101	Localization of dystrophin COOH-terminal domain by the fracture-label technique.. Journal of Cell Biology, 1992, 118, 1401-1409.	2.3	17
102	Intranuclear localization of phospholipids by ultrastructural cytochemistry.. Journal of Histochemistry and Cytochemistry, 1992, 40, 1383-1392.	1.3	38
103	Morphological evidence of function-related localization of phospholipids in the cell nucleus. Advances in Enzyme Regulation, 1992, 32, 73-90.	2.9	19
104	Considerations on ceramic prosthesis explants. La Chirurgia Degli Organi Di Movimento, 1992, 77, 359-71.	0.2	1
105	Image analysis techniques. The problem of the quantitative evaluation of thechromatin ultrastructure. Cytotechnology, 1991, 5, 107-110.	0.7	0
106	Image analysis of the chromatin organization in the nuclear domains of freeze fractured hepatocytes and lymphocytes. Biology of the Cell, 1990, 70, 107-119.	0.7	8
107	Reduction of background labeling in colloidal gold-enzyme reactions. Histochemistry, 1990, 94, 297-301.	1.9	4
108	Morphometric Study of Chromatin Pattern in Freeze-Fractured Rat Liver Nuclei during Malignancy Evolution. Pathology Research and Practice, 1989, 185, 769-773.	1.0	3