

# Pietro Gobbi

## List of Publications by Year in descending order

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74  
papers

1,955  
citations

236912

25  
h-index

276858

41  
g-index

74  
all docs

74  
docs citations

74  
times ranked

2335  
citing authors

#	ARTICLE	IF	CITATIONS
1	Evidence for redifferentiation of human chondrocytes grown on a hyaluronan-based biomaterial (HYAFF <sup>®</sup> 11): molecular, immunohistochemical and ultrastructural analysis. <i>Biomaterials</i> , 2002, 23, 1187-1195.	11.4	268
2	Cellular and subcellular localization of Na <sup>+</sup> -Ca <sup>2+</sup> exchanger protein isoforms, NCX1, NCX2, and NCX3 in cerebral cortex and hippocampus of adult rat. <i>Cell Calcium</i> , 2007, 41, 221-234.	2.4	127
3	Immunohistochemical identification of MMP <sup>®</sup> 2 and MMP <sup>®</sup> 9 in human dentin: Correlative FEI <sup>®</sup> SEM/TEM analysis. <i>Journal of Biomedical Materials Research - Part A</i> , 2009, 88A, 697-703.	4.0	111
4	Immunohistochemical and biochemical assay of MMP-3 in human dentine. <i>Journal of Dentistry</i> , 2011, 39, 231-237.	4.1	76
5	Nuclear pores in the apoptotic cell. <i>The Histochemical Journal</i> , 1994, 26, 754-763.	0.6	56
6	The behaviour of nuclear domains in the course of apoptosis. <i>Histochemistry</i> , 1994, 102, 221-231.	1.9	56
7	MMP-2 assay within the hybrid layer created by a two-step etch-and-rinse adhesive: Biochemical and immunohistochemical analysis. <i>Journal of Dentistry</i> , 2011, 39, 470-477.	4.1	55
8	IMP dehydrogenase inhibitor, tiazofurin, induces apoptosis in K562 human erythroleukemia cells. , 1997, 30, 61-66.		51
9	Human articular chondrocytes immortalized by HPV-16 E6 and E7 genes:. <i>Osteoarthritis and Cartilage</i> , 2002, 10, 879-889.	1.3	50
10	Mitochondrial localization of Na <sup>+</sup> /Ca <sup>2+</sup> exchangers NCX1 <sup>®</sup> 3 in neurons and astrocytes of adult rat brain in situ. <i>Pharmacological Research</i> , 2007, 56, 556-565.	7.1	50
11	Rhodiola rosea as antioxidant in red blood cells: ultrastructural and hemolytic behaviour. <i>European Journal of Histochemistry</i> , 2005, 49, 243-54.	1.5	50
12	Evaluation of leukocyte stabilisation in TransFix <sup>®</sup> -treated blood samples by flow cytometry and transmission electron microscopy. <i>Journal of Immunological Methods</i> , 2004, 295, 67-78.	1.4	49
13	High resolution SEM evaluation of dentin etched with maleic and citric acid. <i>Dental Materials</i> , 2002, 18, 26-35.	3.5	48
14	A review of the nature, role, and function of dentin non <sup>®</sup> collagenous proteins. Part II: enzymes, serum proteins, and growth factors. <i>Endodontic Topics</i> , 2009, 21, 19-40.	0.5	37
15	C2C12 myoblast sensitivity to different apoptotic chemical triggers. <i>Micron</i> , 2010, 41, 966-973.	2.2	37
16	Dentin proteoglycans: An immunocytochemical FEISEM study. <i>Journal of Biomedical Materials Research Part B</i> , 2002, 61, 40-46.	3.1	36
17	Heat-induced stabilization of the nuclear matrix: A morphological and biochemical analysis in murine erythroleukemia cells. <i>Experimental Cell Research</i> , 1991, 196, 216-225.	2.6	34
18	Silver <sup>®</sup> polysaccharide antimicrobial nanocomposite coating for methacrylic surfaces reduces <i>Streptococcus mutans</i> biofilm formation in vitro. <i>Journal of Dentistry</i> , 2015, 43, 1483-1490.	4.1	33

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19	Co-distribution of cysteine cathepsins and matrix metalloproteases in human dentin. Archives of Oral Biology, 2017, 74, 101-107.	1.8	33
20	Immunocytochemical analysis of dentin: A double-labeling technique. Journal of Biomedical Materials Research Part B, 2003, 67A, 11-17.	3.1	32
21	Immunocytochemical identification of type I collagen in acid-etched dentin. Journal of Biomedical Materials Research - Part A, 2003, 66A, 764-769.	4.0	32
22	Nuclear phospholipase C $\hat{2}$ 1 signaling, epigenetics and treatments in MDS. Advances in Biological Regulation, 2013, 53, 2-7.	2.3	32
23	Nanoparticle-Biological Interactions in a Marine Benthic Foraminifer. Scientific Reports, 2019, 9, 19441.	3.3	31
24	Collagen fibril surface: TMAFM, FEG-SEM and freeze-etching observations. , 1996, 35, 87-93.		30
25	Immunohistochemical analysis of collagen fibrils within the hybrid layer: a FESEM study. Operative Dentistry, 2004, 29, 538-46.	1.2	30
26	Ocular mucous membrane pemphigoid: a review. Immunologic Research, 2019, 67, 280-289.	2.9	29
27	Ultrastructural features of apoptosis. Scanning Microscopy, 1994, 8, 653-65; discussion 665-6.	0.3	26
28	Radiological evidence of anatomical variation of the inferior vena cava: Report of two cases. Surgical and Radiologic Anatomy, 2004, 26, 153-156.	1.2	24
29	Benthic foraminiferal ultrastructural alteration induced by heavy metals. Marine Micropaleontology, 2018, 138, 83-89.	1.2	23
30	HIGH-INTENSITY EXERCISE TRAINING INDUCES MORPHOLOGICAL AND BIOCHEMICAL CHANGES IN SKELETAL MUSCLES. Biology of Sport, 2013, 30, 301-309.	3.2	23
31	Morphological analysis of the seeds of three pseudocereals by using light microscopy and ESEM-EDS. European Journal of Histochemistry, 2020, 64, .	1.5	19
32	Different patterns of collagen-proteoglycan interaction: a scanning electron microscopy and atomic force microscopy study. European Journal of Histochemistry, 2000, 44, 335-43.	1.5	18
33	Field emission in-lens SEM study of enamel and dentin. Journal of Biomedical Materials Research Part B, 1999, 46, 315-323.	3.1	17
34	Mercury-Pollution Induction of Intracellular Lipid Accumulation and Lysosomal Compartment Amplification in the Benthic Foraminifer Ammonia parkinsoniana. PLoS ONE, 2016, 11, e0162401.	2.5	17
35	Morphometric and functional study of apoptotic cell chromatin. Cell Death and Differentiation, 1996, 3, 397-405.	11.2	17
36	Nuclear morphology during the S phase. , 1998, 40, 418-431.		16

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37	Maternal dietary loads of alpha-tocopherol increase synapse density and glial synaptic coverage in the hippocampus of adult offspring. <i>European Journal of Histochemistry</i> , 2014, 58, 2355.	1.5	16
38	Environmental nanoparticles are significantly over-expressed in acute myeloid leukemia. <i>Leukemia Research</i> , 2016, 50, 50-56.	0.8	16
39	Effect of carbodiimide on thermal denaturation temperature of dentin collagen. <i>Dental Materials</i> , 2016, 32, 492-498.	3.5	16
40	Ultrastructural Aspects of the DNA Polymerase $\hat{\pm}$ Distribution During the Cell Cycle. <i>Journal of Histochemistry and Cytochemistry</i> , 1998, 46, 1435-1442.	2.5	14
41	Effect of Fixative on Chromatin Structure and DNA Detection. <i>Microscopy Research and Technique</i> , 2007, 70, 599-606.	2.2	14
42	Three-Dimensional Virtual Anatomy as a New Approach for Medical Student's Learning. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 13247.	2.6	14
43	Lineage-related susceptibility of human hemopoietic cell lines to apoptosis. , 1999, 254, 1-6.		13
44	Scanning electron microscopic detection of nuclear structures involved in DNA replication.. <i>Archives of Histology and Cytology</i> , 1999, 62, 317-326.	0.2	13
45	The Italian law on body donation: A position paper of the Italian College of Anatomists. <i>Annals of Anatomy</i> , 2021, 238, 151761.	1.9	13
46	A combined ultrastructural approach to the study of nuclear matrix thermal stabilization. <i>Histochemistry</i> , 1992, 98, 121-129.	1.9	12
47	A multiple technical approach to the study of apoptotic cell micronuclei. <i>Scanning</i> , 1998, 20, 541-548.	1.5	12
48	Novel insights into pericarp, protein body globoids of aleurone layer, starchy granules of three cereals gained using atomic force microscopy and environmental scanning electronic microscopy. <i>European Journal of Histochemistry</i> , 2018, 62, 2869.	1.5	12
49	Morphological study of resin-dentin bonding with TEM and in-lens FESEM. <i>American Journal of Dentistry</i> , 2003, 16, 267-74.	0.1	12
50	Three-dimensional apoptotic nuclear behavior analyzed by means of Field Emission in Lens Scanning Electron Microscope. <i>European Journal of Histochemistry</i> , 2015, 59, 2539.	1.5	11
51	Age related changes seen in human cornea in formalin fixed sections and on biomicroscopy in living subjects: A comparison. <i>Clinical Anatomy</i> , 2020, 33, 245-256.	2.7	10
52	Biochemical and immunohistochemical identification of MMP-7 in human dentin. <i>Journal of Dentistry</i> , 2018, 79, 90-95.	4.1	9
53	Anti-BrdUrd labeling of newly synthesized DNA in HL-60 cells triggered to apoptosis. , 1996, 25, 324-332.		8
54	Correlative high-resolution morphologic analysis of the three-dimensional organization of human chromosomes. <i>Scanning</i> , 2000, 22, 273-281.	1.5	8

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55	Growth Factors, Their Receptor Expression and Markers for Proliferation of Endothelial and Neoplastic Cells in Human Osteosarcoma. <i>International Journal of Immunopathology and Pharmacology</i> , 2013, 26, 621-632.	2.1	8
56	Histochemical and ultrastructural study of the human pineal gland in the course of aging. <i>Journal of Submicroscopic Cytology and Pathology</i> , 1989, 21, 571-8.	0.3	8
57	How Inflammation Pathways Contribute to Cell Death in Neuro-Muscular Disorders. <i>Biomolecules</i> , 2021, 11, 1109.	4.0	7
58	Membrane modifications in the course of hepatocyte isolation. <i>Cytotechnology</i> , 1990, 4, 251-259.	1.6	6
59	Further considerations on the thermal stabilization of the nuclear matrix in mouse erythroleukemia cells. <i>Cell Biology International Reports</i> , 1992, 16, 307-317.	0.6	6
60	A morphological study of membrane lesions during natural killer-mediated lysis. <i>Journal of Submicroscopic Cytology and Pathology</i> , 1990, 22, 191-202.	0.3	5
61	Biochemical and immunohistochemical analysis of tissue inhibitor of metalloproteinases-1 in human sound dentin. <i>Clinical Oral Investigations</i> , 2021, 25, 5067-5075.	3.0	3
62	Dually Cross-Linked Core-Shell Structure Nanohydrogel with Redox-Responsive Degradability for Intracellular Delivery. <i>Pharmaceutics</i> , 2021, 13, 2048.	4.5	3
63	Chondroptotic chondrocytes in the loaded area of chondrocalcinotic cartilage: A clinical proposal?. <i>Clinical Anatomy</i> , 2018, 31, 1188-1192.	2.7	2
64	Keratoconus: the possible involvement of inflammatory cytokines in its pathogenesis. An experimental study and review of the literature. <i>European Review for Medical and Pharmacological Sciences</i> , 2021, 25, 4478-4489.	0.7	2
65	<title>Combined SEM (secondary electrons, backscatter, cathodoluminescence) and atomic force microscope investigation of fracture surfaces in Martian meteorite ALH84001: preliminary results</title>. , 1998, , .		1
66	Evaluation of the F2000 bonding procedure: a high resolution SEM study. <i>Journal of Dentistry</i> , 2001, 29, 499-507.	4.1	1
67	Effect of dentinal pretreatments on coronal dentin primary carious lesions: a field emission SEM study. <i>Clinical Oral Investigations</i> , 2003, 7, 140-147.	3.0	1
68	High-Resolution Analysis of the 3D Organization of Human Metaphase Chromosomes. , 2004, 242, 245-254.		1
69	Dentin proteoglycans: An immunocytochemical FEISEM study. <i>Journal of Biomedical Materials Research Part B</i> , 2002, 61, 40-46.	3.1	1
70	A morphological analysis of fresh and brine-cured olives attacked by <em>Bactrocera oleae</em> using light microscopy and ESEM-EDS. <i>European Journal of Histochemistry</i> , 2020, 64, .	1.5	1
71	A morphological analysis of fresh and brine-cured olives attacked by <em>Bactrocera oleae</em> using light microscopy and ESEM-EDS. <i>European Journal of Histochemistry</i> , 2020, 64, .	1.5	1
72	Brain gliomas and growth factors: immunohistochemical, immunofluorescence, flow cytometry and RT-PCR profile in pediatric age. <i>Journal of Biological Regulators and Homeostatic Agents</i> , 2019, 33, 1451-1463.	0.7	1

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73	Melatonin role in skeletal muscle disorders. European Review for Medical and Pharmacological Sciences, 2021, 25, 1024-1033.	0.7	1
74	Environmental Nanoparticles Are Significantly over-Expressed in Acute Myeloid Leukemia: a Novel Pathogenetic Cofactor?. Blood, 2015, 126, 4965-4965.	1.4	0