

Francesca Diomede

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2578831/publications.pdf>

Version: 2024-02-01

86
papers

3,422
citations

109321

35
h-index

161849

54
g-index

86
all docs

86
docs citations

86
times ranked

3543
citing authors

#	ARTICLE	IF	CITATIONS
1	Functional Relationship between Osteogenesis and Angiogenesis in Tissue Regeneration. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3242.	4.1	210
2	Three-dimensional printed PLA scaffold and human gingival stem cell-derived extracellular vesicles: a new tool for bone defect repair. <i>Stem Cell Research and Therapy</i> , 2018, 9, 104.	5.5	196
3	Epithelial-Mesenchymal Transition (EMT): The Type-2 EMT in Wound Healing, Tissue Regeneration and Organ Fibrosis. <i>Cells</i> , 2021, 10, 1587.	4.1	146
4	Alternative source of stem cells derived from human periodontal ligament: a new treatment for experimental autoimmune encephalomyelitis. <i>Stem Cell Research and Therapy</i> , 2016, 7, 1.	5.5	144
5	Periodontal Ligament Stem Cells: Current Knowledge and Future Perspectives. <i>Stem Cells and Development</i> , 2019, 28, 995-1003.	2.1	131
6	Engineered Extracellular Vesicles From Human Periodontal-Ligament Stem Cells Increase VEGF/VEGFR2 Expression During Bone Regeneration. <i>Frontiers in Physiology</i> , 2019, 10, 512.	2.8	98
7	The secretome of periodontal ligament stem cells from MS patients protects against EAE. <i>Scientific Reports</i> , 2016, 6, 38743.	3.3	97
8	Human Oral Stem Cells, Biomaterials and Extracellular Vesicles: A Promising Tool in Bone Tissue Repair. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4987.	4.1	90
9	Human Periodontal Stem Cells Release Specialized Proresolving Mediators and Carry Immunomodulatory and Prohealing Properties Regulated by Lipoxins. <i>Stem Cells Translational Medicine</i> , 2016, 5, 20-32.	3.3	82
10	A novel role in skeletal segment regeneration of extracellular vesicles released from periodontal-ligament stem cells. <i>International Journal of Nanomedicine</i> , 2018, Volume 13, 3805-3825.	6.7	77
11	Curcumin/Liposome Nanotechnology as Delivery Platform for Anti-inflammatory Activities via NFkB/ERK/pERK Pathway in Human Dental Pulp Treated With 2-HydroxyEthyl MethAcrylate (HEMA). <i>Frontiers in Physiology</i> , 2019, 10, 633.	2.8	76
12	MyD88/ERK/NFkB pathways and pro-inflammatory cytokines release in periodontal ligament stem cells stimulated by <i>Porphyromonas gingivalis</i> . <i>European Journal of Histochemistry</i> , 2017, 61, 2791.	1.5	75
13	Biotherapeutic Effect of Gingival Stem Cells Conditioned Medium in Bone Tissue Restoration. <i>International Journal of Molecular Sciences</i> , 2018, 19, 329.	4.1	74
14	3D Printing PLA/Gingival Stem Cells/ EVs Upregulate miR-2861 and -210 during Osteoangiogenesis Commitment. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3256.	4.1	74
15	Cannabidiol Modulates the Expression of Alzheimer's Disease-Related Genes in Mesenchymal Stem Cells. <i>International Journal of Molecular Sciences</i> , 2017, 18, 26.	4.1	72
16	Anti-inflammatory effects of hypoxia-preconditioned human periodontal ligament cell secretome in an experimental model of multiple sclerosis: a key role of IL-37. <i>FASEB Journal</i> , 2017, 31, 5592-5608.	0.5	68
17	Biofunctionalized Scaffold in Bone Tissue Repair. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1022.	4.1	65
18	Cannabidiol Modulates the Immunophenotype and Inhibits the Activation of the Inflammasome in Human Gingival Mesenchymal Stem Cells. <i>Frontiers in Physiology</i> , 2016, 7, 559.	2.8	59

#	ARTICLE	IF	CITATIONS
19	Stemness Maintenance Properties in Human Oral Stem Cells after Long-Term Passage. <i>Stem Cells International</i> , 2017, 2017, 1-14.	2.5	58
20	Conditioned medium of periodontal ligament mesenchymal stem cells exert anti-inflammatory effects in lipopolysaccharide-activated mouse motoneurons. <i>Experimental Cell Research</i> , 2016, 349, 152-161.	2.6	55
21	Laser photobiomodulation in pressure ulcer healing of human diabetic patients: gene expression analysis of inflammatory biochemical markers. <i>Lasers in Medical Science</i> , 2018, 33, 165-171.	2.1	55
22	Human gingival mesenchymal stem cells pretreated with vesicular moringin nanostructures as a new therapeutic approach in a mouse model of spinal cord injury. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2019, 13, 1109-1121.	2.7	55
23	Oral Bone Tissue Regeneration: Mesenchymal Stem Cells, Secretome, and Biomaterials. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5236.	4.1	55
24	Human periodontal ligament stem cells secretome from multiple sclerosis patients suppresses NALP3 inflammasome activation in experimental autoimmune encephalomyelitis. <i>International Journal of Immunopathology and Pharmacology</i> , 2017, 30, 238-252.	2.1	54
25	MicroRNA 210 Mediates VEGF Upregulation in Human Periodontal Ligament Stem Cells Cultured on 3D Hydroxyapatite Ceramic Scaffold. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3916.	4.1	51
26	Extracellular Vesicles Derived from Human Gingival Mesenchymal Stem Cells: A Transcriptomic Analysis. <i>Genes</i> , 2020, 11, 118.	2.4	49
27	Conditioned medium from relapsing-remitting multiple sclerosis patients reduces the expression and release of inflammatory cytokines induced by LPS-gingivalis in THP-1 and MO3.13 cell lines. <i>Cytokine</i> , 2017, 96, 261-272.	3.2	47
28	Transcriptomic analysis of gingival mesenchymal stem cells cultured on 3D bioprinted scaffold: A promising strategy for neuroregeneration. <i>Journal of Biomedical Materials Research - Part A</i> , 2018, 106, 126-137.	4.0	47
29	<i>Porphyromonas gingivalis</i> lipopolysaccharide stimulation in human periodontal ligament stem cells: role of epigenetic modifications to the inflammation. <i>European Journal of Histochemistry</i> , 2017, 61, 2826.	1.5	46
30	5-Aza Exposure Improves Reprogramming Process Through Embryoid Body Formation in Human Gingival Stem Cells. <i>Frontiers in Genetics</i> , 2018, 9, 419.	2.3	46
31	Evaluation of the Proliferative Effects Induced by Low-Level Laser Therapy in Bone Marrow Stem Cell Culture. <i>Photomedicine and Laser Surgery</i> , 2015, 33, 610-616.	2.0	44
32	Assessment of an Efficient Xeno-Free Culture System of Human Periodontal Ligament Stem Cells. <i>Tissue Engineering - Part C: Methods</i> , 2015, 21, 52-64.	2.1	43
33	Gingival Stromal Cells as an In Vitro Model: Cannabidiol Modulates Genes Linked With Amyotrophic Lateral Sclerosis. <i>Journal of Cellular Biochemistry</i> , 2017, 118, 819-828.	2.6	43
34	Endothelial committed oral stem cells as modelling in the relationship between periodontal and cardiovascular disease. <i>Journal of Cellular Physiology</i> , 2018, 233, 6734-6747.	4.1	43
35	Nuclear translocation of PKC ζ isoenzyme is involved in neurogenic commitment of human neural crest-derived periodontal ligament stem cells. <i>Cellular Signalling</i> , 2016, 28, 1631-1641.	3.6	40
36	Conditioned medium from human gingival mesenchymal stem cells protects motor-neuron-like NSC-34 cells against scratch-injury-induced cell death. <i>International Journal of Immunopathology and Pharmacology</i> , 2017, 30, 383-394.	2.1	36

#	ARTICLE	IF	CITATIONS
37	A Novel Role of Ascorbic Acid in Anti-Inflammatory Pathway and ROS Generation in HEMA Treated Dental Pulp Stem Cells. <i>Materials</i> , 2020, 13, 130.	2.9	36
38	Diameters and Fluorescence Calibration for Extracellular Vesicle Analyses by Flow Cytometry. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7885.	4.1	35
39	Effect of short peptides on neuronal differentiation of stem cells. <i>International Journal of Immunopathology and Pharmacology</i> , 2019, 33, 205873841982861.	2.1	33
40	Ascorbic Acid: A New Player of Epigenetic Regulation in LPS-gingivalis Treated Human Periodontal Ligament Stem Cells. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-13.	4.0	32
41	Treatment of Periodontal Ligament Stem Cells with MOR and CBD Promotes Cell Survival and Neuronal Differentiation via the PI3K/Akt/mTOR Pathway. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2341.	4.1	29
42	Moringin Induces Neural Differentiation in the Stem Cell of the Human Periodontal Ligament. <i>Scientific Reports</i> , 2018, 8, 9153.	3.3	27
43	Enhanced VEGF/VEGF-R and RUNX2 Expression in Human Periodontal Ligament Stem Cells Cultured on Sandblasted/Etched Titanium Disk. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 315.	3.7	27
44	Comparative Study of the Physiotherapeutic and Drug Protocol and Low-Level Laser Irradiation in the Treatment of Pain Associated with Temporomandibular Dysfunction. <i>Photomedicine and Laser Surgery</i> , 2016, 34, 652-656.	2.0	26
45	Short ELF-EMF Exposure Targets SIRT1/Nrf2/HO-1 Signaling in THP-1 Cells. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7284.	4.1	25
46	VEGF/VEGF-R/RUNX2 Upregulation in Human Periodontal Ligament Stem Cells Seeded on Dual Acid Etched Titanium Disk. <i>Materials</i> , 2020, 13, 706.	2.9	25
47	Cannabidiol Activates Neuronal Precursor Genes in Human Gingival Mesenchymal Stromal Cells. <i>Journal of Cellular Biochemistry</i> , 2017, 118, 1531-1546.	2.6	22
48	Moringin Pretreatment Inhibits the Expression of Genes Involved in Mitophagy in the Stem Cell of the Human Periodontal Ligament. <i>Molecules</i> , 2019, 24, 3217.	3.8	20
49	Role of Cortico-Cancellous Heterologous Bone in Human Periodontal Ligament Stem Cell Xeno-Free Culture Studied by Synchrotron Radiation Phase-Contrast Microtomography. <i>International Journal of Molecular Sciences</i> , 2017, 18, 364.	4.1	19
50	Stemness Characteristics of Periodontal Ligament Stem Cells from Donors and Multiple Sclerosis Patients: A Comparative Study. <i>Stem Cells International</i> , 2017, 2017, 1-14.	2.5	19
51	Transcriptomic Analysis of Stem Cells Treated with Moringin or Cannabidiol: Analogies and Differences in Inflammation Pathways. <i>International Journal of Molecular Sciences</i> , 2019, 20, 6039.	4.1	18
52	Short Peptides Protect Oral Stem Cells from Ageing. <i>Stem Cell Reviews and Reports</i> , 2020, 16, 159-166.	3.8	17
53	Immunomodulating Profile of Dental Mesenchymal Stromal Cells: A Comprehensive Overview. <i>Frontiers in Oral Health</i> , 2021, 2, 635055.	3.0	17
54	Antioxidant Ascorbic Acid Modulates NLRP3 Inflammasome in LPS-G Treated Oral Stem Cells through NF- κ B/Caspase-1/IL-1 β Pathway. <i>Antioxidants</i> , 2021, 10, 797.	5.1	17

#	ARTICLE	IF	CITATIONS
55	3D Human Periodontal Stem Cells and Endothelial Cells Promote Bone Development in Bovine Pericardium-Based Tissue Biomaterial. <i>Materials</i> , 2019, 12, 2157.	2.9	16
56	The Effect of Liposomal Curcumin as an Anti-Inflammatory Strategy on Lipopolysaccharide e from <i>Porphyromonas gingivalis</i> Treated Endothelial Committed Neural Crest Derived Stem Cells: Morphological and Molecular Mechanisms. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7534.	4.1	16
57	Human Periodontal Ligament Stem Cells Response to Titanium Implant Surface: Extracellular Matrix Deposition. <i>Biology</i> , 2021, 10, 931.	2.8	16
58	Enhanced Extracellular Matrix Deposition on Titanium Implant Surfaces: Cellular and Molecular Evidences. <i>Biomedicines</i> , 2021, 9, 1710.	3.2	16
59	A Narrative Review: Gingival Stem Cells as a Limitless Reservoir for Regenerative Medicine. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4135.	4.1	15
60	The Role of Hypoxia on the Neuronal Differentiation of Gingival Mesenchymal Stem Cells: A Transcriptional Study. <i>Cell Transplantation</i> , 2019, 28, 538-552.	2.5	14
61	In vivo and in vitro results of an automated preloaded delivery system for IOL implantation in cataract surgery. <i>International Ophthalmology</i> , 2020, 40, 125-134.	1.4	14
62	AEDG Peptide (Epitalon) Stimulates Gene Expression and Protein Synthesis during Neurogenesis: Possible Epigenetic Mechanism. <i>Molecules</i> , 2020, 25, 609.	3.8	14
63	Transforming Growth Factor-Beta1 and Human Gingival Fibroblast-to-Myofibroblast Differentiation: Molecular and Morphological Modifications. <i>Frontiers in Physiology</i> , 2021, 12, 676512.	2.8	14
64	Microplastics Affect the Inflammation Pathway in Human Gingival Fibroblasts: A Study in the Adriatic Sea. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 7782.	2.6	14
65	Bovine pericardium membrane, gingival stem cells, and ascorbic acid: a novel team in regenerative medicine. <i>European Journal of Histochemistry</i> , 2019, 63, .	1.5	13
66	HEMA Effects on Autophagy Mechanism in Human Dental Pulp Stem Cells. <i>Materials</i> , 2019, 12, 2285.	2.9	11
67	Decellularized Dental Pulp, Extracellular Vesicles, and 5-Azacytidine: A New Tool for Endodontic Regeneration. <i>Biomedicines</i> , 2022, 10, 403.	3.2	11
68	The Beneficial Effect of Carvacrol in HL-1 Cardiomyocytes Treated with LPS-G: Anti-Inflammatory Pathway Investigations. <i>Antioxidants</i> , 2022, 11, 386.	5.1	11
69	Prolonged Expansion Induces Spontaneous Neural Progenitor Differentiation from Human Gingiva-Derived Mesenchymal Stem Cells. <i>Cellular Reprogramming</i> , 2017, 19, 389-401.	0.9	10
70	Transcriptomic analysis revealed increased expression of genes involved in keratinization in the tears of COVID-19 patients. <i>Scientific Reports</i> , 2021, 11, 19817.	3.3	9
71	Xeno-Free Culture of Human Periodontal Ligament Stem Cells. <i>Methods in Molecular Biology</i> , 2014, 1283, 87-92.	0.9	7
72	Immobilization and delivery of biologically active Lipoxin A 4 using electrospinning technology. <i>International Journal of Pharmaceutics</i> , 2016, 515, 254-261.	5.2	7

#	ARTICLE	IF	CITATIONS
73	Effects of growth hormone-releasing hormone receptor antagonist MIA-602 in mice with emotional disorders: a potential treatment for PTSD. <i>Molecular Psychiatry</i> , 2021, 26, 7465-7474.	7.9	7
74	Novel Translational Read-through Inducing Drugs as a Therapeutic Option for Shwachman-Diamond Syndrome. <i>Biomedicines</i> , 2022, 10, 886.	3.2	7
75	Reprogramming of Oncogene Expression in Gingival Mesenchymal Stem Cells Following Long-Term Culture In Vitro. <i>Cellular Reprogramming</i> , 2017, 19, 159-170.	0.9	6
76	Role of ascorbic acid in the regulation of epigenetic processes induced by <i>Porphyromonas gingivalis</i> in endothelial-committed oral stem cells. <i>Histochemistry and Cell Biology</i> , 2021, 156, 423-436.	1.7	5
77	Physiological Expression of Ion Channel Receptors in Human Periodontal Ligament Stem Cells. <i>Cells</i> , 2019, 8, 219.	4.1	4
78	MRAP2 regulates endometrial receptivity and function. <i>Gene</i> , 2019, 703, 7-12.	2.2	4
79	Stem Cells Secretome from Oral Tissue Could Represent a Promising Therapeutic Approach in COVID-19-Disease?. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6833.	4.1	3
80	Could the Enrichment of a Biomaterial with Conditioned Medium or Extracellular Vesicles Modify Bone-Remodeling Kinetics during a Defect Healing? Evaluations on Rat Calvaria with Synchrotron-Based Microtomography. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 2336.	2.5	3
81	MicroRNA Profiling of HL-1 Cardiac Cells-Derived Extracellular Vesicles. <i>Cells</i> , 2021, 10, 273.	4.1	3
82	Laser Photobiomodulation Over Teeth Subjected to Orthodontic Movement. <i>Photomedicine and Laser Surgery</i> , 2018, 36, 647-652.	2.0	2
83	The Role of Hypoxia in Improving the Therapeutic Potential of Mesenchymal Stromal Cells. A Comparative Study From Healthy Lung and Congenital Pulmonary Airway Malformations in Infants. <i>Frontiers in Bioengineering and Biotechnology</i> , 0, 10, .	4.1	2
84	Potential Anti-Inflammatory Effects of a New Lyophilized Formulation of the Conditioned Medium Derived from Periodontal Ligament Stem Cells. <i>Biomedicines</i> , 2022, 10, 683.	3.2	1
85	Exosomes as Carriers for Notch Molecules. <i>Methods in Molecular Biology</i> , 2022, , 197-208.	0.9	1
86	Improved osteogenic differentiation by extremely low electromagnetic field exposure: possible application for bone engineering. <i>Histochemistry and Cell Biology</i> , 0, , .	1.7	1