

Ujjal Bhawal

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4189326/publications.pdf>

Version: 2024-02-01

75
papers

1,343
citations

361296

20
h-index

377752

34
g-index

76
all docs

76
docs citations

76
times ranked

2063
citing authors

#	ARTICLE	IF	CITATIONS
1	Downregulation of miR-126 induces angiogenesis and lymphangiogenesis by activation of VEGF-A in oral cancer. <i>British Journal of Cancer</i> , 2012, 107, 700-706.	2.9	179
2	DEC1 and DEC2 Crosstalk between Circadian Rhythm and Tumor Progression. <i>Journal of Cancer</i> , 2016, 7, 153-159.	1.2	80
3	The expression of receptor for advanced glycation end products is associated with angiogenesis in human oral squamous cell carcinoma. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2007, 450, 287-295.	1.4	78
4	MicroRNA-21 promotes osteogenesis of bone marrow mesenchymal stem cells via the Smad7-Smad1/5/8-Runx2 pathway. <i>Biochemical and Biophysical Research Communications</i> , 2017, 493, 928-933.	1.0	67
5	Receptor for advanced glycation end products (RAGE) is important in the prediction of recurrence in human oral squamous cell carcinoma. <i>Histopathology</i> , 2007, 51, 166-172.	1.6	58
6	Prox1 and FOXC2 Act as Regulators of Lymphangiogenesis and Angiogenesis in Oral Squamous Cell Carcinoma. <i>PLoS ONE</i> , 2014, 9, e92534.	1.1	56
7	Potential Roles of Dec and Bmal1 Genes in Interconnecting Circadian Clock and Energy Metabolism. <i>International Journal of Molecular Sciences</i> , 2018, 19, 781.	1.8	53
8	Basic helix-loop-helix transcription factor DEC1 negatively regulates cyclin D1. <i>Journal of Pathology</i> , 2011, 224, 420-429.	2.1	50
9	MIA-dependent angiogenesis and lymphangiogenesis are closely associated with progression, nodal metastasis and poor prognosis in tongue squamous cell carcinoma. <i>European Journal of Cancer</i> , 2010, 46, 2285-2294.	1.3	47
10	Silk fibroin-based scaffolds for bone regeneration. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2013, 101B, 295-302.	1.6	42
11	Trks are novel oncogenes involved in the induction of neovascularization, tumor progression, and nodal metastasis in oral squamous cell carcinoma. <i>Clinical and Experimental Metastasis</i> , 2013, 30, 165-176.	1.7	31
12	Reg IV expression is associated with cell growth and prognosis of adenoid cystic carcinoma in the salivary gland. <i>Histopathology</i> , 2008, 53, 667-675.	1.6	27
13	Tropomyosin receptor kinases B and C are tumor progressive and metastatic marker in colorectal carcinoma. <i>Human Pathology</i> , 2013, 44, 1098-1106.	1.1	27
14	Low concentration fluoride stimulates cell motility of epithelial cells in vitro. <i>Biomedical Research</i> , 2009, 30, 271-277.	0.3	26
15	Involvement of HMGB1 and RAGE in IL-1 β -induced gingival inflammation. <i>Archives of Oral Biology</i> , 2012, 57, 73-80.	0.8	25
16	IL-1 β -mediated up-regulation of DEC1 in human gingiva cells via the Akt pathway. <i>Journal of Cellular Biochemistry</i> , 2012, 113, 3246-3253.	1.2	25
17	A Transcriptional Roadmap to the Senescence and Differentiation of Human Oral Keratinocytes. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2015, 70, 20-32.	1.7	25
18	Transport and Golgi organisation protein 1 is a novel tumour progressive factor in oral squamous cell carcinoma. <i>European Journal of Cancer</i> , 2014, 50, 2142-2151.	1.3	24

#	ARTICLE	IF	CITATIONS
19	Micromolar sodium fluoride mediates anti-osteoclastogenesis in <i>Porphyromonas gingivalis</i> -induced alveolar bone loss. <i>International Journal of Oral Science</i> , 2015, 7, 242-249.	3.6	24
20	The Effects of Low-Power Laser Irradiation on Inflammation and Apoptosis in Submandibular Glands of Diabetes-Induced Rats. <i>PLoS ONE</i> , 2017, 12, e0169443.	1.1	22
21	Role of Nanoparticles in Environmental Remediation: An Insight into Heavy Metal Pollution from Dentistry. <i>Bioinorganic Chemistry and Applications</i> , 2022, 2022, 1-13.	1.8	22
22	Transcriptome analysis of β -TCP implanted in dog mandible. <i>Bone</i> , 2011, 48, 864-877.	1.4	20
23	HuD Promotes Progression of Oral Squamous Cell Carcinoma. <i>Pathobiology</i> , 2014, 81, 206-214.	1.9	20
24	Effect of plasma-irradiated silk fibroin in bone regeneration. <i>Journal of Bioscience and Bioengineering</i> , 2014, 118, 333-340.	1.1	20
25	Differentiated embryo chondrocyte 1 (DEC1) is a novel negative regulator of hepatic fibroblast growth factor 21 (FGF21) in aging mice. <i>Biochemical and Biophysical Research Communications</i> , 2016, 469, 477-482.	1.0	20
26	Smad3 Suppresses Epithelial Cell Migration and Proliferation via the Clock Gene Dec1, Which Negatively Regulates the Expression of Clock Genes Dec2 and Per1. <i>American Journal of Pathology</i> , 2019, 189, 773-783.	1.9	20
27	Transcription factor DEC1 is required for maximal experimentally induced periodontal inflammation. <i>Journal of Periodontal Research</i> , 2018, 53, 883-893.	1.4	19
28	Transcriptional repression by the basic helix-loop-helix protein Dec2: Multiple mechanisms through E-box elements. <i>International Journal of Molecular Medicine</i> , 2007, , .	1.8	18
29	Downregulation of runtâ€related transcription factor 3 associated with poor prognosis of adenoid cystic and mucoepidermoid carcinomas of the salivary gland. <i>Cancer Science</i> , 2011, 102, 492-497.	1.7	16
30	A deficiency of Dec2 triggers periodontal inflammation and pyroptosis. <i>Journal of Periodontal Research</i> , 2021, 56, 492-500.	1.4	16
31	Dec1 deficiency protects the heart from fibrosis, inflammation, and myocardial cell apoptosis in a mouse model of cardiac hypertrophy. <i>Biochemical and Biophysical Research Communications</i> , 2020, 532, 513-519.	1.0	15
32	Treatment with lowâ€level sodium fluoride on wound healing and the osteogenic differentiation of bone marrow mesenchymal stem cells. <i>Dental Traumatology</i> , 2020, 36, 278-284.	0.8	13
33	Dec1 Deficiency Suppresses Cardiac Perivascular Fibrosis Induced by Transverse Aortic Constriction. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4967.	1.8	12
34	Loss of 14-3-3 Sigma Protein Expression and Presence of Human Papillomavirus Type 16 E6 in Oral Squamous Cell Carcinoma. <i>JAMA Otolaryngology</i> , 2008, 134, 1055.	1.5	11
35	Dec2 inhibits macrophage pyroptosis to promote periodontal homeostasis. <i>Journal of Periodontal and Implant Science</i> , 2022, 52, 28.	0.9	11
36	Identification by DNA microarray of genes involved in <i>Candida albicans</i> -treated gingival epithelial cells. <i>Journal of Oral Pathology and Medicine</i> , 2012, 41, 769-778.	1.4	8

#	ARTICLE	IF	CITATIONS
37	The epigenetic regulation of CXCL14 plays a role in the pathobiology of oral cancers. <i>Journal of Cancer</i> , 2017, 8, 3014-3027.	1.2	8
38	The basic helix-loop-helix (bHLH) transcription factor DEC2 negatively regulates Twist1 through an E-box element. <i>Biochemical and Biophysical Research Communications</i> , 2014, 455, 390-395.	1.0	7
39	The Potential Roles of Dec1 and Dec2 in Periodontal Inflammation. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10349.	1.8	7
40	Differential expression of claudin-4, occludin, SOX2 and proliferating cell nuclear antigen between basaloid squamous cell carcinoma and squamous cell carcinoma. <i>Molecular Medicine Reports</i> , 2019, 20, 1977-1985.	1.1	7
41	MicroRNA-21 facilitates osteoblast activity. <i>Biochemistry and Biophysics Reports</i> , 2021, 25, 100894.	0.7	6
42	Low Level Fluoride Stimulates Epithelial-Mesenchymal Interaction in Oral Mucosa. <i>Journal of Hard Tissue Biology</i> , 2013, 22, 59-66.	0.2	6
43	CCDC106 promotes the proliferation and invasion of ovarian cancer cells by suppressing p21 transcription through a p53-independent pathway. <i>Bioengineered</i> , 2022, 13, 10957-10973.	1.4	6
44	Potential Role of DEC1 in Cervical Cancer Cells Involving Overexpression and Apoptosis. <i>Clocks & Sleep</i> , 2020, 2, 26-38.	0.9	5
45	Loss of Dec1 prevents autophagy in inflamed periodontal ligament fibroblast. <i>Molecular Biology Reports</i> , 2021, 48, 1423-1431.	1.0	5
46	Inhibition of Dec1 provides biological insights into periodontal pyroptosis. <i>International Journal of Transgender Health</i> , 2021, 14, 300-307.	1.1	5
47	Biphasic Functions of Sodium Fluoride (NaF) in Soft and in Hard Periodontal Tissues. <i>International Journal of Molecular Sciences</i> , 2022, 23, 962.	1.8	5
48	Oral toxicity to high level sodium fluoride causes impairment of autophagy. <i>Journal of Physiology and Pharmacology</i> , 2020, 71, .	1.1	5
49	Differential immunohistochemical expression of DEC1, CK18, and CD44 in oral atypical squamous epithelium and carcinoma <i>in situ</i> . <i>Molecular Medicine Reports</i> , 2022, 25, .	1.1	4
50	Hypomethylation of CLDN4 Gene Promoter Is Associated with Malignant Phenotype in Urinary Bladder Cancer. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6516.	1.8	4
51	<i>Porphyromonas gingivalis</i> promotes low-density lipoprotein oxidation and atherosclerosis. <i>Journal of Oral Biosciences</i> , 2017, 59, 44-49.	0.8	3
52	Dec2 attenuates autophagy in inflamed periodontal tissues. <i>Immunity, Inflammation and Disease</i> , 2021, 9, 265-273.	1.3	3
53	Anti-aging effects of Korean Red Ginseng (KRG) in differentiated embryo chondrocyte (DEC) knockout mice. <i>Journal of Ginseng Research</i> , 2021, 45, 183-190.	3.0	3
54	Biofunctionalized titanium surfaces with modified silk fibroin carrying titanium binding motif to enhance the ossific differentiation of MC3T3-E1. <i>Biotechnology and Bioengineering</i> , 2021, 118, 2585-2596.	1.7	3

#	ARTICLE	IF	CITATIONS
55	bFGF Upregulates the Expression of NGFR in PC12 Cells. <i>Journal of Hard Tissue Biology</i> , 2013, 22, 19-24.	0.2	3
56	The roles of Y-box-binding protein (YB)-1 and C-X-C motif chemokine ligand 14 (CXCL14) in the progression of prostate cancer via extracellular-signal-regulated kinase (ERK) signaling. <i>Bioengineered</i> , 2021, 12, 9128-9139.	1.4	3
57	microRNA-21 ameliorates the impairment of autophagy in palatal wound healing. <i>Journal of Physiology and Pharmacology</i> , 2020, 71, .	1.1	3
58	Dec1 deficiency restores the age-related dysfunctions of submandibular glands.. <i>Journal of Physiology and Pharmacology</i> , 2021, 72, .	1.1	3
59	Methylation and intratumoural heterogeneity of 14-3-3 ζ in oral cancer. <i>Oncology Reports</i> , 2007, 18, 817.	1.2	2
60	The roles of HMGB1 related angiogenesis and lymphangiogenesis in oral cancer. <i>Oncology Reviews</i> , 2011, 5, 49-55.	0.8	2
61	Effect of the surface morphology of silk fibroin scaffolds for bone regeneration. <i>Bio-Medical Materials and Engineering</i> , 2016, 27, 413-424.	0.4	2
62	The Role of the Hypoxia Responsive Gene DEC1 in Periodontal Inflammation. <i>Journal of Hard Tissue Biology</i> , 2018, 27, 227-232.	0.2	2
63	Effects of 830 nm low-power laser irradiation on body weight gain and inflammatory cytokines in experimental diabetes in different animal models. <i>Laser Therapy</i> , 2019, 28, 257-265.	0.8	2
64	Treatment with 50 μ M Sodium Fluoride Suppresses Aging-Induced Alveolar Bone Resorption in Mice. <i>Journal of Hard Tissue Biology</i> , 2021, 30, 225-230.	0.2	1
65	DNA Microarray Analysis of HSC-3 Human Oral Squamous Cell Carcinoma Cells Following Knockdown of DDIT4. <i>International Journal of Oral-Medical Sciences</i> , 2020, 19, 171-178.	0.2	1
66	Induction of Insulin-Like Growth Factors Expression in Dog Mandibles by β -TCP. <i>Journal of Hard Tissue Biology</i> , 2012, 21, 1-8.	0.2	0
67	Expression of caveolin-1 in the early phase of beta-TCP implanted in dog mandible. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2013, 101B, 804-812.	1.6	0
68	Receptor for Advanced Glycation End Products is Required for HMGB1/S100A4/NF- κ B Interaction In Porphyromonas gingivalis Induced Gingival Inflammation. <i>Journal of Hard Tissue Biology</i> , 2014, 23, 55-62.	0.2	0
69	Microarray Expression Profile Analysis of BNIP3 Silencing in HSC3 Human Oral Squamous Cell Carcinoma Cells. <i>International Journal of Oral-Medical Sciences</i> , 2021, 19, 261-268.	0.2	0
70	Differential Inflammatory Responses in the Healing of Oral Mucosa and Skin Wounds. <i>International Journal of Oral-Medical Sciences</i> , 2021, 20, 19-23.	0.2	0
71	The roles of HMGB1 related angiogenesis and lymphangiogenesis in oral cancer. <i>Oncology Reviews</i> , 2011, 5, 49.	0.8	0
72	The roles of HMGB1 related angiogenesis and lymphangiogenesis in oral cancer. <i>Oncology Reviews</i> , 0, , 49-55.	0.8	0

#	ARTICLE	IF	CITATIONS
73	Expression of BDNF and TrkB in Gingival Inflammation. Journal of Hard Tissue Biology, 2013, 22, 25-34.	0.2	0
74	Circadian Expression of Differentiated Embryonic Chondrocytes Expressed Genes 1 and 2 in Human Oral Squamous Cell Carcinoma HSC-3 Cells. International Journal of Oral-Medical Sciences, 2018, 17, 33-37.	0.2	0
75	Alteration of Aggregate and Proliferation of Human Pancreatic Cancer Cells in Type I Collagen-coated and Fibronectin-coated Dishes. International Journal of Oral-Medical Sciences, 2020, 18, 233-238.	0.2	0