

Ujjal Bhawal

List of Publications by Year in descending order

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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	Dec2 inhibits macrophage pyroptosis to promote periodontal homeostasis. <i>Journal of Periodontal and Implant Science</i> , 2022, 52, 28.	0.9	11
2	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
3	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
4	Differential immunohistochemical expression of DEC1, CK α 1 μ , and CD44 in oral atypical squamous epithelium and carcinoma <i>in situ</i> . <i>Molecular Medicine Reports</i> , 2022, 25, .	1.1	4
5	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
6	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
7	Dec2 attenuates autophagy in inflamed periodontal tissues. <i>Immunity, Inflammation and Disease</i> , 2021, 9, 265-273.	1.3	3
8	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
9	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
10	Loss of Dec1 prevents autophagy in inflamed periodontal ligament fibroblast. <i>Molecular Biology Reports</i> , 2021, 48, 1423-1431.	1.0	5
11	Inhibition of Dec1 provides biological insights into periodontal pyroptosis. <i>International Journal of Transgender Health</i> , 2021, 14, 300-307.	1.1	5
12	A deficiency of Dec2 triggers periodontal inflammation and pyroptosis. <i>Journal of Periodontal Research</i> , 2021, 56, 492-500.	1.4	16
13	MicroRNA-21 facilitates osteoblast activity. <i>Biochemistry and Biophysics Reports</i> , 2021, 25, 100894.	0.7	6
14	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
15	Bio α functionalized titanium surfaces with modified silk fibroin carrying titanium binding motif to enhance the ossific differentiation of MC3T3 α 1. <i>Biotechnology and Bioengineering</i> , 2021, 118, 2585-2596.	1.7	3
16	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
17	The Potential Roles of Dec1 and Dec2 in Periodontal Inflammation. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10349.	1.8	7
18	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

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19	Dec1 deficiency restores the age-related dysfunctions of submandibular glands.. Journal of Physiology and Pharmacology, 2021, 72, .	1.1	3
20	Treatment with low-level sodium fluoride on wound healing and the osteogenic differentiation of bone marrow mesenchymal stem cells. Dental Traumatology, 2020, 36, 278-284.	0.8	13
21	Dec1 deficiency protects the heart from fibrosis, inflammation, and myocardial cell apoptosis in a mouse model of cardiac hypertrophy. Biochemical and Biophysical Research Communications, 2020, 532, 513-519.	1.0	15
22	Potential Role of DEC1 in Cervical Cancer Cells Involving Overexpression and Apoptosis. Clocks & Sleep, 2020, 2, 26-38.	0.9	5
23	DNA Microarray Analysis of HSC-3 Human Oral Squamous Cell Carcinoma Cells Following Knockdown of DDIT4. International Journal of Oral-Medical Sciences, 2020, 19, 171-178.	0.2	1
24	Alternation 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
25	Oral toxicity to high level sodium fluoride causes impairment of autophagy. Journal of Physiology and Pharmacology, 2020, 71, .	1.1	5
26	microRNA-21 ameliorates the impairment of autophagy in palatal wound healing. Journal of Physiology and Pharmacology, 2020, 71, .	1.1	3
27	Dec1 Deficiency Suppresses Cardiac Perivascular Fibrosis Induced by Transverse Aortic Constriction. International Journal of Molecular Sciences, 2019, 20, 4967.	1.8	12
28	Smad3 Suppresses Epithelial Cell Migration and Proliferation via the Clock Gene Dec1, Which Negatively Regulates the Expression of Clock Genes Dec2 and Per1. American Journal of Pathology, 2019, 189, 773-783.	1.9	20
29	Effects of 830 nm low-power laser irradiation on body weight gain and inflammatory cytokines in experimental diabetes in different animal models. Laser Therapy, 2019, 28, 257-265.	0.8	2
30	Differential expression of claudin-4, occludin, SOX2 and proliferating cell nuclear antigen between basaloid squamous cell carcinoma and squamous cell carcinoma. Molecular Medicine Reports, 2019, 20, 1977-1985.	1.1	7
31	The Role of the Hypoxia Responsive Gene DEC1 in Periodontal Inflammation. Journal of Hard Tissue Biology, 2018, 27, 227-232.	0.2	2
32	Potential Roles of Dec and Bmal1 Genes in Interconnecting Circadian Clock and Energy Metabolism. International Journal of Molecular Sciences, 2018, 19, 781.	1.8	53
33	Transcription factor DEC1 is required for maximal experimentally induced periodontal inflammation. Journal of Periodontal Research, 2018, 53, 883-893.	1.4	19
34	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
35	Porphyromonas gingivalis promotes low-density lipoprotein oxidation and atherosclerosis. Journal of Oral Biosciences, 2017, 59, 44-49.	0.8	3
36	MicroRNA-21 promotes osteogenesis of bone marrow mesenchymal stem cells via the Smad7-Smad1/5/8-Runx2 pathway. Biochemical and Biophysical Research Communications, 2017, 493, 928-933.	1.0	67

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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 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
39	DEC1 and DEC2 Crosstalk between Circadian Rhythm and Tumor Progression. <i>Journal of Cancer</i> , 2016, 7, 153-159.	1.2	80
40	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
41	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
42	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
43	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
44	Receptor for Advanced Glycation End Products is Required for HMGB1/S100A4/NF- κ B Interaction In <i>Porphyromonas gingivalis</i> Induced Gingival Inflammation. <i>Journal of Hard Tissue Biology</i> , 2014, 23, 55-62.	0.2	0
45	HuD Promotes Progression of Oral Squamous Cell Carcinoma. <i>Pathobiology</i> , 2014, 81, 206-214.	1.9	20
46	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
47	Effect of plasma-irradiated silk fibroin in bone regeneration. <i>Journal of Bioscience and Bioengineering</i> , 2014, 118, 333-340.	1.1	20
48	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
49	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
50	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
51	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
52	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
53	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
54	bFGF Upregulates the Expression of NGFR in PC12 Cells. <i>Journal of Hard Tissue Biology</i> , 2013, 22, 19-24.	0.2	3

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55	Low Level Fluoride Stimulates Epithelial-Mesenchymal Interaction in Oral Mucosa. <i>Journal of Hard Tissue Biology</i> , 2013, 22, 59-66.	0.2	6
56	Expression of BDNF and TrkB in Gingival Inflammation. <i>Journal of Hard Tissue Biology</i> , 2013, 22, 25-34.	0.2	0
57	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
58	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
59	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
60	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
61	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
62	Transcriptome analysis of β -TCP implanted in dog mandible. <i>Bone</i> , 2011, 48, 864-877.	1.4	20
63	Downregulation of runt-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
64	The roles of HMGB1 related angiogenesis and lymphangiogenesis in oral cancer. <i>Oncology Reviews</i> , 2011, 5, 49-55.	0.8	2
65	Basic helix-loop-helix transcription factor DEC1 negatively regulates cyclin D1. <i>Journal of Pathology</i> , 2011, 224, 420-429.	2.1	50
66	The roles of HMGB1 related angiogenesis and lymphangiogenesis in oral cancer. <i>Oncology Reviews</i> , 2011, 5, 49.	0.8	0
67	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
68	Low concentration fluoride stimulates cell motility of epithelial cells in vitro. <i>Biomedical Research</i> , 2009, 30, 271-277.	0.3	26
69	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
70	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
71	Methylation and intratumoural heterogeneity of 14-3-3 β in oral cancer. <i>Oncology Reports</i> , 2007, 18, 817.	1.2	2
72	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

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73	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
74	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
75	The roles of HMGB1 related angiogenesis and lymphangiogenesis in oral cancer. <i>Oncology Reviews</i> , 0, , 49-55.	0.8	0