

# Kuo-Wei Chang

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

102  
papers

3,714  
citations

35  
h-index

56  
g-index

106  
ext. papers

4,316  
ext. citations

5.2  
avg. IF

5.13  
L-index

#	Paper	IF	Citations
102	miR-31 ablates expression of the HIF regulatory factor FIH to activate the HIF pathway in head and neck carcinoma. <i>Cancer Research</i> , <b>2010</b> , 70, 1635-44	10.1	260
101	Exploiting salivary miR-31 as a clinical biomarker of oral squamous cell carcinoma. <i>Head and Neck</i> , <b>2012</b> , 34, 219-24	4.2	158
100	Genome-wide profiling of oral squamous cell carcinoma. <i>Journal of Pathology</i> , <b>2004</b> , 204, 326-32	9.4	129
99	miR-24 up-regulation in oral carcinoma: positive association from clinical and in vitro analysis. <i>Oral Oncology</i> , <b>2010</b> , 46, 204-8	4.4	123
98	MicroRNA-200c attenuates tumour growth and metastasis of presumptive head and neck squamous cell carcinoma stem cells. <i>Journal of Pathology</i> , <b>2011</b> , 223, 482-95	9.4	102
97	miR-134 induces oncogenicity and metastasis in head and neck carcinoma through targeting WWOX gene. <i>International Journal of Cancer</i> , <b>2014</b> , 134, 811-21	7.5	88
96	Safrole-like DNA adducts in oral tissue from oral cancer patients with a betel quid chewing history. <i>Carcinogenesis</i> , <b>1999</b> , 20, 2331-4	4.6	87
95	High prevalence of human papillomavirus infection and possible association with betel quid chewing and smoking in oral epidermoid carcinomas in Taiwan. <i>Journal of Medical Virology</i> , <b>1989</b> , 28, 57-61	19.7	86
94	Areca (betel) nut extract activates mitogen-activated protein kinases and NF-kappaB in oral keratinocytes. <i>International Journal of Cancer</i> , <b>2005</b> , 116, 526-35	7.5	81
93	miR-146a enhances the oncogenicity of oral carcinoma by concomitant targeting of the IRAK1, TRAF6 and NUMB genes. <i>PLoS ONE</i> , <b>2013</b> , 8, e79926	3.7	81
92	Functional polymorphism in NFKB1 promoter is related to the risks of oral squamous cell carcinoma occurring on older male areca (betel) chewers. <i>Cancer Letters</i> , <b>2006</b> , 243, 47-54	9.9	77
91	Increase of disintegrin metalloprotease 10 (ADAM10) expression in oral squamous cell carcinoma. <i>Cancer Letters</i> , <b>2007</b> , 245, 33-43	9.9	76
90	Ripe areca nut extract induces G1 phase arrests and senescence-associated phenotypes in normal human oral keratinocyte. <i>Carcinogenesis</i> , <b>2006</b> , 27, 1273-84	4.6	72
89	miR-211 promotes the progression of head and neck carcinomas by targeting TGFBI. <i>Cancer Letters</i> , <b>2013</b> , 337, 115-24	9.9	69
88	MicroRNA aberrances in head and neck cancer: pathogenetic and clinical significance. <i>Current Opinion in Otolaryngology and Head and Neck Surgery</i> , <b>2013</b> , 21, 104-11	2	68
87	MicroRNA-211 Enhances the Oncogenicity of Carcinogen-Induced Oral Carcinoma by Repressing TCF12 and Increasing Antioxidant Activity. <i>Cancer Research</i> , <b>2016</b> , 76, 4872-86	10.1	66
86	Array-comparative genomic hybridization to detect genomewide changes in microdissected primary and metastatic oral squamous cell carcinomas. <i>Molecular Carcinogenesis</i> , <b>2006</b> , 45, 721-31	5	65

85	MicroRNA-31 upregulation predicts increased risk of progression of oral potentially malignant disorder. <i>Oral Oncology</i> , <b>2016</b> , 53, 42-7	4.4	58
84	Areca nut extract induced oxidative stress and upregulated hypoxia inducing factor leading to autophagy in oral cancer cells. <i>Autophagy</i> , <b>2010</b> , 6, 725-37	10.2	58
83	Association of expression aberrances and genetic polymorphisms of lysyl oxidase with areca-associated oral tumorigenesis. <i>Clinical Cancer Research</i> , <b>2007</b> , 13, 4378-85	12.9	56
82	miR-31 is upregulated in oral premalignant epithelium and contributes to the immortalization of normal oral keratinocytes. <i>Carcinogenesis</i> , <b>2014</b> , 35, 1162-71	4.6	54
81	Increased expression of amyloid precursor protein in oral squamous cell carcinoma. <i>International Journal of Cancer</i> , <b>2004</b> , 111, 727-32	7.5	54
80	Association between the rs2910164 polymorphism in pre-mir-146a and oral carcinoma progression. <i>Oral Oncology</i> , <b>2012</b> , 48, 404-8	4.4	53
79	Association of epidermal growth factor receptor (EGFR) gene copy number amplification with neck lymph node metastasis in areca-associated oral carcinomas. <i>Oral Oncology</i> , <b>2008</b> , 44, 270-6	4.4	49
78	Passenger strand miRNA miR-31* regulates the phenotypes of oral cancer cells by targeting RhoA. <i>Oral Oncology</i> , <b>2013</b> , 49, 27-33	4.4	47
77	The biphasic differential expression of the cellular membrane protein, caveolin-1, in oral carcinogenesis. <i>Journal of Oral Pathology and Medicine</i> , <b>2003</b> , 32, 461-7	3.3	47
76	miR-125b suppresses oral oncogenicity by targeting the anti-oxidative gene PRXL2A. <i>Redox Biology</i> , <b>2019</b> , 22, 101140	11.3	45
75	Chromosomal changes in betel-associated oral squamous cell carcinomas and their relationship to clinical parameters. <i>Oral Oncology</i> , <b>2002</b> , 38, 266-73	4.4	42
74	The association between genetic polymorphism and the processing efficiency of miR-149 affects the prognosis of patients with head and neck squamous cell carcinoma. <i>PLoS ONE</i> , <b>2012</b> , 7, e51606	3.7	40
73	MicroRNA miR-31 targets SIRT3 to disrupt mitochondrial activity and increase oxidative stress in oral carcinoma. <i>Cancer Letters</i> , <b>2019</b> , 456, 40-48	9.9	39
72	Evaluation physical characteristics and comparison antimicrobial and anti-inflammation potentials of dental root canal sealers containing hinokitiol in vitro. <i>PLoS ONE</i> , <b>2014</b> , 9, e94941	3.7	39
71	Regulation of IGFBP-5 expression during tumourigenesis and differentiation of oral keratinocytes. <i>Journal of Pathology</i> , <b>2002</b> , 198, 317-25	9.4	38
70	EGF up-regulates miR-31 through the C/EBPβ signal cascade in oral carcinoma. <i>PLoS ONE</i> , <b>2014</b> , 9, e108049	4.7	37
69	Impact of diabetes mellitus on the prognosis of patients with oral squamous cell carcinoma: a retrospective cohort study. <i>Annals of Surgical Oncology</i> , <b>2010</b> , 17, 2175-83	3.1	36
68	Elevated expression of cyclooxygenase (COX)-2 in oral squamous cell carcinoma--evidence for COX-2 induction by areca quid ingredients in oral keratinocytes. <i>Journal of Oral Pathology and Medicine</i> , <b>2003</b> , 32, 522-9	3.3	36

67	Copy number amplification of 3q26-27 oncogenes in microdissected oral squamous cell carcinoma and oral brushed samples from areca chewers. <i>Journal of Pathology</i> , <b>2005</b> , 206, 417-22	9.4	35
66	Curcumin upregulates insulin-like growth factor binding protein-5 (IGFBP-5) and C/EBPalpha during oral cancer suppression. <i>International Journal of Cancer</i> , <b>2010</b> , 127, 9-20	7.5	34
65	Multiple molecular alterations of FHIT in betel-associated oral carcinoma. <i>Journal of Pathology</i> , <b>2002</b> , 196, 300-6	9.4	34
64	The increase of voltage-gated potassium channel Kv3.4 mRNA expression in oral squamous cell carcinoma. <i>Journal of Oral Pathology and Medicine</i> , <b>2003</b> , 32, 606-11	3.3	33
63	Upregulation of miR-372 and -373 associates with lymph node metastasis and poor prognosis of oral carcinomas. <i>Laryngoscope</i> , <b>2015</b> , 125, E365-70	3.6	32
62	Detection and screening of oral cancer and pre-cancerous lesions. <i>Journal of the Chinese Medical Association</i> , <b>2009</b> , 72, 227-33	2.8	32
61	Cyclin D1 genotype in areca-associated oral squamous cell carcinoma. <i>Journal of Oral Pathology and Medicine</i> , <b>2003</b> , 32, 265-70	3.3	32
60	Alterations of p16/MTS1 gene in oral squamous cell carcinomas from Taiwanese. <i>Journal of Oral Pathology and Medicine</i> , <b>2000</b> , 29, 159-66	3.3	32
59	miR-372 inhibits p62 in head and neck squamous cell carcinoma in vitro and in vivo. <i>Oncotarget</i> , <b>2015</b> , 6, 6062-75	3.3	32
58	Expression of phosphorylated Akt in oral carcinogenesis and its induction by nicotine and alkaline stimulation. <i>Journal of Oral Pathology and Medicine</i> , <b>2009</b> , 38, 206-13	3.3	31
57	miR-31 targets ARID1A and enhances the oncogenicity and stemness of head and neck squamous cell carcinoma. <i>Oncotarget</i> , <b>2016</b> , 7, 57254-57267	3.3	31
56	miR-134 targets PDCD7 to reduce E-cadherin expression and enhance oral cancer progression. <i>International Journal of Cancer</i> , <b>2018</b> , 143, 2892-2904	7.5	31
55	Increased Plasma Circulating Cell-Free DNA Could Be a Potential Marker for Oral Cancer. <i>International Journal of Molecular Sciences</i> , <b>2018</b> , 19,	6.3	30
54	K14-EGFP-miR-31 transgenic mice have high susceptibility to chemical-induced squamous cell tumorigenesis that is associating with Ku80 repression. <i>International Journal of Cancer</i> , <b>2015</b> , 136, 1263-75	7.5	29
53	IFIT1 and IFIT3 promote oral squamous cell carcinoma metastasis and contribute to the anti-tumor effect of gefitinib via enhancing p-EGFR recycling. <i>Oncogene</i> , <b>2019</b> , 38, 3232-3247	9.2	29
52	The increase of oncogenic miRNA expression in tongue carcinogenesis of a mouse model. <i>Oral Oncology</i> , <b>2015</b> , 51, 1103-12	4.4	28
51	p53 alterations in betel quid- and tobacco-associated oral squamous cell carcinomas from Taiwan. <i>Journal of Oral Pathology and Medicine</i> , <b>1998</b> , 27, 243-8	3.3	28
50	Areca nut extract treatment down-regulates involucrin in normal human oral keratinocyte through P13K/AKT activation. <i>Oral Oncology</i> , <b>2007</b> , 43, 670-9	4.4	28

49	Telomerase activity and in situ telomerase RNA expression in oral carcinogenesis. <i>Journal of Oral Pathology and Medicine</i> , <b>1999</b> , 28, 389-96	3.3	28
48	Presurgical serum levels of matrix metalloproteinase-9 and vascular endothelial growth factor in oral squamous cell carcinoma. <i>Oral Oncology</i> , <b>2009</b> , 45, 920-5	4.4	27
47	Lysyl oxidase and enhancement of cell proliferation and angiogenesis in oral squamous cell carcinoma. <i>Head and Neck</i> , <b>2013</b> , 35, 250-6	4.2	26
46	Association of aberrant p53 and p21(WAF1) immunoreactivity with the outcome of oral verrucous leukoplakia in Taiwan. <i>Journal of Oral Pathology and Medicine</i> , <b>2000</b> , 29, 56-62	3.3	26
45	FAT1 somatic mutations in head and neck carcinoma are associated with tumor progression and survival. <i>Carcinogenesis</i> , <b>2018</b> , 39, 1320-1330	4.6	25
44	Detection of copy number amplification of cyclin D1 (CCND1) and cortactin (CTTN) in oral carcinoma and oral brushed samples from areca chewers. <i>Oral Oncology</i> , <b>2009</b> , 45, 1032-6	4.4	24
43	Association between lysyl oxidase polymorphisms and oral submucous fibrosis in older male areca chewers. <i>Journal of Oral Pathology and Medicine</i> , <b>2009</b> , 38, 109-13	3.3	23
42	Alterations of Adenomatous Polyposis Coli (APC) gene in oral squamous cell carcinoma. <i>International Journal of Oral and Maxillofacial Surgery</i> , <b>2000</b> , 29, 223-226	2.9	23
41	MicroRNA-21 promotes perineural invasion and impacts survival in patients with oral carcinoma. <i>Journal of the Chinese Medical Association</i> , <b>2017</b> , 80, 383-388	2.8	21
40	Up-regulation of miR-187 modulates the advances of oral carcinoma by targeting BARX2 tumor suppressor. <i>Oncotarget</i> , <b>2016</b> , 7, 61355-61365	3.3	21
39	Molecular and cellular cues of diet-associated oral carcinogenesis--with an emphasis on areca-nut-induced oral cancer development. <i>Journal of Oral Pathology and Medicine</i> , <b>2015</b> , 44, 167-77	3.3	20
38	Continuing root formation following apexification treatment. <i>Dental Traumatology</i> , <b>1990</b> , 6, 232-5	4.5	18
37	The repressive effect of green tea ingredients on amyloid precursor protein (APP) expression in oral carcinoma cells in vitro and in vivo. <i>Cancer Letters</i> , <b>2007</b> , 245, 81-9	9.9	17
36	Association of GST genotypes with age of onset and lymph node metastasis in oral squamous cell carcinoma. <i>Journal of Oral Pathology and Medicine</i> , <b>2005</b> , 34, 473-7	3.3	17
35	The molecular markers for prognostic evaluation of areca-associated buccal squamous cell carcinoma. <i>Journal of Oral Pathology and Medicine</i> , <b>2004</b> , 33, 327-34	3.3	16
34	Combination of structural and vascular optical coherence tomography for differentiating oral lesions of mice in different carcinogenesis stages. <i>Biomedical Optics Express</i> , <b>2018</b> , 9, 1461-1476	3.5	15
33	Lipopolysaccharide induces the migration of human dental pulp cells by up-regulating miR-146a. <i>Journal of Endodontics</i> , <b>2012</b> , 38, 1598-603	4.7	15
32	Serum decoy receptor 3 level: a predictive marker for nodal metastasis and survival among oral cavity cancer patients. <i>Head and Neck</i> , <b>2011</b> , 33, 396-402	4.2	15

31	Nuclear STK15 expression is associated with aggressive behaviour of oral carcinoma cells in vivo and in vitro. <i>Journal of Pathology</i> , <b>2010</b> , 222, 99-109	9.4	15
30	Somatic Mutations in Head and Neck Carcinoma Are Associated With Tumor Progression. <i>Frontiers in Oncology</i> , <b>2019</b> , 9, 1379	5.3	15
29	Targeting Cellular Metabolism Modulates Head and Neck Oncogenesis. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	14
28	Areca nut extract upregulates vimentin by activating PI3K/AKT signaling in oral carcinoma. <i>Journal of Oral Pathology and Medicine</i> , <b>2011</b> , 40, 160-6	3.3	14
27	The -ZBTB7A Oncogenic Axis Suppresses TRAIL-R2 Associated Drug Sensitivity in Oral Carcinoma. <i>Frontiers in Oncology</i> , <b>2020</b> , 10, 47	5.3	13
26	Frequent microsatellite alterations of chromosome locus 4q13.1 in oral squamous cell carcinomas. <i>Journal of Oral Pathology and Medicine</i> , <b>2005</b> , 34, 209-13	3.3	12
25	Targeting of miR-31/96/182 to the Numb gene during head and neck oncogenesis. <i>Head and Neck</i> , <b>2018</b> , 40, 808-817	4.2	11
24	The frequent co-expression of the oncogenes PIK3CA and PAK1 in oral carcinomas. <i>Oral Oncology</i> , <b>2011</b> , 47, 211-6	4.4	11
23	Establishing of mouse oral carcinoma cell lines derived from transgenic mice and their use as syngeneic tumorigenesis models. <i>BMC Cancer</i> , <b>2019</b> , 19, 281	4.8	10
22	Hinokitiol suppressed pan-histone expression and cell growth in oral squamous cell carcinoma cells. <i>Journal of Functional Foods</i> , <b>2015</b> , 15, 452-463	5.1	10
21	Regulatory Role of Hexokinase 2 in Modulating Head and Neck Tumorigenesis. <i>Frontiers in Oncology</i> , <b>2020</b> , 10, 176	5.3	10
20	The correlation between HIF-1 alpha and VEGF in oral squamous cell carcinomas: Expression patterns and quantitative immunohistochemical analysis. <i>Journal of the Chinese Medical Association</i> , <b>2018</b> , 81, 370-375	2.8	10
19	Up-regulation of HB-EGF by the COX-2/PGE2 signaling associates with the cisplatin resistance and tumor recurrence of advanced HNSCC. <i>Oral Oncology</i> , <b>2016</b> , 56, 54-61	4.4	10
18	Areca nut extract-treated gingival fibroblasts modulate the invasiveness of polymorphonuclear leukocytes via the production of MMP-2. <i>Journal of Oral Pathology and Medicine</i> , <b>2009</b> , 38, 79-86	3.3	10
17	MTS1 gene mutations in archival oral squamous cell carcinomas. <i>Journal of Oral Pathology and Medicine</i> , <b>1996</b> , 25, 541-6	3.3	10
16	Overexpression of Platelet-Derived Growth Factor and Its Receptor Are Correlated with Oral Tumorigenesis and Poor Prognosis in Oral Squamous Cell Carcinoma. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	10
15	Eicosanoids and HB-EGF/EGFR in cancer. <i>Cancer and Metastasis Reviews</i> , <b>2018</b> , 37, 385-395	9.6	10
14	Co-targeting of multiple microRNAs on factor-Inhibiting hypoxia-Inducible factor gene for the pathogenesis of head and neck carcinomas. <i>Head and Neck</i> , <b>2016</b> , 38, 522-8	4.2	8

13	Establishment of syngeneic murine model for oral cancer therapy. <i>Oral Oncology</i> , <b>2019</b> , 95, 194-201	4.4	8
12	Activation of the miRNA Cluster Enhances Oncogenicity and Drug Resistance in Oral Carcinoma Cells. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	8
11	Association between areca-stimulated vimentin expression and the progression of head and neck cancers. <i>Head and Neck</i> , <b>2012</b> , 34, 245-53	4.2	7
10	Lysyl oxidase-like 3 mRNA expression indicates poor survival from oral squamous cell carcinoma. <i>Journal of Dental Sciences</i> , <b>2011</b> , 6, 205-209	2.5	7
9	Portland cement induces human periodontal ligament cells to differentiate by upregulating miR-146a. <i>Journal of the Formosan Medical Association</i> , <b>2018</b> , 117, 308-315	3.2	6
8	Detection of Oral Dysplastic and Early Cancerous Lesions by Polarization-Sensitive Optical Coherence Tomography. <i>Cancers</i> , <b>2020</b> , 12,	6.6	6
7	Establishment of a Null Murine Oral Carcinoma Cell Line and the Identification of Genetic Alterations Associated with This Carcinoma. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	4
6	Quantification of structural and microvascular changes for diagnosing early-stage oral cancer. <i>Biomedical Optics Express</i> , <b>2020</b> , 11, 1244-1256	3.5	4
5	LncRNA Drives Oncogenicity by Inhibiting the Limb-Bud and Heart Development Gene () during Oral Carcinoma. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	2
4	- Cascade Modulates Monocarboxylate Transporters to Increase Oncogenicity and Lactate Production of Oral Carcinoma Cells. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	1
3	The upregulation of oncogenic miRNAs in swabbed samples obtained from oral premalignant and malignant lesions. <i>Clinical Oral Investigations</i> , <b>2021</b> , 1	4.2	0
2	Precise Identification of Recurrent Somatic Mutations in Oral Cancer Through Whole-Exome Sequencing Using Multiple Mutation Calling Pipelines.. <i>Frontiers in Oncology</i> , <b>2021</b> , 11, 741626	5.3	
1	A digital photograph study evaluating facial taperness and square face perception of Taiwanese females. <i>Journal of the Chinese Medical Association</i> , <b>2021</b> , 84, 314-319	2.8	