

Ping-Ho Chen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2565897/publications.pdf>

Version: 2024-02-01

195
papers

4,168
citations

126907

33
h-index

189892

50
g-index

206
all docs

206
docs citations

206
times ranked

4559
citing authors

#	ARTICLE	IF	CITATIONS
1	Regulatory effects of noncoding RNAs on the interplay of oxidative stress and autophagy in cancer malignancy and therapy. <i>Seminars in Cancer Biology</i> , 2022, 83, 269-282.	9.6	19
2	Two-thirds anteroposterior ramus length is the preferred osteotomy point for intraoral vertical ramus osteotomy. <i>Clinical Oral Investigations</i> , 2022, 26, 1229-1239.	3.0	2
3	Contact fracture test of monolithic hybrid ceramics on different substrates for bruxism. <i>Dental Materials</i> , 2022, 38, 44-56.	3.5	6
4	Cryptocaryone Promotes ROS-Dependent Antiproliferation and Apoptosis in Ovarian Cancer Cells. <i>Cells</i> , 2022, 11, 641.	4.1	5
5	Antiproliferation- and Apoptosis-Inducible Effects of a Novel Nitrated [6,6,6]Tricyclic Derivative (SK2) on Oral Cancer Cells. <i>Molecules</i> , 2022, 27, 1576.	3.8	4
6	Prognostic value of renal function for upper tract urothelial carcinoma who underwent radical nephroureterectomy: Sex differences. <i>Journal of the Formosan Medical Association</i> , 2022, , .	1.7	4
7	The Use of Customized Three-Dimensionally Printed Mandible Prosthesis with a Pressure-Reducing Device: A Finite Element Analysis in Different Chewing Positions, Biomechanical Testing, and In Vivo Animal Study Using Lanyu Pigs. <i>BioMed Research International</i> , 2022, 2022, 1-31.	1.9	0
8	Oxidative Stress and AKT-Associated Angiogenesis in a Zebrafish Model and Its Potential Application for Withanolides. <i>Cells</i> , 2022, 11, 961.	4.1	8
9	Gingerone A Induces Antiproliferation and Senescence of Breast Cancer Cells. <i>Antioxidants</i> , 2022, 11, 587.	5.1	12
10	Combined Treatment with Cryptocaryone and Ultraviolet C Promotes Antiproliferation and Apoptosis of Oral Cancer Cells. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2981.	4.1	2
11	Brown Algae-Derived Fucoidan Exerts Oxidative Stress-Dependent Antiproliferation on Oral Cancer Cells. <i>Antioxidants</i> , 2022, 11, 841.	5.1	27
12	Impacts of Oxidative Stress and PI3K/AKT/mTOR on Metabolism and the Future Direction of Investigating Fucoidan-Modulated Metabolism. <i>Antioxidants</i> , 2022, 11, 911.	5.1	23
13	Synergistic Antiproliferation of Cisplatin and Nitrated [6,6,6]Tricyclic Derivative (SK2) for a Combined Treatment of Oral Cancer Cells. <i>Antioxidants</i> , 2022, 11, 926.	5.1	3
14	Combined Treatment of Nitrated [6,6,6]Tricyclic Derivative (SK2)/Ultraviolet C Highly Inhibits Proliferation in Oral Cancer Cells In Vitro. <i>Biomedicines</i> , 2022, 10, 1196.	3.2	0
15	The correlation between surgical reference points: antilingula, lingula, and mandibular foramen. <i>Journal of Stomatology, Oral and Maxillofacial Surgery</i> , 2021, 122, 535-538.	1.3	6
16	The Effectiveness of a Board Game-Based Oral Hygiene Education Program on Oral Hygiene Knowledge and Plaque Index of Adults with Intellectual Disability: A Pilot Study. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 946.	2.6	6
17	Targeted Isolation of Xenicane Diterpenoids From Taiwanese Soft Coral <i>Asterospicularia laurae</i> . <i>Marine Drugs</i> , 2021, 19, 123.	4.6	4
18	Physalis peruviana-Derived Physapruin A (PHA) Inhibits Breast Cancer Cell Proliferation and Induces Oxidative-Stress-Mediated Apoptosis and DNA Damage. <i>Antioxidants</i> , 2021, 10, 393.	5.1	20

#	ARTICLE	IF	CITATIONS
19	Morphology of Sella Turcica and Bridging Prevalence Correlated with Sex and Craniofacial Skeletal Pattern in Eastern Asia Population: CBCT Study. <i>BioMed Research International</i> , 2021, 2021, 1-13.	1.9	7
20	Sagittal Split Ramus Osteotomy in the Shortest Buccal Bone Marrow Distances of the Mandible on the Coronal Plane. <i>BioMed Research International</i> , 2021, 2021, 1-11.	1.9	0
21	<i>Tribulus terrestris</i> fruit extract inhibits autophagic flux to diminish cell proliferation and metastatic characteristics of oral cancer cells. <i>Environmental Toxicology</i> , 2021, 36, 1173-1180.	4.0	16
22	Manoalide Shows Mutual Interaction between Cellular and Mitochondrial Reactive Species with Apoptosis in Oral Cancer Cells. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-16.	4.0	4
23	Risk Assessment for Heroin Use and Craving Score Using Polygenic Risk Score. <i>Journal of Personalized Medicine</i> , 2021, 11, 259.	2.5	5
24	Oxidative Stress-Dependent Synergistic Antiproliferation, Apoptosis, and DNA Damage of Ultraviolet-C and Coral-Derived Sinularin Combined Treatment for Oral Cancer Cells. <i>Cancers</i> , 2021, 13, 2450.	3.7	9
25	Dental Treatment Needs and Related Risk Factors among School Children with Special Needs in Taiwan. <i>Journal of Personalized Medicine</i> , 2021, 11, 452.	2.5	5
26	A retrospective study on sex difference in patients with urolithiasis: who is more vulnerable to chronic kidney disease?. <i>Biology of Sex Differences</i> , 2021, 12, 40.	4.1	12
27	Comparison of Antioxidant and Anticancer Properties of Soft Coral-Derived Sinularin and Dihydrosinularin. <i>Molecules</i> , 2021, 26, 3853.	3.8	9
28	Genetic and Proteomic Linkage of MAO and COMT with Oral Potentially Malignant Disorders and Cancers of the Oral Cavity and Pharynx. <i>Cancers</i> , 2021, 13, 3268.	3.7	1
29	Withaferin a Triggers Apoptosis and DNA Damage in Bladder Cancer J82 Cells through Oxidative Stress. <i>Antioxidants</i> , 2021, 10, 1063.	5.1	13
30	Pomegranate Extract (POMx) Induces Mitochondrial Dysfunction and Apoptosis of Oral Cancer Cells. <i>Antioxidants</i> , 2021, 10, 1117.	5.1	17
31	Decreased Tongue Pressure Associated with Aging, Chewing and Swallowing Difficulties of Community-Dwelling Older Adults in Taiwan. <i>Journal of Personalized Medicine</i> , 2021, 11, 653.	2.5	10
32	Nepenthes Extract Induces Selective Killing, Necrosis, and Apoptosis in Oral Cancer Cells. <i>Journal of Personalized Medicine</i> , 2021, 11, 871.	2.5	4
33	Changes in Pharyngeal Airway Space and Craniocervical Angle after Anterior Bimaxillary Subapical Osteotomy. <i>BioMed Research International</i> , 2021, 2021, 1-7.	1.9	1
34	CD44 Promotes Lung Cancer Cell Metastasis through ERK-ZEB1 Signaling. <i>Cancers</i> , 2021, 13, 4057.	3.7	14
35	Soft Coral-Derived Dihydrosinularin Exhibits Antiproliferative Effects Associated with Apoptosis and DNA Damage in Oral Cancer Cells. <i>Pharmaceutics</i> , 2021, 14, 994.	3.8	4
36	Investigation of the Effectiveness of Surgical Treatment on Maxillary Medication-Related Osteonecrosis of the Jaw: A Literature Review. <i>Journal of Clinical Medicine</i> , 2021, 10, 4480.	2.4	3

#	ARTICLE	IF	CITATIONS
37	Burmannic Acid Inhibits Proliferation and Induces Oxidative Stress Response of Oral Cancer Cells. <i>Antioxidants</i> , 2021, 10, 1588.	5.1	11
38	The Predictive Value of Systemic Immune-Inflammation Index on Bladder Recurrence on Upper Tract Urothelial Carcinoma Outcomes after Radical Nephroureterectomy. <i>Journal of Clinical Medicine</i> , 2021, 10, 5273.	2.4	7
39	Tris-(2-pyridyl)-pyrazolyl Borate Zinc(II) Complexes: Synthesis, DNA/Protein Binding and In Vitro Cytotoxicity Studies. <i>Molecules</i> , 2021, 26, 7341.	3.8	5
40	Recognizing the peak bone mass (age 30) as a cutoff point to achieve the success of orthodontic implants. <i>Odontology / the Society of the Nippon Dental University</i> , 2020, 108, 503-510.	1.9	2
41	Antimycin A shows selective antiproliferation to oral cancer cells by oxidative stress-mediated apoptosis and DNA damage. <i>Environmental Toxicology</i> , 2020, 35, 1212-1224.	4.0	11
42	Low Dose Combined Treatment with Ultraviolet-C and Withaferin a Enhances Selective Killing of Oral Cancer Cells. <i>Antioxidants</i> , 2020, 9, 1120.	5.1	18
43	Professional oral care in end-of-life patients with advanced cancers in a hospice ward: improvement of oral conditions. <i>BMC Palliative Care</i> , 2020, 19, 181.	1.8	10
44	CYP26A1 Is a Novel Biomarker for Betel Quid-Related Oral and Pharyngeal Cancers. <i>Diagnostics</i> , 2020, 10, 982.	2.6	3
45	Methanol Extract of <i>Usnea barbata</i> Induces Cell Killing, Apoptosis, and DNA Damage against Oral Cancer Cells through Oxidative Stress. <i>Antioxidants</i> , 2020, 9, 694.	5.1	26
46	Withanolide C Inhibits Proliferation of Breast Cancer Cells via Oxidative Stress-Mediated Apoptosis and DNA Damage. <i>Antioxidants</i> , 2020, 9, 873.	5.1	15
47	Combined Treatment with Low Cytotoxic Ethyl Acetate <i>Nepenthes</i> Extract and Ultraviolet-C Improves Antiproliferation to Oral Cancer Cells via Oxidative Stress. <i>Antioxidants</i> , 2020, 9, 876.	5.1	9
48	Combined Treatment of Sulfonyl Chromen-4-Ones (CHW09) and Ultraviolet-C (UVC) Enhances Proliferation Inhibition, Apoptosis, Oxidative Stress, and DNA Damage against Oral Cancer Cells. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6443.	4.1	17
49	Low Concentration of Withaferin a Inhibits Oxidative Stress-Mediated Migration and Invasion in Oral Cancer Cells. <i>Biomolecules</i> , 2020, 10, 777.	4.0	29
50	Pomegranate extract inhibits migration and invasion of oral cancer cells by downregulating matrix metalloproteinase-9 and epithelial-mesenchymal transition. <i>Environmental Toxicology</i> , 2020, 35, 673-682.	4.0	14
51	Cone beam computed tomographic analysis of the spatial limitation during mandibular arch distalization. <i>BMC Medical Imaging</i> , 2020, 20, 39.	2.7	7
52	Influence of cavity depth and restoration of non-carious cervical root lesions on strain distribution from various loading sites. <i>BMC Oral Health</i> , 2020, 20, 98.	2.3	12
53	Oxidative stress-modulating drugs have preferential anticancer effects - involving the regulation of apoptosis, DNA damage, endoplasmic reticulum stress, autophagy, metabolism, and migration. <i>Seminars in Cancer Biology</i> , 2019, 58, 109-117.	9.6	144
54	Kinome-Wide Screening with Small Interfering RNA Identified Polo-like Kinase 1 as a Key Regulator of Proliferation in Oral Cancer Cells. <i>Cancers</i> , 2019, 11, 1117.	3.7	15

#	ARTICLE	IF	CITATIONS
55	<p><p>Ethyl acetate extracts of Nepenthes ventricosa x sibuyanensis leaves cause growth inhibition against oral cancer cells via oxidative stress</p>. OncoTargets and Therapy, 2019, Volume 12, 5227-5239.</p>	2.0	1
56	Antiproliferation for Breast Cancer Cells by Ethyl Acetate Extract of <i>Nepenthes thorellii</i> x (<i>ventricosa</i> x <i>maxima</i>). International Journal of Molecular Sciences, 2019, 20, 3238.	4.1	19
57	Application of simulation-based CYP26 SNP-environment barcodes for evaluating the occurrence of oral malignant disorders by odds ratio-based binary particle swarm optimization: A case-control study in the Taiwanese population. PLoS ONE, 2019, 14, e0220719.	2.5	3
58	Manoalide Preferentially Provides Antiproliferation of Oral Cancer Cells by Oxidative Stress-Mediated Apoptosis and DNA Damage. Cancers, 2019, 11, 1303.	3.7	40
59	Xanthium strumarium Fruit Extract Inhibits ATG4B and Diminishes the Proliferation and Metastatic Characteristics of Colorectal Cancer Cells. Toxins, 2019, 11, 313.	3.4	22
60	Ethyl Acetate Extract of <i>Nepenthes ventricosa</i> x <i>maxima</i> Exerts Preferential Killing to Oral Cancer Cells. DNA and Cell Biology, 2019, 38, 763-772.	1.9	7
61	Sulfonyl chromen-4-ones (CHW09) shows an additive effect to inhibit cell growth of X-ray irradiated oral cancer cells, involving apoptosis and ROS generation. International Journal of Radiation Biology, 2019, 95, 1226-1235.	1.8	9
62	Ethyl acetate extract of <i>Nepenthes adrianae</i> x <i>clipeata</i> induces antiproliferation, apoptosis, and DNA damage against oral cancer cells through oxidative stress. Environmental Toxicology, 2019, 34, 891-901.	4.0	19
63	LY303511 displays antiproliferation potential against oral cancer cells in vitro and in vivo. Environmental Toxicology, 2019, 34, 958-967.	4.0	6
64	Comparison of Pharyngeal Airway between Mandibular Setback Surgery Patients (Skeletal Class III) and Nonsurgery Patients (Skeletal Classes I and II). BioMed Research International, 2019, 2019, 1-6.	1.9	4
65	Decision Theory-Based COI-SNP Tagging Approach for 126 Scombriformes Species Tagging. Frontiers in Genetics, 2019, 10, 259.	2.3	5
66	The effect of low-level laser irradiation on hyperglycemia-induced inflammation in human gingival fibroblasts. Lasers in Medical Science, 2019, 34, 913-920.	2.1	21
67	Betel Quid Chewing, Personality and Mood: Betel Quid Chewing Associated with Low Extraversion and Negative Mood. Substance Use and Misuse, 2018, 53, 1782-1787.	1.4	14
68	Decision Tree Algorithm-Generated Single-Nucleotide Polymorphism Barcodes of <i>rbcL</i> Genes for 38 Brassicaceae Species Tagging. Evolutionary Bioinformatics, 2018, 14, 117693431876085.	1.2	5
69	Overexpression of sprout2 in human oral squamous cell carcinogenesis. Archives of Oral Biology, 2018, 87, 131-142.	1.8	6
70	Hydroxywithanolide E selectively induces oxidative DNA damage for selective killing of oral cancer cells. Environmental Toxicology, 2018, 33, 295-304.	4.0	20
71	Anti-inflammatory effects of low-level laser therapy on human periodontal ligament cells: in vitro study. Lasers in Medical Science, 2018, 33, 469-477.	2.1	39
72	[Regular Paper] Decision Theory-Based DNA Barcoding Through Quick Response Code Representation. , 2018, , .		0

#	ARTICLE	IF	CITATIONS
73	Map1lc3b and Sqstm1 Modulated Autophagy for Tumorigenesis and Prognosis in Certain Subsites of Oral Squamous Cell Carcinoma. <i>Journal of Clinical Medicine</i> , 2018, 7, 478.	2.4	27
74	Hybrid High Exploration Particle Swarm Optimization Algorithm Improves the Prediction of the 2-Dimensional Hydrophobic-Polar Model for Protein Folding. <i>Current Bioinformatics</i> , 2018, 13, 182-192.	1.5	0
75	Evaluation of the mRNA expression levels of integrins $\alpha 3$, $\alpha 5$, $\beta 1$ and $\beta 6$ as tumor biomarkers of oral squamous cell carcinoma. <i>Oncology Letters</i> , 2018, 16, 4773-4781.	1.8	24
76	Translational Medicine in Pulmonary-Renal Crosstalk: Therapeutic Targeting of p-Cresyl Sulfate Triggered Nonspecific ROS and Chemoattractants in Dyspneic Patients with Uremic Lung Injury. <i>Journal of Clinical Medicine</i> , 2018, 7, 266.	2.4	22
77	A novel sulfonyl chromenones (CHW09) preferentially kills oral cancer cells showing apoptosis, oxidative stress, and DNA damage. <i>Environmental Toxicology</i> , 2018, 33, 1195-1203.	4.0	20
78	Drug Repurposing Screening Identifies Tioconazole as an ATG4 Inhibitor that Suppresses Autophagy and Sensitizes Cancer Cells to Chemotherapy. <i>Theranostics</i> , 2018, 8, 830-845.	10.0	106
79	Sinularin Selectively Kills Breast Cancer Cells Showing G2/M Arrest, Apoptosis, and Oxidative DNA Damage. <i>Molecules</i> , 2018, 23, 849.	3.8	46
80	Cumulative receiver operating characteristics for analyzing interaction between tissue visfatin and clinicopathologic factors in breast cancer progression. <i>Cancer Cell International</i> , 2018, 18, 19.	4.1	13
81	Protein folding prediction in the HP model using ions motion optimization with a greedy algorithm. <i>BioData Mining</i> , 2018, 11, 17.	4.0	15
82	Antioxidant Properties of Fractions for Unripe Fruits of <i>Capsicum annum</i> L. var. <i>Conoides</i> . <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2018, 17, 1971-1977.	1.7	2
83	Camptothecin promotes the production of nitric oxide that triggers subsequent S-nitrosoproteome-mediated signaling cascades in endothelial cells. <i>Vascular Pharmacology</i> , 2017, 90, 27-35.	2.1	4
84	<i>Prdx1</i> encoded peroxiredoxin is important for vascular development in zebrafish. <i>FEBS Letters</i> , 2017, 591, 889-902.	2.8	20
85	Low-power laser irradiation inhibits arecoline-induced fibrosis: an in vitro study. <i>International Journal of Oral Science</i> , 2017, 9, 38-42.	8.6	9
86	Sinularin induces oxidative stress-mediated G2/M arrest and apoptosis in oral cancer cells. <i>Environmental Toxicology</i> , 2017, 32, 2124-2132.	4.0	26
87	Implication for second primary cancer from visible oral and oropharyngeal premalignant lesions in betel nut chewing related oral cancer. <i>Head and Neck</i> , 2017, 39, 1428-1435.	2.0	2
88	A Particle Swarm Optimization-Based Approach with Local Search for Predicting Protein Folding. <i>Journal of Computational Biology</i> , 2017, 24, 981-994.	1.6	7
89	Joint Analysis of SNP-SNP-Environment Interactions for Chronic Dialysis by an Improved Branch and Bound Algorithm. <i>Journal of Computational Biology</i> , 2017, 24, 1212-1225.	1.6	6
90	Ablation of ATG4B Suppressed Autophagy and Activated AMPK for Cell Cycle Arrest in Cancer Cells. <i>Cellular Physiology and Biochemistry</i> , 2017, 44, 728-740.	1.6	30

#	ARTICLE	IF	CITATIONS
91	Significant caries and the interactive effects of maternal-related oral hygiene factors in urban preschool children. <i>Journal of Public Health Dentistry</i> , 2017, 77, 188-196.	1.2	8
92	Retrospective analysis of nonendodontic periapical lesions misdiagnosed as endodontic apical periodontitis lesions in a population of Taiwanese patients. <i>Clinical Oral Investigations</i> , 2017, 21, 2077-2082.	3.0	16
93	TRAIL, Wnt, Sonic Hedgehog, TGF β ² , and miRNA Signalings Are Potential Targets for Oral Cancer Therapy. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1523.	4.1	43
94	Adverse Health Effects of Betel Quid and the Risk of Oral and Pharyngeal Cancers. <i>BioMed Research International</i> , 2017, 2017, 1-25.	1.9	63
95	Interaction of MRE11 and Clinicopathologic Characteristics in Recurrence of Breast Cancer: Individual and Cumulated Receiver Operating Characteristic Analyses. <i>BioMed Research International</i> , 2017, 2017, 1-9.	1.9	3
96	Reactive oxygen species mediate soft corals-derived sinuleptolide-induced antiproliferation and DNA damage in oral cancer cells. <i>OncoTargets and Therapy</i> , 2017, Volume 10, 3289-3297.	2.0	27
97	Roe Protein Hydrolysates of Giant Grouper (<i>Epinephelus lanceolatus</i>) Inhibit Cell Proliferation of Oral Cancer Cells Involving Apoptosis and Oxidative Stress. <i>BioMed Research International</i> , 2016, 2016, 1-12.	1.9	16
98	Tenuifolide B from <i>Cinnamomum tenuifolium</i> Stem Selectively Inhibits Proliferation of Oral Cancer Cells via Apoptosis, ROS Generation, Mitochondrial Depolarization, and DNA Damage. <i>Toxins</i> , 2016, 8, 319.	3.4	48
99	P3 α 94: Pharmacogenetic Mechanism of Ace I/D Polymorphism Adversely Responding to ACE Inhibitors in Regulating the ACE Promoter Activity in Neurons. <i>Alzheimer's and Dementia</i> , 2016, 12, P856.	0.8	0
100	Breast cancer-associated high-order SNP-SNP interaction of CXCL12/CXCR4-related genes by an improved multifactor dimensionality reduction (MDR-ER). <i>Oncology Reports</i> , 2016, 36, 1739-1747.	2.6	28
101	Analysis of high-order SNP barcodes in mitochondrial D-loop for chronic dialysis susceptibility. <i>Journal of Biomedical Informatics</i> , 2016, 63, 112-119.	4.3	12
102	Mitochondrial Fission Increases Apoptosis and Decreases Autophagy in Renal Proximal Tubular Epithelial Cells Treated with High Glucose. <i>DNA and Cell Biology</i> , 2016, 35, 657-665.	1.9	27
103	Butanol-Partitioned Extraction from Aqueous Extract of <i>Gracilaria tenuistipitata</i> Inhibits Cell Proliferation of Oral Cancer Cells Involving Apoptosis and Oxidative Stress. <i>DNA and Cell Biology</i> , 2016, 35, 210-216.	1.9	2
104	DNA methylation, histone acetylation and methylation of epigenetic modifications as a therapeutic approach for cancers. <i>Cancer Letters</i> , 2016, 373, 185-192.	7.2	82
105	Antiproliferation of <i>Cryptocarya concinna</i> -derived cryptocaryone against oral cancer cells involving apoptosis, oxidative stress, and DNA damage. <i>BMC Complementary and Alternative Medicine</i> , 2016, 16, 94.	3.7	25
106	Synergistic anti-oral cancer effects of UVC and methanolic extracts of <i>Cryptocarya concinna</i> roots via apoptosis, oxidative stress and DNA damage. <i>International Journal of Radiation Biology</i> , 2016, 92, 263-272.	1.8	11
107	Sinuleptolide inhibits proliferation of oral cancer Ca9-22 cells involving apoptosis, oxidative stress, and DNA damage. <i>Archives of Oral Biology</i> , 2016, 66, 147-154.	1.8	24
108	RelA-Mediated BECN1 Expression Is Required for Reactive Oxygen Species-Induced Autophagy in Oral Cancer Cells Exposed to Low-Power Laser Irradiation. <i>PLoS ONE</i> , 2016, 11, e0160586.	2.5	13

#	ARTICLE	IF	CITATIONS
109	Characterization of a Novel Dermal Fibrosis Model Induced by Areca Nut Extract that Mimics Oral Submucous Fibrosis. <i>PLoS ONE</i> , 2016, 11, e0166454.	2.5	15
110	<i>Lactobacillus acidophilus</i> attenuates Salmonella-induced intestinal inflammation via TGF- β 2 signaling. <i>BMC Microbiology</i> , 2015, 15, 203.	3.3	48
111	New Adipose Tissue Formation by Human Adipose-Derived Stem Cells with Hyaluronic Acid Gel in Immunodeficient Mice. <i>International Journal of Medical Sciences</i> , 2015, 12, 154-162.	2.5	25
112	Epigenetic mechanisms in cancer: push and pull between kneaded erasers and fate writers. <i>International Journal of Nanomedicine</i> , 2015, 10, 3183.	6.7	9
113	High Order Gene-Gene Interactions in Eight Single Nucleotide Polymorphisms of Renin-Angiotensin System Genes for Hypertension Association Study. <i>BioMed Research International</i> , 2015, 2015, 1-11.	1.9	16
114	Association Study between Novel CYP26 Polymorphisms and the Risk of Betel Quid-Related Malignant Oral Disorders. <i>Scientific World Journal</i> , The, 2015, 2015, 1-9.	2.1	7
115	The Combinational Polymorphisms of <i>ORAI1</i> Gene Are Associated with Preventive Models of Breast Cancer in the Taiwanese. <i>BioMed Research International</i> , 2015, 2015, 1-7.	1.9	16
116	Toxicology and Disease/Cancer Therapy in Reactive Oxygen Species-Mediated Drugs and Treatments. <i>Scientific World Journal</i> , The, 2015, 2015, 1-1.	2.1	2
117	Indoxyl Sulfate-Induced Oxidative Stress, Mitochondrial Dysfunction, and Impaired Biogenesis Are Partly Protected by Vitamin C and N-Acetylcysteine. <i>Scientific World Journal</i> , The, 2015, 2015, 1-6.	2.1	35
118	BPIQ, a novel synthetic quinoline derivative, inhibits growth and induces mitochondrial apoptosis of lung cancer cells in vitro and in zebrafish xenograft model. <i>BMC Cancer</i> , 2015, 15, 962.	2.6	30
119	Activation and Inhibition of ATM by Phytochemicals: Awakening and Sleeping the Guardian Angel Naturally. <i>Archivum Immunologiae Et Therapiae Experimentalis</i> , 2015, 63, 357-366.	2.3	5
120	A Systematic Gene-Gene and Gene-Environment Interaction Analysis of DNA Repair Genes <i>XRCC1</i> , <i>XRCC2</i> , <i>XRCC3</i> , <i>XRCC4</i> , and Oral Cancer Risk. <i>OMICS A Journal of Integrative Biology</i> , 2015, 19, 238-247.	2.0	37
121	Concentration effects of grape seed extracts in anti-oral cancer cells involving differential apoptosis, oxidative stress, and DNA damage. <i>BMC Complementary and Alternative Medicine</i> , 2015, 15, 94.	3.7	45
122	Natural Products Mediated Regulation of Oxidative Stress and DNA Damage in Ultraviolet Exposed Skin Cells. <i>Current Pharmaceutical Biotechnology</i> , 2015, 16, 1078-1084.	1.6	11
123	Aqueous Extract of <i>Gracilaria tenuistipitata</i> Suppresses LPS-Induced NF- κ B and MAPK Activation in RAW 264.7 and Rat Peritoneal Macrophages and Exerts Hepatoprotective Effects on Carbon Tetrachloride-Treated Rat. <i>PLoS ONE</i> , 2014, 9, e86557.	2.5	34
124	Nuclear Receptor Subfamily 2 Group F Member 1a (<i>nr2f1a</i>) Is Required for Vascular Development in Zebrafish. <i>PLoS ONE</i> , 2014, 9, e105939.	2.5	19
125	Antiproliferative Effects of Methanolic Extracts of <i>Cryptocarya concinna</i> Hance Roots on Oral Cancer Ca9-22 and CAL 27 Cell Lines Involving Apoptosis, ROS Induction, and Mitochondrial Depolarization. <i>Scientific World Journal</i> , The, 2014, 2014, 1-10.	2.1	14
126	The Influence of Monoamine Oxidase Variants on the Risk of Betel Quid-Associated Oral and Pharyngeal Cancer. <i>Scientific World Journal</i> , The, 2014, 2014, 1-8.	2.1	16

#	ARTICLE	IF	CITATIONS
127	Expression of a Splice Variant of CYP26B1 in Betel Quid-Related Oral Cancer. <i>Scientific World Journal, The</i> , 2014, 2014, 1-8.	2.1	7
128	Hydrogen Sulfide Increases Nitric Oxide Production and Subsequent S-Nitrosylation in Endothelial Cells. <i>Scientific World Journal, The</i> , 2014, 2014, 1-8.	2.1	19
129	Reactive Oxygen Species and Autophagy Modulation in Non-Marine Drugs and Marine Drugs. <i>Marine Drugs</i> , 2014, 12, 5408-5424.	4.6	32
130	5-Azacytidine Induces Anoikis, Inhibits Mammosphere Formation and Reduces Metalloproteinase 9 Activity in MCF-7 Human Breast Cancer Cells. <i>Molecules</i> , 2014, 19, 3149-3159.	3.8	22
131	Brefeldin A Reduces Anchorage-Independent Survival, Cancer Stem Cell Potential and Migration of MDA-MB-231 Human Breast Cancer Cells. <i>Molecules</i> , 2014, 19, 17464-17477.	3.8	35
132	SNP 1772 C > T of HIF-1 α gene associates with breast cancer risk in a Taiwanese population. <i>Cancer Cell International</i> , 2014, 14, 87.	4.1	8
133	Improved Candidate Drug Mining for Alzheimer's Disease. <i>BioMed Research International</i> , 2014, 2014, 1-8.	1.9	2
134	Double-Bottom Chaotic Map Particle Swarm Optimization Based on Chi-Square Test to Determine Gene-Gene Interactions. <i>BioMed Research International</i> , 2014, 2014, 1-10.	1.9	18
135	Identifying association model for single-nucleotide polymorphisms of ORAI1 gene for breast cancer. <i>Cancer Cell International</i> , 2014, 14, 29.	4.1	20
136	Androgen receptor and gene network: Micromechanics reassemble the signaling machinery of TMPRSS2-ERG positive prostate cancer cells. <i>Cancer Cell International</i> , 2014, 14, 34.	4.1	15
137	Identification of SNP barcode biomarkers for genes associated with facial emotion perception using particle swarm optimization algorithm. <i>Annals of General Psychiatry</i> , 2014, 13, 15.	2.7	20
138	Genetic algorithm-generated SNP barcodes of the mitochondrial D-loop for chronic dialysis susceptibility. <i>Mitochondrial DNA</i> , 2014, 25, 231-237.	0.6	19
139	Methanolic Extracts of <i>Solieria robusta</i> Inhibits Proliferation of Oral Cancer Ca9-22 Cells via Apoptosis and Oxidative Stress. <i>Molecules</i> , 2014, 19, 18721-18732.	3.8	39
140	0138...The association of blood lead levels and bone density in different combinational SNP polymorphisms among Taiwan lead workers. <i>Occupational and Environmental Medicine</i> , 2014, 71, A77.3-A78.	2.8	0
141	Betel Chewing and Arecoline Affects Eotaxin-1, Asthma and Lung Function. <i>PLoS ONE</i> , 2014, 9, e91889.	2.5	16
142	Improved branch and bound algorithm for detecting SNP-SNP interactions in breast cancer. <i>Journal of Clinical Bioinformatics</i> , 2013, 3, 4.	1.2	14
143	Particle swarm optimization algorithm for analyzing SNP-SNP interaction of renin-angiotensin system genes against hypertension. <i>Molecular Biology Reports</i> , 2013, 40, 4227-4233.	2.3	32
144	Marine algal natural products with anti-oxidative, anti-inflammatory, and anti-cancer properties. <i>Cancer Cell International</i> , 2013, 13, 55.	4.1	225

#	ARTICLE	IF	CITATIONS
145	Evaluating the performance of fibronectin 1 (FN1), integrin $\alpha 4 \beta 1$ (ITGA4), syndecan-2 (SDC2), and glycoprotein CD44 as the potential biomarkers of oral squamous cell carcinoma (OSCC). <i>Biomarkers</i> , 2013, 18, 63-72.	1.9	56
146	Impact of 24-month fluoride tablet program on children with disabilities in a non-fluoridated country. <i>Research in Developmental Disabilities</i> , 2013, 34, 2598-2605.	2.2	8
147	Evaluation of Breast Cancer Susceptibility Using Improved Genetic Algorithms to Generate Genotype SNP Barcodes. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2013, 10, 361-371.	3.0	50
148	Preventive SNP-SNP interactions in the mitochondrial displacement loop (D-loop) from chronic dialysis patients. <i>Mitochondrion</i> , 2013, 13, 698-704.	3.4	19
149	Comparison of Classification Algorithms with Wrapper-Based Feature Selection for Predicting Osteoporosis Outcome Based on Genetic Factors in a Taiwanese Women Population. <i>International Journal of Endocrinology</i> , 2013, 2013, 1-8.	1.5	22
150	Identifying the Association Rules between Clinicopathologic Factors and Higher Survival Performance in Operation-Centric Oral Cancer Patients Using the Apriori Algorithm. <i>BioMed Research International</i> , 2013, 2013, 1-7.	1.9	23
151	MDR-ER: Balancing Functions for Adjusting the Ratio in Risk Classes and Classification Errors for Imbalanced Cases and Controls Using Multifactor-Dimensionality Reduction. <i>PLoS ONE</i> , 2013, 8, e79387.	2.5	30
152	Cytochrome P450 Metabolism of Betel Quid-Derived Compounds: Implications for the Development of Prevention Strategies for Oral and Pharyngeal Cancers. <i>Scientific World Journal</i> , The, 2013, 2013, 1-11.	2.1	10
153	Golden Berry-Derived 4-hydroxywithanolide E for Selectively Killing Oral Cancer Cells by Generating ROS, DNA Damage, and Apoptotic Pathways. <i>PLoS ONE</i> , 2013, 8, e64739.	2.5	94
154	The Importance of Integrating SNP and Cheminformatics Resources to Pharmacogenomics. <i>Current Drug Metabolism</i> , 2012, 13, 991-999.	1.2	18
155	PCR-RFLP Primer Design Using Particle Swarm Optimization Combined with Chaotic Logistic Map. , ,		0
156	Antiproliferative effects of goniotalamin on Ca9-22 oral cancer cells through apoptosis, DNA damage and ROS induction. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2012, 747, 253-258.	1.7	60
157	Single nucleotide polymorphism barcoding to evaluate oral cancer risk using odds ratio-based genetic algorithms. <i>Kaohsiung Journal of Medical Sciences</i> , 2012, 28, 362-368.	1.9	34
158	An Improved PSO Algorithm for Generating Protective SNP Barcodes in Breast Cancer. <i>PLoS ONE</i> , 2012, 7, e37018.	2.5	45
159	Monoamine oxidase A variants are associated with heavy betel quid use. <i>Addiction Biology</i> , 2012, 17, 786-797.	2.6	22
160	Sequence-Based Polymorphisms in the Mitochondrial D-Loop and Potential SNP Predictors for Chronic Dialysis. <i>PLoS ONE</i> , 2012, 7, e41125.	2.5	34
161	Computational Analysis of Simulated SNP Interactions Between 26 Growth Factor-Related Genes in a Breast Cancer Association Study. <i>OMICS A Journal of Integrative Biology</i> , 2011, 15, 399-407.	2.0	34
162	The use of tobacco-free betel-quid in conjunction with alcohol/tobacco impacts early-onset age and carcinoma distribution for upper aerodigestive tract cancer. <i>Journal of Oral Pathology and Medicine</i> , 2011, 40, 684-692.	2.7	20

#	ARTICLE	IF	CITATIONS
163	CYP26B1 is a novel candidate gene for betel quid-related oral squamous cell carcinoma. <i>Oral Oncology</i> , 2011, 47, 594-600.	1.5	21
164	An Improved Natural PCR-RFLP Primer Design Method. , 2011, , .		0
165	A characterization of the antioxidant enzyme activity and reproductive toxicity in male rats following sub-chronic exposure to areca nut extracts. <i>Journal of Hazardous Materials</i> , 2010, 178, 541-546.	12.4	29
166	Quantification of Blood Betel Quid Alkaloids and Urinary 8-Hydroxydeoxyguanosine in Humans and their Association with Betel Chewing Habits. <i>Journal of Analytical Toxicology</i> , 2010, 34, 325-331.	2.8	30
167	A mismatch PCR-RFLP primer design for SNP genotyping using genetic algorithm. , 2010, , .		0
168	An Introduction to Mitochondrial Informatics. <i>Methods in Molecular Biology</i> , 2010, 628, 259-274.	0.9	1
169	Prim-SNPing: a primer designer for cost-effective SNP genotyping. <i>BioTechniques</i> , 2009, 46, 421-431.	1.8	26
170	Seq-SNPing: Multiple-Alignment Tool for SNP Discovery, SNP ID Identification, and RFLP Genotyping. <i>OMICS A Journal of Integrative Biology</i> , 2009, 13, 253-260.	2.0	13
171	Novel generating protective single nucleotide polymorphism barcode for breast cancer using particle swarm optimization. <i>Cancer Epidemiology</i> , 2009, 33, 147-154.	1.9	24
172	Generating SNP barcode to evaluate SNP-SNP interaction of disease by particle swarm optimization. <i>Computational Biology and Chemistry</i> , 2009, 33, 114-119.	2.3	18
173	Life-Threatening Cardiac Toxicity After Chewing Inverted Nut (Pinang-Wang). <i>Annals of Emergency Medicine</i> , 2009, 54, 757-758.	0.6	6
174	Combinational Polymorphisms of Seven CXCL12-Related Genes Are Protective against Breast Cancer in Taiwan. <i>OMICS A Journal of Integrative Biology</i> , 2009, 13, 165-172.	2.0	70
175	A novel growth hormone 1 gene-derived probe for <i>Oncorhynchus masou formosanus</i> distinguished from the <i>Oncorhynchus</i> subspecies. <i>Molecular and Cellular Probes</i> , 2009, 23, 103-106.	2.1	7
176	Matrix metalloproteinases (MMP) 1 and MMP10 but not MMP12 are potential oral cancer markers. <i>Biomarkers</i> , 2009, 14, 244-249.	1.9	63
177	Fuzzy adaptive particle swarm optimization for a specific primer design problem. , 2009, , .		1
178	Combinational polymorphisms of four DNA repair genes XRCC1, XRCC2, XRCC3, and XRCC4 and their association with oral cancer in Taiwan. <i>Journal of Oral Pathology and Medicine</i> , 2008, 37, 271-277.	2.7	107
179	Antibacterial and antioxidant properties of <i>Ramulus Cinnamomi</i> using supercritical CO2 extraction. <i>European Food Research and Technology</i> , 2008, 227, 1387-1396.	3.3	23
180	High-throughput avian molecular sexing by SYBR green-based real-time PCR combined with melting curve analysis. <i>BMC Biotechnology</i> , 2008, 8, 12.	3.3	54

#	ARTICLE	IF	CITATIONS
181	An improved PCR method for gender identification of eagles. <i>Molecular and Cellular Probes</i> , 2008, 22, 184-188.	2.1	19
182	Odds Ratio-Based Genetic Algorithms for Generating SNP Barcodes of Genotypes to Predict Disease Susceptibility. <i>OMICS A Journal of Integrative Biology</i> , 2008, 12, 71-81.	2.0	24
183	Primer design with specific PCR product size using Memetic algorithm. , 2008, , .		1
184	Up-regulation of Inflammatory Signalings by Areca Nut Extract and Role of <i>Cyclooxygenase-2</i> α^{1195G} ; A Polymorphism Reveal Risk of Oral Cancer. <i>Cancer Research</i> , 2008, 68, 8489-8498.	0.9	64
185	Characterization of Arecoline-Induced Effects on Cytotoxicity in Normal Human Gingival Fibroblasts by Global Gene Expression Profiling. <i>Toxicological Sciences</i> , 2007, 100, 66-74.	3.1	64
186	Important prognostic factors for the long-term survival of subjects with primary liver cancer in Taiwan: A hyperendemic area. <i>European Journal of Cancer</i> , 2007, 43, 1076-1084.	2.8	12
187	Prognostic factors associated with the survival of oral and pharyngeal carcinoma in Taiwan. <i>BMC Cancer</i> , 2007, 7, 101.	2.6	31
188	Prevalence and Associated Factors of Betel Quid Use in the Solomon Islands: A Hyperendemic Area for Oral and Pharyngeal Cancer. <i>American Journal of Tropical Medicine and Hygiene</i> , 2007, 77, 586-590.	1.4	30
189	Prevalence and associated factors of betel quid use in the Solomon Islands: a hyperendemic area for oral and pharyngeal cancer. <i>American Journal of Tropical Medicine and Hygiene</i> , 2007, 77, 586-90.	1.4	13
190	De novo 617G \rightarrow A nucleotide mutation in the ACVR1 gene in a Taiwanese patient with fibrodysplasia ossificans progressiva. <i>Journal of Human Genetics</i> , 2006, 51, 1083-1086.	2.3	26
191	Predictors of betel quid chewing behavior and cessation patterns in Taiwan aborigines. <i>BMC Public Health</i> , 2006, 6, 271.	2.9	73
192	SNP-RFLPing: restriction enzyme mining for SNPs in genomes. <i>BMC Genomics</i> , 2006, 7, 30.	2.8	43
193	Ingredients Contribute to Variation in Production of Reactive Oxygen Species by Areca Quid. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2006, 69, 1055-1069.	2.3	24
194	Important prognostic factors of long-term oropharyngeal carcinoma survivors in Taiwan. <i>Oral Oncology</i> , 2004, 40, 847-855.	1.5	26
195	Effect of the Spatial Arrangement of Floating Builds with Minimum Support on the Microstructural and Mechanical Characteristics of Electron Beam Additively Manufactured Biomedical Ti ϵ 4V Alloys. <i>3D Printing and Additive Manufacturing</i> , 0, , .	2.9	0