

Ping-Ho Chen

List of Publications by Year in Descending Order

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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.

179
papers

2,971
citations

29
h-index

43
g-index

206
ext. papers

3,620
ext. citations

4.4
avg, IF

5.08
L-index

#	Paper	IF	Citations
179	Antiproliferation- and Apoptosis-Inducible Effects of a Novel Nitrated [6,6,6]Tricyclic Derivative (SK2) on Oral Cancer Cells.. <i>Molecules</i> , 2022 , 27,	4.8	2
178	The Use of Customized Three-Dimensionally Printed Mandible Prostheses 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, 9880454	3	
177	Brown Algae-Derived Fucoic Acid Exerts Oxidative Stress-Dependent Antiproliferation on Oral Cancer Cells. <i>Antioxidants</i> , 2022 , 11, 841	7.1	3
176	Impacts of Oxidative Stress and PI3K/AKT/mTOR on Metabolism and the Future Direction of Investigating Fucoic Acid-Modulated Metabolism. <i>Antioxidants</i> , 2022 , 11, 911	7.1	3
175	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	7.1	0
174	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	4.8	
173	Burmese Acid Inhibits Proliferation and Induces Oxidative Stress Response of Oral Cancer Cells. <i>Antioxidants</i> , 2021 , 10,	7.1	3
172	The correlation between surgical reference points: antilingula, lingula, and mandibular foramen. <i>Journal of Stomatology, Oral and Maxillofacial Surgery</i> , 2021 , 122, 535-538	1.7	2
171	-Derived Physapruin A (PHA) Inhibits Breast Cancer Cell Proliferation and Induces Oxidative-Stress-Mediated Apoptosis and DNA Damage. <i>Antioxidants</i> , 2021 , 10,	7.1	4
170	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, 6646406	3	1
169	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, 5586498	3	
168	Tribulus terrestris fruit extract inhibits autophagic flux to diminish cell proliferation and metastatic characteristics of oral cancer cells. <i>Environmental Toxicology</i> , 2021 , 36, 1173-1180	4.2	3
167	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, 6667355	6.7	2
166	Risk Assessment for Heroin Use and Craving Score Using Polygenic Risk Score. <i>Journal of Personalized Medicine</i> , 2021 , 11,	3.6	3
165	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,	6.6	3
164	Dental Treatment Needs and Related Risk Factors among School Children with Special Needs in Taiwan. <i>Journal of Personalized Medicine</i> , 2021 , 11,	3.6	1
163	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	9.3	3

162	Comparison of Antioxidant and Anticancer Properties of Soft Coral-Derived Sinularin and Dihydrosinularin. <i>Molecules</i> , 2021 , 26,	4.8	2
161	Withaferin A Triggers Apoptosis and DNA Damage in Bladder Cancer J82 Cells through Oxidative Stress. <i>Antioxidants</i> , 2021 , 10,	7.1	4
160	Pomegranate Extract (POMx) Induces Mitochondrial Dysfunction and Apoptosis of Oral Cancer Cells. <i>Antioxidants</i> , 2021 , 10,	7.1	5
159	Two-thirds anteroposterior ramus length is the preferred osteotomy point for intraoral vertical ramus osteotomy. <i>Clinical Oral Investigations</i> , 2021 , 1	4.2	0
158	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,	3.6	2
157	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,	4.6	2
156	Extract Induces Selective Killing, Necrosis, and Apoptosis in Oral Cancer Cells. <i>Journal of Personalized Medicine</i> , 2021 , 11,	3.6	3
155	Changes in Pharyngeal Airway Space and Craniocervical Angle after Anterior Bimaxillary Subapical Osteotomy. <i>BioMed Research International</i> , 2021 , 2021, 9978588	3	0
154	CD44 Promotes Lung Cancer Cell Metastasis through ERK-ZEB1 Signaling. <i>Cancers</i> , 2021 , 13,	6.6	3
153	Soft Coral-Derived Dihydrosinularin Exhibits Antiproliferative Effects Associated with Apoptosis and DNA Damage in Oral Cancer Cells. <i>Pharmaceuticals</i> , 2021 , 14,	5.2	1
152	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,	5.1	1
151	Tris-(2-pyridyl)-pyrazolyl Borate Zinc(II) Complexes: Synthesis, DNA/Protein Binding and In Vitro Cytotoxicity Studies. <i>Molecules</i> , 2021 , 26,	4.8	3
150	Low Concentration of Withaferin a Inhibits Oxidative Stress-Mediated Migration and Invasion in Oral Cancer Cells. <i>Biomolecules</i> , 2020 , 10,	5.9	15
149	Pomegranate extract inhibits migration and invasion of oral cancer cells by downregulating matrix metalloproteinase-2/9 and epithelial-mesenchymal transition. <i>Environmental Toxicology</i> , 2020 , 35, 673-682	4.2	6
148	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	3.6	1
147	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	4.2	4
146	Low Dose Combined Treatment with Ultraviolet-C and Withaferin a Enhances Selective Killing of Oral Cancer Cells. <i>Antioxidants</i> , 2020 , 9,	7.1	7
145	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	3	3

144	CYP26A1 Is a Novel Biomarker for Betel Quid-Related Oral and Pharyngeal Cancers. <i>Diagnostics</i> , 2020 , 10,	3.8	1
143	Methanol Extract of Induces Cell Killing, Apoptosis, and DNA Damage against Oral Cancer Cells through Oxidative Stress. <i>Antioxidants</i> , 2020 , 9,	7.1	9
142	Regulatory effects of noncoding RNAs on the interplay of oxidative stress and autophagy in cancer malignancy and therapy. <i>Seminars in Cancer Biology</i> , 2020 ,	12.7	7
141	Withanolide C Inhibits Proliferation of Breast Cancer Cells via Oxidative Stress-Mediated Apoptosis and DNA Damage. <i>Antioxidants</i> , 2020 , 9,	7.1	6
140	Combined Treatment with Low Cytotoxic Ethyl Acetate Extract and Ultraviolet-C Improves Antiproliferation to Oral Cancer Cells via Oxidative Stress. <i>Antioxidants</i> , 2020 , 9,	7.1	5
139	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,	6.3	8
138	Cone beam computed tomographic analysis of the spatial limitation during mandibular arch distalization. <i>BMC Medical Imaging</i> , 2020 , 20, 39	2.9	1
137	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	3.7	3
136	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. <i>PLoS ONE</i> , 2019 , 14, e0220719	3.7	1
135	Manoalide Preferentially Provides Antiproliferation of Oral Cancer Cells by Oxidative Stress-Mediated Apoptosis and DNA Damage. <i>Cancers</i> , 2019 , 11,	6.6	23
134	Xanthium strumarium Fruit Extract Inhibits ATG4B and Diminishes the Proliferation and Metastatic Characteristics of Colorectal Cancer Cells. <i>Toxins</i> , 2019 , 11,	4.9	13
133	Ethyl Acetate Extract of Exerts Preferential Killing to Oral Cancer Cells. <i>DNA and Cell Biology</i> , 2019 , 38, 763-772	3.6	5
132	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. <i>International Journal of Radiation Biology</i> , 2019 , 95, 1226-1235	2.9	7
131	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. <i>Environmental Toxicology</i> , 2019 , 34, 891-901	4.2	15
130	LY303511 displays antiproliferation potential against oral cancer cells in vitro and in vivo. <i>Environmental Toxicology</i> , 2019 , 34, 958-967	4.2	3
129	Comparison of Pharyngeal Airway between Mandibular Setback Surgery Patients (Skeletal Class III) and Nonsurgery Patients (Skeletal Classes I and II). <i>BioMed Research International</i> , 2019 , 2019, 5012037	3	0
128	Decision Theory-Based COI-SNP Tagging Approach for 126 Scombriformes Species Tagging. <i>Frontiers in Genetics</i> , 2019 , 10, 259	4.5	1
127	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	12.7	89

126	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,	6.6	6
125	Ethyl acetate extracts of leaves cause growth inhibition against oral cancer cells via oxidative stress. <i>OncoTargets and Therapy</i> , 2019 , 12, 5227-5239	4.4	1
124	Antiproliferation for Breast Cancer Cells by Ethyl Acetate Extract of x (x). <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	12
123	The effect of low-level laser irradiation on hyperglycemia-induced inflammation in human gingival fibroblasts. <i>Lasers in Medical Science</i> , 2019 , 34, 913-920	3.1	14
122	Betel Quid Chewing, Personality and Mood: Betel Quid Chewing Associated with Low Extraversion and Negative Mood. <i>Substance Use and Misuse</i> , 2018 , 53, 1782-1787	2.2	11
121	Decision Tree Algorithm-Generated Single-Nucleotide Polymorphism Barcodes of Genes for 38 Brassicaceae Species Tagging. <i>Evolutionary Bioinformatics</i> , 2018 , 14, 1176934318760856	1.9	4
120	Overexpression of sprout2 in human oral squamous cell carcinogenesis. <i>Archives of Oral Biology</i> , 2018 , 87, 131-142	2.8	4
119	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	12.1	70
118	Sinularin Selectively Kills Breast Cancer Cells Showing G2/M Arrest, Apoptosis, and Oxidative DNA Damage. <i>Molecules</i> , 2018 , 23,	4.8	33
117	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	6.4	9
116	Protein folding prediction in the HP model using ions motion optimization with a greedy algorithm. <i>BioData Mining</i> , 2018 , 11, 17	4.3	10
115	Antioxidant Properties of Fractions for Unripe Fruits of Capsicum annum L. var. Conoides. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2018 , 17, 1971-1977	2.2	2
114	4E-Hydroxywithanolide E selectively induces oxidative DNA damage for selective killing of oral cancer cells. <i>Environmental Toxicology</i> , 2018 , 33, 295-304	4.2	13
113	Anti-inflammatory effects of low-level laser therapy on human periodontal ligament cells: in vitro study. <i>Lasers in Medical Science</i> , 2018 , 33, 469-477	3.1	22
112	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,	5.1	18
111	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	4.7	
110	Evaluation of the mRNA expression levels of integrins β_1 , β_2 , β_3 and β_4 as tumor biomarkers of oral squamous cell carcinoma. <i>Oncology Letters</i> , 2018 , 16, 4773-4781	2.6	16
109	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,	5.1	13

108	A novel sulfonyl chromen-4-ones (CHW09) preferentially kills oral cancer cells showing apoptosis, oxidative stress, and DNA damage. <i>Environmental Toxicology</i> , 2018 , 33, 1195-1203	4.2	14
107	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	5.9	4
106	Prdx1-encoded peroxiredoxin is important for vascular development in zebrafish. <i>FEBS Letters</i> , 2017 , 591, 889-902	3.8	13
105	Low-power laser irradiation inhibits arecoline-induced fibrosis: an in vitro study. <i>International Journal of Oral Science</i> , 2017 , 9, 38-42	27.9	5
104	Sinularin induces oxidative stress-mediated G2/M arrest and apoptosis in oral cancer cells. <i>Environmental Toxicology</i> , 2017 , 32, 2124-2132	4.2	17
103	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	4.2	1
102	A Particle Swarm Optimization-Based Approach with Local Search for Predicting Protein Folding. <i>Journal of Computational Biology</i> , 2017 , 24, 981-994	1.7	6
101	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, 2563910	3	3
100	Reactive oxygen species mediate soft corals-derived sinuleptolide-induced antiproliferation and DNA damage in oral cancer cells. <i>OncoTargets and Therapy</i> , 2017 , 10, 3289-3297	4.4	24
99	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	1.7	5
98	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	3.9	23
97	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	1.6	5
96	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	4.3	10
95	TRAIL, Wnt, Sonic Hedgehog, TGF β and miRNA Signalings Are Potential Targets for Oral Cancer Therapy. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	16
94	Adverse Health Effects of Betel Quid and the Risk of Oral and Pharyngeal Cancers. <i>BioMed Research International</i> , 2017 , 2017, 3904098	3	39
93	Analysis of high-order SNP barcodes in mitochondrial D-loop for chronic dialysis susceptibility. <i>Journal of Biomedical Informatics</i> , 2016 , 63, 112-119	10.2	8
92	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	3.6	18
91	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, 210-6	3.6	2

90	DNA methylation, histone acetylation and methylation of epigenetic modifications as a therapeutic approach for cancers. <i>Cancer Letters</i> , 2016 , 373, 185-92	9.9	66
89	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	4.7	19
88	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, 263-72	2.9	9
87	Sinuleptolide inhibits proliferation of oral cancer Ca9-22 cells involving apoptosis, oxidative stress, and DNA damage. <i>Archives of Oral Biology</i> , 2016 , 66, 147-54	2.8	22
86	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	3.7	11
85	Characterization of a Novel Dermal Fibrosis Model Induced by Areca Nut Extract that Mimics Oral Submucous Fibrosis. <i>PLoS ONE</i> , 2016 , 11, e0166454	3.7	10
84	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, 8305073	3	9
83	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, 8,	4.9	38
82	P3-094: Pharmacogenetic Mechanism of Ace I/D Polymorphism Adversely Responding to ACE Inhibitors in Regulating the ACE Promoter Activity in Neurons 2016 , 12, P856-P856		
81	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, 1739-47	3.5	22
80	Activation and Inhibition of ATM by Phytochemicals: Awakening and Sleeping the Guardian Angel Naturally. <i>Archivum Immunologiae Et Therapiae Experimentalis</i> , 2015 , 63, 357-66	4	5
79	A systematic gene-gene and gene-environment interaction analysis of DNA repair genes XRCC1, XRCC2, XRCC3, XRCC4, and oral cancer risk. <i>OMICS A Journal of Integrative Biology</i> , 2015 , 19, 238-47	3.8	31
78	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	4.7	38
77	<i>Lactobacillus acidophilus</i> attenuates Salmonella-induced intestinal inflammation via TGF- β signaling. <i>BMC Microbiology</i> , 2015 , 15, 203	4.5	35
76	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, 154-62	3.7	20
75	Epigenetic mechanisms in cancer: push and pull between kneaded erasers and fate writers. <i>International Journal of Nanomedicine</i> , 2015 , 10, 3183-91	7.3	7
74	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, 454091	3	13
73	Association study between novel CYP26 polymorphisms and the risk of betel quid-related malignant oral disorders. <i>Scientific World Journal, The</i> , 2015 , 2015, 160185	2.2	6

72	The Combinational Polymorphisms of ORAI1 Gene Are Associated with Preventive Models of Breast Cancer in the Taiwanese. <i>BioMed Research International</i> , 2015 , 2015, 281263	3	11
71	Indoxyl sulfate-induced oxidative stress, mitochondrial dysfunction, and impaired biogenesis are partly protected by vitamin C and N-acetylcysteine. <i>Scientific World Journal, The</i> , 2015 , 2015, 620826	2.2	31
70	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	4.8	23
69	Natural Products Mediated Regulation of Oxidative Stress and DNA Damage in Ultraviolet Exposed Skin Cells. <i>Current Pharmaceutical Biotechnology</i> , 2015 , 16, 1078-84	2.6	8
68	Identifying association model for single-nucleotide polymorphisms of ORAI1 gene for breast cancer. <i>Cancer Cell International</i> , 2014 , 14, 29	6.4	17
67	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	6.4	13
66	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	3.4	11
65	Genetic algorithm-generated SNP barcodes of the mitochondrial D-loop for chronic dialysis susceptibility. <i>Mitochondrial DNA</i> , 2014 , 25, 231-7		14
64	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, 18721-32	4.8	33
63	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		21
62	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	3.7	30
61	Nuclear receptor subfamily 2 group F member 1a (nr2f1a) is required for vascular development in zebrafish. <i>PLoS ONE</i> , 2014 , 9, e105939	3.7	13
60	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, The</i> , 2014 , 2014, 180462	2.2	11
59	The influence of monoamine oxidase variants on the risk of betel quid-associated oral and pharyngeal cancer. <i>Scientific World Journal, The</i> , 2014 , 2014, 183548	2.2	11
58	Expression of a splice variant of CYP26B1 in betel quid-related oral cancer. <i>Scientific World Journal, The</i> , 2014 , 2014, 810561	2.2	5
57	Hydrogen sulfide increases nitric oxide production and subsequent S-nitrosylation in endothelial cells. <i>Scientific World Journal, The</i> , 2014 , 2014, 480387	2.2	15
56	Reactive oxygen species and autophagy modulation in non-marine drugs and marine drugs. <i>Marine Drugs</i> , 2014 , 12, 5408-24	6	28
55	5-azacytidine induces anoikis, inhibits mammosphere formation and reduces metalloproteinase 9 activity in MCF-7 human breast cancer cells. <i>Molecules</i> , 2014 , 19, 3149-59	4.8	17

54	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, 17464-77	4.8	28
53	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	6.4	7
52	Improved candidate drug mining for Alzheimer's disease. <i>BioMed Research International</i> , 2014 , 2014, 897653	3	2
51	Double-bottom chaotic map particle swarm optimization based on chi-square test to determine gene-gene interactions. <i>BioMed Research International</i> , 2014 , 2014, 172049	3	13
50	Betel chewing and arecoline affects eotaxin-1, asthma and lung function. <i>PLoS ONE</i> , 2014 , 9, e91889	3.7	10
49	Improved branch and bound algorithm for detecting SNP-SNP interactions in breast cancer. <i>Journal of Clinical Bioinformatics</i> , 2013 , 3, 4		13
48	Particle swarm optimization algorithm for analyzing SNP-SNP interaction of renin-angiotensin system genes against hypertension. <i>Molecular Biology Reports</i> , 2013 , 40, 4227-33	2.8	23
47	Marine algal natural products with anti-oxidative, anti-inflammatory, and anti-cancer properties. <i>Cancer Cell International</i> , 2013 , 13, 55	6.4	176
46	Evaluating the performance of fibronectin 1 (FN1), integrin $\alpha 4$ (ITGA4), syndecan-2 (SDC2), and glycoprotein CD44 as the potential biomarkers of oral squamous cell carcinoma (OSCC). <i>Biomarkers</i> , 2013 , 18, 63-72	2.6	43
45	Impact of 24-month fluoride tablet program on children with disabilities in a non-fluoridated country. <i>Research in Developmental Disabilities</i> , 2013 , 34, 2598-605	2.7	3
44	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, 361-71	3	38
43	Preventive SNP-SNP interactions in the mitochondrial displacement loop (D-loop) from chronic dialysis patients. <i>Mitochondrion</i> , 2013 , 13, 698-704	4.9	18
42	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, 850735	2.7	15
41	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, 359634	3	13
40	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	3.7	25
39	Cytochrome p450 metabolism of betel quid-derived compounds: implications for the development of prevention strategies for oral and pharyngeal cancers. <i>Scientific World Journal, The</i> , 2013 , 2013, 618032	2.2	9
38	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	3.7	72
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