

Hsueh-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.

218 papers	4,997 citations	35 h-index	59 g-index
234 ext. papers	5,869 ext. citations	4.2 avg, IF	5.41 L-index

#	Paper	IF	Citations
218	Improved binary PSO for feature selection using gene expression data. <i>Computational Biology and Chemistry</i> , 2008 , 32, 29-37	3.6	365
217	Diverse tumorigenic pathways in ovarian serous carcinoma. <i>American Journal of Pathology</i> , 2002 , 160, 1223-8	5.8	280
216	Marine algal natural products with anti-oxidative, anti-inflammatory, and anti-cancer properties. <i>Cancer Cell International</i> , 2013 , 13, 55	6.4	176
215	Assessment of plasma DNA levels, allelic imbalance, and CA 125 as diagnostic tests for cancer. <i>Journal of the National Cancer Institute</i> , 2002 , 94, 1697-703	9.7	102
214	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, 271-7	3.3	93
213	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
212	Identification of anti-lung cancer extract from <i>Chlorella vulgaris</i> C-C by antioxidant property using supercritical carbon dioxide extraction. <i>Process Biochemistry</i> , 2010 , 45, 1865-1872	4.8	83
211	Anticancer drugs for the modulation of endoplasmic reticulum stress and oxidative stress. <i>Tumor Biology</i> , 2015 , 36, 5743-52	2.9	81
210	Natural Products: Bioactivity, Biochemistry, and Biological Effects in Cancer and Disease Therapy. <i>Scientific World Journal, The</i> , 2013 , 2013, 1-1	2.2	78
209	Anti-proliferative effect of methanolic extract of <i>Gracilaria tenuistipitata</i> on oral cancer cells involves apoptosis, DNA damage, and oxidative stress. <i>BMC Complementary and Alternative Medicine</i> , 2012 , 12, 142	4.7	72
208	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
207	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
206	Antiproliferation and induction of apoptosis in Ca9-22 oral cancer cells by ethanolic extract of <i>Gracilaria tenuistipitata</i> . <i>Molecules</i> , 2012 , 17, 10916-27	4.8	70
205	Isolation and identification of mesenchymal stem cells from human lipoma tissue. <i>Biochemical and Biophysical Research Communications</i> , 2007 , 361, 883-9	3.4	69
204	Combinational polymorphisms of seven CXCL12-related genes are protective against breast cancer in Taiwan. <i>OMICS A Journal of Integrative Biology</i> , 2009 , 13, 165-72	3.8	67
203	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
202	Goniothalamin inhibits growth of human lung cancer cells through DNA damage, apoptosis, and reduced migration ability. <i>Journal of Agricultural and Food Chemistry</i> , 2011 , 59, 4288-93	5.7	64

201	Long noncoding RNAs-related diseases, cancers, and drugs. <i>Scientific World Journal, The</i> , 2013 , 2013, 943539	2.2	62
200	4beta-Hydroxywithanolide E from <i>Physalis peruviana</i> (golden berry) inhibits growth of human lung cancer cells through DNA damage, apoptosis and G2/M arrest. <i>BMC Cancer</i> , 2010 , 10, 46	4.8	62
199	Obtusilactone A and (-)-sesamin induce apoptosis in human lung cancer cells by inhibiting mitochondrial Lon protease and activating DNA damage checkpoints. <i>Cancer Science</i> , 2010 , 101, 2612-20	6.9	60
198	Antiproliferative effects of goniothalamin on Ca9-22 oral cancer cells through apoptosis, DNA damage and ROS induction. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2012 , 747, 253-8	3	56
197	(-)-Anonaine induces DNA damage and inhibits growth and migration of human lung carcinoma h1299 cells. <i>Journal of Agricultural and Food Chemistry</i> , 2011 , 59, 2284-90	5.7	55
196	Anti-metastatic activities of <i>Antrodia camphorata</i> against human breast cancer cells mediated through suppression of the MAPK signaling pathway. <i>Food and Chemical Toxicology</i> , 2011 , 49, 290-8	4.7	54
195	Matrix metalloproteinases (MMP) 1 and MMP10 but not MMP12 are potential oral cancer markers. <i>Biomarkers</i> , 2009 , 14, 244-9	2.6	52
194	Withaferin A Induces Oxidative Stress-Mediated Apoptosis and DNA Damage in Oral Cancer Cells. <i>Frontiers in Physiology</i> , 2017 , 8, 634	4.6	50
193	Chemical composition and antibacterial activities of <i>Illicium verum</i> against antibiotic-resistant pathogens. <i>Journal of Medicinal Food</i> , 2010 , 13, 1254-62	2.8	50
192	Aqueous extracts of the edible <i>Gracilaria tenuistipitata</i> are protective against H ₂ O ₂ -induced DNA damage, growth inhibition, and cell cycle arrest. <i>Molecules</i> , 2012 , 17, 7241-54	4.8	45
191	High-throughput avian molecular sexing by SYBR green-based real-time PCR combined with melting curve analysis. <i>BMC Biotechnology</i> , 2008 , 8, 12	3.5	45
190	Flavokawain B inhibits growth of human squamous carcinoma cells: Involvement of apoptosis and cell cycle dysregulation in vitro and in vivo. <i>Journal of Nutritional Biochemistry</i> , 2012 , 23, 368-78	6.3	44
189	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
188	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
187	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
186	An improved PSO algorithm for generating protective SNP barcodes in breast cancer. <i>PLoS ONE</i> , 2012 , 7, e37018	3.7	38
185	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,	4.9	38
184	<i>Lactobacillus acidophilus</i> attenuates Salmonella-induced intestinal inflammation via TGF- β signaling. <i>BMC Microbiology</i> , 2015 , 15, 203	4.5	35

183	Inhibitory effects of <i>Physalis angulata</i> on tumor metastasis and angiogenesis. <i>Journal of Ethnopharmacology</i> , 2011 , 135, 762-71	5	35
182	SNP-RFLPing: restriction enzyme mining for SNPs in genomes. <i>BMC Genomics</i> , 2006 , 7, 30	4.5	35
181	Fern plant-derived protoapigenone leads to DNA damage, apoptosis, and G(2)/m arrest in lung cancer cell line H1299. <i>DNA and Cell Biology</i> , 2009 , 28, 501-6	3.6	34
180	Sinularin Selectively Kills Breast Cancer Cells Showing G2/M Arrest, Apoptosis, and Oxidative DNA Damage. <i>Molecules</i> , 2018 , 23,	4.8	33
179	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
178	Private doctors Practices, knowledge, and attitude to reporting of communicable diseases: a national survey in Taiwan. <i>BMC Infectious Diseases</i> , 2009 , 9, 11	4	33
177	Function and sequence analyses of tumor suppressor gene p53 of CHO.K1 cells. <i>DNA and Cell Biology</i> , 1999 , 18, 315-21	3.6	33
176	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
175	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
174	Aqueous extract of <i>Gracilaria tenuistipitata</i> suppresses LPS-induced NF-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
173	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	3.8	30
172	Single nucleotide polymorphism barcoding to evaluate oral cancer risk using odds ratio-based genetic algorithms. <i>Kaohsiung Journal of Medical Sciences</i> , 2012 , 28, 362-8	2.4	29
171	Reactive oxygen species and autophagy modulation in non-marine drugs and marine drugs. <i>Marine Drugs</i> , 2014 , 12, 5408-24	6	28
170	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
169	Anti-allergic activity of grapeseed extract (GSE) on RBL-2H3 mast cells. <i>Food Chemistry</i> , 2012 , 132, 968-984	3.5	28
168	Conserved PCR primer set designing for closely-related species to complete mitochondrial genome sequencing using a sliding window-based PSO algorithm. <i>PLoS ONE</i> , 2011 , 6, e17729	3.7	28
167	Engineering adipose tissue from uncultured human adipose stromal vascular fraction on collagen matrix and gelatin sponge scaffolds. <i>Tissue Engineering - Part A</i> , 2011 , 17, 1489-98	3.9	28
166	SNP-RFLPing 2: an updated and integrated PCR-RFLP tool for SNP genotyping. <i>BMC Bioinformatics</i> , 2010 , 11, 173	3.6	28

165	Sequence-based polymorphisms in the mitochondrial D-loop and potential SNP predictors for chronic dialysis. <i>PLoS ONE</i> , 2012 , 7, e41125	3.7	27
164	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
163	Alternative splicing for diseases, cancers, drugs, and databases. <i>Scientific World Journal, The</i> , 2013 , 2013, 703568	2.2	25
162	Chaotic particle swarm optimization for detecting SNP-SNP interactions for CXCL12-related genes in breast cancer prevention. <i>European Journal of Cancer Prevention</i> , 2012 , 21, 336-42	2	25
161	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
160	Antibacterial properties of Chinese herbal medicines against nosocomial antibiotic resistant strains of <i>Pseudomonas aeruginosa</i> in Taiwan. <i>The American Journal of Chinese Medicine</i> , 2007 , 35, 1047-60	6	24
159	De novo 617G-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	4.3	24
158	Manoalide Preferentially Provides Antiproliferation of Oral Cancer Cells by Oxidative Stress-Mediated Apoptosis and DNA Damage. <i>Cancers</i> , 2019 , 11,	6.6	23
157	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
156	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
155	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
154	Brefeldin a effectively inhibits cancer stem cell-like properties and MMP-9 activity in human colorectal cancer Colo 205 cells. <i>Molecules</i> , 2013 , 18, 10242-53	4.8	23
153	Effects of different denture cleaning methods to remove <i>Candida albicans</i> from acrylic resin denture based material. <i>Journal of Dental Sciences</i> , 2011 , 6, 216-220	2.5	23
152	Expression of extracellular matrix proteins in ovarian serous tumors. <i>International Journal of Gynecological Pathology</i> , 2007 , 26, 141-6	3.2	23
151	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
150	Aqueous extract of the edible <i>Gracilaria tenuistipitata</i> inhibits hepatitis C viral replication via cyclooxygenase-2 suppression and reduces virus-induced inflammation. <i>PLoS ONE</i> , 2013 , 8, e57704	3.7	22
149	A two-stage feature selection method for gene expression data. <i>OMICS A Journal of Integrative Biology</i> , 2009 , 13, 127-37	3.8	22
148	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

147	Novel generating protective single nucleotide polymorphism barcode for breast cancer using particle swarm optimization. <i>Cancer Epidemiology</i> , 2009 , 33, 147-54	2.8	21
146	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	3.8	21
145	Association of ORAI1 haplotypes with the risk of HLA-B27 positive ankylosing spondylitis. <i>PLoS ONE</i> , 2011 , 6, e20426	3.7	21
144	Detection of allelic imbalance in ascitic supernatant by digital single nucleotide polymorphism analysis. <i>Clinical Cancer Research</i> , 2002 , 8, 2580-5	12.9	21
143	Restriction enzyme mining for SNPs in genomes. <i>Anticancer Research</i> , 2008 , 28, 2001-7	2.3	21
142	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
141	Additive effects of C(2)-ceramide on paclitaxel-induced premature senescence of human lung cancer cells. <i>Life Sciences</i> , 2010 , 87, 350-7	6.8	20
140	Antibacterial and antioxidant properties of <i>Ramulus Cinnamomi</i> using supercritical CO ₂ extraction. <i>European Food Research and Technology</i> , 2008 , 227, 1387-1396	3.4	20
139	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
138	Prim-SNPing: a primer designer for cost-effective SNP genotyping. <i>BioTechniques</i> , 2009 , 46, 421-31	2.5	19
137	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
136	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
135	Detection of EBV infection and gene expression in oral cancer from patients in Taiwan by microarray analysis. <i>Journal of Biomedicine and Biotechnology</i> , 2009 , 2009, 904589		18
134	Specific PCR product primer design using memetic algorithm. <i>Biotechnology Progress</i> , 2009 , 25, 745-53	2.8	18
133	Seroepidemiology study of rubella antibodies among pregnant women from seven Asian countries: evaluation of the rubella vaccination program in Taiwan. <i>Vaccine</i> , 2006 , 24, 5772-7	4.1	18
132	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
131	SNP combinations in chromosome-wide genes are associated with bone mineral density in Taiwanese women. <i>Chinese Journal of Physiology</i> , 2008 , 51, 32-41	1.6	18
130	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

129	Identifying association model for single-nucleotide polymorphisms of ORAI1 gene for breast cancer. <i>Cancer Cell International</i> , 2014 , 14, 29	6.4	17
128	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
127	Generating SNP barcode to evaluate SNP-SNP interaction of disease by particle swarm optimization. <i>Computational Biology and Chemistry</i> , 2009 , 33, 114-9	3.6	17
126	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
125	The Antitumor Activity of Antrodia camphorata in Melanoma Cells: Modulation of Wnt/ β Catenin Signaling Pathways. <i>Evidence-based Complementary and Alternative Medicine</i> , 2012 , 2012, 197309	2.3	16
124	The importance of integrating SNP and cheminformatics resources to pharmacogenomics. <i>Current Drug Metabolism</i> , 2012 , 13, 991-9	3.5	16
123	An improved PCR method for gender identification of eagles. <i>Molecular and Cellular Probes</i> , 2008 , 22, 184-8	3.3	16
122	Identification of a novel septin 4 protein binding to human herpesvirus 8 kaposin A protein using a phage display cDNA library. <i>Journal of Virological Methods</i> , 2007 , 143, 65-72	2.6	16
121	Evaluation of the mRNA expression levels of integrins β , β , β and β as tumor biomarkers of oral squamous cell carcinoma. <i>Oncology Letters</i> , 2018 , 16, 4773-4781	2.6	16
120	Ethyl acetate extract of <i>Nepenthes adrianii</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
119	Low Concentration of Withaferin a Inhibits Oxidative Stress-Mediated Migration and Invasion in Oral Cancer Cells. <i>Biomolecules</i> , 2020 , 10,	5.9	15
118	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
117	High-throughput gender identification of three Columbidae species using melting curve analysis. <i>Theriogenology</i> , 2011 , 75, 73-9.e1-4	2.8	15
116	UV inducibility of rat proliferating cell nuclear antigen gene promoter 1999 , 73, 423-432		15
115	Genetic algorithm-generated SNP barcodes of the mitochondrial D-loop for chronic dialysis susceptibility. <i>Mitochondrial DNA</i> , 2014 , 25, 231-7		14
114	Coenzyme Q Enhances Ultraviolet B-Induced Apoptosis in Human Estrogen Receptor-Positive Breast (MCF-7) Cancer Cells. <i>Integrative Cancer Therapies</i> , 2017 , 16, 385-396	3	14
113	Features for computational operon prediction in prokaryotes. <i>Briefings in Functional Genomics</i> , 2012 , 11, 291-9	4.9	14
112	Confronting two-pair primer design for enzyme-free SNP genotyping based on a genetic algorithm. <i>BMC Bioinformatics</i> , 2010 , 11, 509	3.6	14

111	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
110	Prdx1-encoded peroxiredoxin is important for vascular development in zebrafish. <i>FEBS Letters</i> , 2017 , 591, 889-902	3.8	13
109	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
108	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
107	Improved branch and bound algorithm for detecting SNP-SNP interactions in breast cancer. <i>Journal of Clinical Bioinformatics</i> , 2013 , 3, 4		13
106	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
105	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
104	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
103	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
102	V-MitoSNP: visualization of human mitochondrial SNPs. <i>BMC Bioinformatics</i> , 2006 , 7, 379	3.6	13
101	4-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
100	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
99	Antiproliferation for Breast Cancer Cells by Ethyl Acetate Extract of x (x). <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	12
98	Drug-SNPing: an integrated drug-based, protein interaction-based tagSNP-based pharmacogenomics platform for SNP genotyping. <i>Bioinformatics</i> , 2013 , 29, 758-64	7.2	12
97	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
96	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
95	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
94	The mitogen-activated protein kinase phosphatase-1 (MKP-1) gene is a potential methylation biomarker for malignancy of breast cancer. <i>Experimental and Molecular Medicine</i> , 2012 , 44, 356-62	12.8	11

93	Serum responsiveness of the rat PCNA promoter involves the proximal ATF and AP-1 sites. <i>FEBS Letters</i> , 1998 , 441, 200-4	3.8	11
92	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
91	SNP-Flankplus: SNP ID-centric retrieval for SNP flanking sequences. <i>Bioinformatics</i> , 2008 , 3, 147-9	1.1	11
90	Overexpression of autophagy-related 16-like 1 in patients with oral squamous cell carcinoma. <i>Pathology and Oncology Research</i> , 2015 , 21, 301-5	2.6	10
89	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
88	High-throughput sex identification by melting curve analysis in blue-breasted quail and chicken. <i>Theriogenology</i> , 2012 , 77, 1951-8	2.8	10
87	Modulating roles of amiloride in irradiation-induced antiproliferative effects in glioblastoma multiforme cells involving Akt phosphorylation and the alternative splicing of apoptotic genes. <i>DNA and Cell Biology</i> , 2013 , 32, 504-10	3.6	10
86	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
85	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
84	Restoring TRAIL mediated signaling in ovarian cancer cells. <i>Archivum Immunologiae Et Therapiae Experimentalis</i> , 2014 , 62, 459-74	4	9
83	Agrin induces association of Chrna1 mRNA and nicotinic acetylcholine receptor in C2C12 myotubes. <i>FEBS Letters</i> , 2012 , 586, 3111-6	3.8	9
82	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
81	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
80	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
79	Seq-SNPing: multiple-alignment tool for SNP discovery, SNP ID identification, and RFLP genotyping. <i>OMICS A Journal of Integrative Biology</i> , 2009 , 13, 253-60	3.8	8
78	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
77	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
76	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

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	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
73	Methyl-Typing: an improved and visualized COBRA software for epigenomic studies. <i>FEBS Letters</i> , 2010 , 584, 739-44	3.8	7
72	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
71	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
70	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
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