

# Hsueh-Wei Chang

## 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.

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	Antiproliferation- and Apoptosis-Inducible Effects of a Novel Nitrated [6,6,6]Tricycle Derivative (SK2) on Oral Cancer Cells.. <i>Molecules</i> , <b>2022</b> , 27,	4.8	2
217	Brown Algae-Derived Fucoidan Exerts Oxidative Stress-Dependent Antiproliferation on Oral Cancer Cells. <i>Antioxidants</i> , <b>2022</b> , 11, 841	7.1	3
216	Impacts of Oxidative Stress and PI3K/AKT/mTOR on Metabolism and the Future Direction of Investigating Fucoidan-Modulated Metabolism. <i>Antioxidants</i> , <b>2022</b> , 11, 911	7.1	3
215	Synergistic Antiproliferation of Cisplatin and Nitrated [6,6,6]Tricycle Derivative (SK2) for a Combined Treatment of Oral Cancer Cells. <i>Antioxidants</i> , <b>2022</b> , 11, 926	7.1	0
214	Combined Treatment of Nitrated [6,6,6]Tricycles Derivative (SK2)/Ultraviolet C Highly Inhibits Proliferation in Oral Cancer Cells In Vitro. <i>Biomedicines</i> , <b>2022</b> , 10, 1196	4.8	
213	Burmannie Acid Inhibits Proliferation and Induces Oxidative Stress Response of Oral Cancer Cells. <i>Antioxidants</i> , <b>2021</b> , 10,	7.1	3
212	-Derived Physapruin A (PHA) Inhibits Breast Cancer Cell Proliferation and Induces Oxidative-Stress-Mediated Apoptosis and DNA Damage. <i>Antioxidants</i> , <b>2021</b> , 10,	7.1	4
211	Tribulus terrestris fruit extract inhibits autophagic flux to diminish cell proliferation and metastatic characteristics of oral cancer cells. <i>Environmental Toxicology</i> , <b>2021</b> , 36, 1173-1180	4.2	3
210	Manoalide Shows Mutual Interaction between Cellular and Mitochondrial Reactive Species with Apoptosis in Oral Cancer Cells. <i>Oxidative Medicine and Cellular Longevity</i> , <b>2021</b> , 2021, 6667355	6.7	2
209	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> , <b>2021</b> , 13,	6.6	3
208	Comparison of Antioxidant and Anticancer Properties of Soft Coral-Derived Sinularin and Dihydrosinularin. <i>Molecules</i> , <b>2021</b> , 26,	4.8	2
207	Withaferin A Triggers Apoptosis and DNA Damage in Bladder Cancer J82 Cells through Oxidative Stress. <i>Antioxidants</i> , <b>2021</b> , 10,	7.1	4
206	Pomegranate Extract (POMx) Induces Mitochondrial Dysfunction and Apoptosis of Oral Cancer Cells. <i>Antioxidants</i> , <b>2021</b> , 10,	7.1	5
205	Extract Induces Selective Killing, Necrosis, and Apoptosis in Oral Cancer Cells. <i>Journal of Personalized Medicine</i> , <b>2021</b> , 11,	3.6	3
204	Soft Coral-Derived Dihydrosinularin Exhibits Antiproliferative Effects Associated with Apoptosis and DNA Damage in Oral Cancer Cells. <i>Pharmaceuticals</i> , <b>2021</b> , 14,	5.2	1
203	Tris-(2-pyridyl)-pyrazolyl Borate Zinc(II) Complexes: Synthesis, DNA/Protein Binding and In Vitro Cytotoxicity Studies. <i>Molecules</i> , <b>2021</b> , 26,	4.8	3
202	Low Concentration of Withaferin a Inhibits Oxidative Stress-Mediated Migration and Invasion in Oral Cancer Cells. <i>Biomolecules</i> , <b>2020</b> , 10,	5.9	15

201	Pomegranate extract inhibits migration and invasion of oral cancer cells by downregulating matrix metalloproteinase-2/9 and epithelial-mesenchymal transition. <i>Environmental Toxicology</i> , <b>2020</b> , 35, 673-682	4.2	6
200	Antimycin A shows selective antiproliferation to oral cancer cells by oxidative stress-mediated apoptosis and DNA damage. <i>Environmental Toxicology</i> , <b>2020</b> , 35, 1212-1224	4.2	4
199	Low Dose Combined Treatment with Ultraviolet-C and Withaferin a Enhances Selective Killing of Oral Cancer Cells. <i>Antioxidants</i> , <b>2020</b> , 9,	7.1	7
198	Methanol Extract of Induces Cell Killing, Apoptosis, and DNA Damage against Oral Cancer Cells through Oxidative Stress. <i>Antioxidants</i> , <b>2020</b> , 9,	7.1	9
197	Regulatory effects of noncoding RNAs on the interplay of oxidative stress and autophagy in cancer malignancy and therapy. <i>Seminars in Cancer Biology</i> , <b>2020</b> ,	12.7	7
196	Withanolide C Inhibits Proliferation of Breast Cancer Cells via Oxidative Stress-Mediated Apoptosis and DNA Damage. <i>Antioxidants</i> , <b>2020</b> , 9,	7.1	6
195	Combined Treatment with Low Cytotoxic Ethyl Acetate Extract and Ultraviolet-C Improves Antiproliferation to Oral Cancer Cells via Oxidative Stress. <i>Antioxidants</i> , <b>2020</b> , 9,	7.1	5
194	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> , <b>2020</b> , 21,	6.3	8
193	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> , <b>2019</b> , 14, e0220719	3.7	1
192	Manoalide Preferentially Provides Antiproliferation of Oral Cancer Cells by Oxidative Stress-Mediated Apoptosis and DNA Damage. <i>Cancers</i> , <b>2019</b> , 11,	6.6	23
191	Xanthium strumarium Fruit Extract Inhibits ATG4B and Diminishes the Proliferation and Metastatic Characteristics of Colorectal Cancer Cells. <i>Toxins</i> , <b>2019</b> , 11,	4.9	13
190	Ethyl Acetate Extract of Exerts Preferential Killing to Oral Cancer Cells. <i>DNA and Cell Biology</i> , <b>2019</b> , 38, 763-772	3.6	5
189	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> , <b>2019</b> , 95, 1226-1235	2.9	7
188	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> , <b>2019</b> , 34, 891-901	4.2	15
187	LY303511 displays antiproliferation potential against oral cancer cells in vitro and in vivo. <i>Environmental Toxicology</i> , <b>2019</b> , 34, 958-967	4.2	3
186	Decision Theory-Based COI-SNP Tagging Approach for 126 Scombriformes Species Tagging. <i>Frontiers in Genetics</i> , <b>2019</b> , 10, 259	4.5	1
185	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> , <b>2019</b> , 58, 109-117	12.7	89
184	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> , <b>2019</b> , 11,	6.6	6

183	Ethyl acetate extracts of leaves cause growth inhibition against oral cancer cells via oxidative stress. <i>OncoTargets and Therapy</i> , <b>2019</b> , 12, 5227-5239	4.4	1
182	Antiproliferation for Breast Cancer Cells by Ethyl Acetate Extract of x (x). <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	12
181	Decision Tree Algorithm-Generated Single-Nucleotide Polymorphism Barcodes of Genes for 38 Brassicaceae Species Tagging. <i>Evolutionary Bioinformatics</i> , <b>2018</b> , 14, 1176934318760856	1.9	4
180	Drug Repurposing Screening Identifies Tioconazole as an ATG4 Inhibitor that Suppresses Autophagy and Sensitizes Cancer Cells to Chemotherapy. <i>Theranostics</i> , <b>2018</b> , 8, 830-845	12.1	70
179	Sinularin Selectively Kills Breast Cancer Cells Showing G2/M Arrest, Apoptosis, and Oxidative DNA Damage. <i>Molecules</i> , <b>2018</b> , 23,	4.8	33
178	Cumulative receiver operating characteristics for analyzing interaction between tissue visfatin and clinicopathologic factors in breast cancer progression. <i>Cancer Cell International</i> , <b>2018</b> , 18, 19	6.4	9
177	Protein folding prediction in the HP model using ions motion optimization with a greedy algorithm. <i>BioData Mining</i> , <b>2018</b> , 11, 17	4.3	10
176	Antioxidant Properties of Fractions for Unripe Fruits of Capsicum annum L. var. Conoides. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , <b>2018</b> , 17, 1971-1977	2.2	2
175	4-Hydroxywithanolide E selectively induces oxidative DNA damage for selective killing of oral cancer cells. <i>Environmental Toxicology</i> , <b>2018</b> , 33, 295-304	4.2	13
174	Map1lc3b and Sqstm1 Modulated Autophagy for Tumorigenesis and Prognosis in Certain Subsites of Oral Squamous Cell Carcinoma. <i>Journal of Clinical Medicine</i> , <b>2018</b> , 7,	5.1	18
173	Hybrid High Exploration Particle Swarm Optimization Algorithm Improves the Prediction of the 2-Dimensional Hydrophobic-Polar Model for Protein Folding. <i>Current Bioinformatics</i> , <b>2018</b> , 13, 182-192	4.7	
172	Evaluation of the mRNA expression levels of integrins $\beta_1$ , $\beta_2$ , $\beta_3$ and $\beta_4$ as tumor biomarkers of oral squamous cell carcinoma. <i>Oncology Letters</i> , <b>2018</b> , 16, 4773-4781	2.6	16
171	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> , <b>2018</b> , 7,	5.1	13
170	A novel sulfonyl chromen-4-ones (CHW09) preferentially kills oral cancer cells showing apoptosis, oxidative stress, and DNA damage. <i>Environmental Toxicology</i> , <b>2018</b> , 33, 1195-1203	4.2	14
169	Prdx1-encoded peroxiredoxin is important for vascular development in zebrafish. <i>FEBS Letters</i> , <b>2017</b> , 591, 889-902	3.8	13
168	Sinularin induces oxidative stress-mediated G2/M arrest and apoptosis in oral cancer cells. <i>Environmental Toxicology</i> , <b>2017</b> , 32, 2124-2132	4.2	17
167	Implication for second primary cancer from visible oral and oropharyngeal premalignant lesions in betel-nut chewing related oral cancer. <i>Head and Neck</i> , <b>2017</b> , 39, 1428-1435	4.2	1
166	A Particle Swarm Optimization-Based Approach with Local Search for Predicting Protein Folding. <i>Journal of Computational Biology</i> , <b>2017</b> , 24, 981-994	1.7	6

165	Use of Genetic Algorithm Combinational Single-nucleotide Polymorphisms Could Modify the Association of Blood Lead Levels and Bone Matrix Density. <i>Epidemiology</i> , <b>2017</b> , 28 Suppl 1, S121-S125	3.1	
164	Interaction of MRE11 and Clinicopathologic Characteristics in Recurrence of Breast Cancer: Individual and Cumulated Receiver Operating Characteristic Analyses. <i>BioMed Research International</i> , <b>2017</b> , 2017, 2563910	3	3
163	Reactive oxygen species mediate soft corals-derived sinuleptolide-induced antiproliferation and DNA damage in oral cancer cells. <i>OncoTargets and Therapy</i> , <b>2017</b> , 10, 3289-3297	4.4	24
162	Joint Analysis of SNP-SNP-Environment Interactions for Chronic Dialysis by an Improved Branch and Bound Algorithm. <i>Journal of Computational Biology</i> , <b>2017</b> , 24, 1212-1225	1.7	5
161	Single nucleotide polymorphism barcoding of cytochrome c oxidase I sequences for discriminating 17 species of Columbidae by decision tree algorithm. <i>Ecology and Evolution</i> , <b>2017</b> , 7, 4717-4725	2.8	6
160	Ablation of ATG4B Suppressed Autophagy and Activated AMPK for Cell Cycle Arrest in Cancer Cells. <i>Cellular Physiology and Biochemistry</i> , <b>2017</b> , 44, 728-740	3.9	23
159	Coenzyme Q Enhances Ultraviolet B-Induced Apoptosis in Human Estrogen Receptor-Positive Breast (MCF-7) Cancer Cells. <i>Integrative Cancer Therapies</i> , <b>2017</b> , 16, 385-396	3	14
158	Withaferin A Induces Oxidative Stress-Mediated Apoptosis and DNA Damage in Oral Cancer Cells. <i>Frontiers in Physiology</i> , <b>2017</b> , 8, 634	4.6	50
157	Ftr82 Is Critical for Vascular Patterning during Zebrafish Development. <i>International Journal of Molecular Sciences</i> , <b>2017</b> , 18,	6.3	6
156	TRAIL, Wnt, Sonic Hedgehog, TGF $\beta$ and miRNA Signalings Are Potential Targets for Oral Cancer Therapy. <i>International Journal of Molecular Sciences</i> , <b>2017</b> , 18,	6.3	16
155	Analysis of high-order SNP barcodes in mitochondrial D-loop for chronic dialysis susceptibility. <i>Journal of Biomedical Informatics</i> , <b>2016</b> , 63, 112-119	10.2	8
154	Mitochondrial Fission Increases Apoptosis and Decreases Autophagy in Renal Proximal Tubular Epithelial Cells Treated with High Glucose. <i>DNA and Cell Biology</i> , <b>2016</b> , 35, 657-665	3.6	18
153	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> , <b>2016</b> , 35, 210-6	3.6	2
152	Injected Implant of Uncultured Stromal Vascular Fraction Loaded Onto a Collagen Gel: In Vivo Study of Adipogenesis and Long-term Outcomes. <i>Annals of Plastic Surgery</i> , <b>2016</b> , 76 Suppl 1, S108-16	1.7	3
151	DNA methylation, histone acetylation and methylation of epigenetic modifications as a therapeutic approach for cancers. <i>Cancer Letters</i> , <b>2016</b> , 373, 185-92	9.9	66
150	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> , <b>2016</b> , 16, 94	4.7	19
149	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> , <b>2016</b> , 92, 263-72	2.9	9
148	Sinuleptolide inhibits proliferation of oral cancer Ca9-22 cells involving apoptosis, oxidative stress, and DNA damage. <i>Archives of Oral Biology</i> , <b>2016</b> , 66, 147-54	2.8	22

147	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> , <b>2016</b> , 11, e0160586	3.7	11
146	Selective Killing Natural Products and Drugs in Oral Cancer Treatments <b>2016</b> , 1-2		
145	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> , <b>2016</b> , 2016, 8305073	3	9
144	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> , <b>2016</b> , 8,	4.9	38
143	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> , <b>2016</b> , 36, 1739-47	3.5	22
142	Activation and Inhibition of ATM by Phytochemicals: Awakening and Sleeping the Guardian Angel Naturally. <i>Archivum Immunologiae Et Therapiae Experimentalis</i> , <b>2015</b> , 63, 357-66	4	5
141	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> , <b>2015</b> , 19, 238-47	3.8	31
140	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> , <b>2015</b> , 15, 94	4.7	38
139	Anticancer drugs for the modulation of endoplasmic reticulum stress and oxidative stress. <i>Tumor Biology</i> , <b>2015</b> , 36, 5743-52	2.9	81
138	Overexpression of autophagy-related 16-like 1 in patients with oral squamous cell carcinoma. <i>Pathology and Oncology Research</i> , <b>2015</b> , 21, 301-5	2.6	10
137	Lactobacillus acidophilus attenuates Salmonella-induced intestinal inflammation via TGF- $\beta$ signaling. <i>BMC Microbiology</i> , <b>2015</b> , 15, 203	4.5	35
136	New adipose tissue formation by human adipose-derived stem cells with hyaluronic acid gel in immunodeficient mice. <i>International Journal of Medical Sciences</i> , <b>2015</b> , 12, 154-62	3.7	20
135	Epigenetic mechanisms in cancer: push and pull between kneaded erasers and fate writers. <i>International Journal of Nanomedicine</i> , <b>2015</b> , 10, 3183-91	7.3	7
134	Antioxidant Potential of Solvent Partitioned Extraction from Aqueous Extract of <i>Gracilaria Tenuistipitata</i> . <i>Current Organic Chemistry</i> , <b>2015</b> , 19, 39-44	1.7	2
133	High order gene-gene interactions in eight single nucleotide polymorphisms of renin-angiotensin system genes for hypertension association study. <i>BioMed Research International</i> , <b>2015</b> , 2015, 454091	3	13
132	The Combinational Polymorphisms of ORA1 Gene Are Associated with Preventive Models of Breast Cancer in the Taiwanese. <i>BioMed Research International</i> , <b>2015</b> , 2015, 281263	3	11
131	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> , <b>2015</b> , 2015, 620826	2.2	31
130	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> , <b>2015</b> , 15, 962	4.8	23



129	Natural Products Mediated Regulation of Oxidative Stress and DNA Damage in Ultraviolet Exposed Skin Cells. <i>Current Pharmaceutical Biotechnology</i> , <b>2015</b> , 16, 1078-84	2.6	8
128	Alternative Splicing, DNA Damage and Modulating Drugs in Radiation Therapy for Cancer. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , <b>2015</b> , 15, 674-80	2.2	3
127	High-throughput gender identification of penguin species using melting curve analysis. <i>Animal Biotechnology</i> , <b>2014</b> , 25, 119-27	1.4	1
126	Restoring TRAIL mediated signaling in ovarian cancer cells. <i>Archivum Immunologiae Et Therapiae Experimentalis</i> , <b>2014</b> , 62, 459-74	4	9
125	<b>2014</b> ,		2
124	Identifying association model for single-nucleotide polymorphisms of ORAI1 gene for breast cancer. <i>Cancer Cell International</i> , <b>2014</b> , 14, 29	6.4	17
123	Androgen receptor and gene network: Micromechanics reassemble the signaling machinery of TMPRSS2-ERG positive prostate cancer cells. <i>Cancer Cell International</i> , <b>2014</b> , 14, 34	6.4	13
122	Identification of SNP barcode biomarkers for genes associated with facial emotion perception using particle swarm optimization algorithm. <i>Annals of General Psychiatry</i> , <b>2014</b> , 13, 15	3.4	11
121	Networks development between nicotinic chemical probes and Ca9-22 oral cancer cells by general proteomics analyses. <i>Electrophoresis</i> , <b>2014</b> , 35, 2213-21	3.6	2
120	Genetic algorithm-generated SNP barcodes of the mitochondrial D-loop for chronic dialysis susceptibility. <i>Mitochondrial DNA</i> , <b>2014</b> , 25, 231-7		14
119	Methanolic extracts of Solieria robusta inhibits proliferation of oral cancer Ca9-22 cells via apoptosis and oxidative stress. <i>Molecules</i> , <b>2014</b> , 19, 18721-32	4.8	33
118	Aqueous extract of Gracilaria tenuistipitata 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> , <b>2014</b> , 9, e86557	3.7	30
117	Nuclear receptor subfamily 2 group F member 1a (nr2f1a) is required for vascular development in zebrafish. <i>PLoS ONE</i> , <b>2014</b> , 9, e105939	3.7	13
116	Antiproliferative effects of methanolic extracts of Cryptocarya concinna 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> , <b>2014</b> , 2014, 180462	2.2	11
115	Reactive oxygen species and autophagy modulation in non-marine drugs and marine drugs. <i>Marine Drugs</i> , <b>2014</b> , 12, 5408-24	6	28
114	5-azacytidine induces anoikis, inhibits mammosphere formation and reduces metalloproteinase 9 activity in MCF-7 human breast cancer cells. <i>Molecules</i> , <b>2014</b> , 19, 3149-59	4.8	17
113	Brefeldin A reduces anchorage-independent survival, cancer stem cell potential and migration of MDA-MB-231 human breast cancer cells. <i>Molecules</i> , <b>2014</b> , 19, 17464-77	4.8	28
112	SNP 1772 C > T of HIF-1 gene associates with breast cancer risk in a Taiwanese population. <i>Cancer Cell International</i> , <b>2014</b> , 14, 87	6.4	7

111	Improved candidate drug mining for Alzheimer's disease. <i>BioMed Research International</i> , <b>2014</b> , 2014, 897653	3	2
110	Double-bottom chaotic map particle swarm optimization based on chi-square test to determine gene-gene interactions. <i>BioMed Research International</i> , <b>2014</b> , 2014, 172049	3	13
109	Improved branch and bound algorithm for detecting SNP-SNP interactions in breast cancer. <i>Journal of Clinical Bioinformatics</i> , <b>2013</b> , 3, 4		13
108	Particle swarm optimization algorithm for analyzing SNP-SNP interaction of renin-angiotensin system genes against hypertension. <i>Molecular Biology Reports</i> , <b>2013</b> , 40, 4227-33	2.8	23
107	Marine algal natural products with anti-oxidative, anti-inflammatory, and anti-cancer properties. <i>Cancer Cell International</i> , <b>2013</b> , 13, 55	6.4	176
106	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> , <b>2013</b> , 18, 63-72	2.6	43
105	Evaluation of breast cancer susceptibility using improved genetic algorithms to generate genotype SNP barcodes. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , <b>2013</b> , 10, 361-71	3	38
104	Reduction of RNA A-to-I editing in Drosophila acclimated to heat shock. <i>Kaohsiung Journal of Medical Sciences</i> , <b>2013</b> , 29, 478-83	2.4	6
103	Inosine-specific cleavage of RNA for microarray analysis of RNA A-to-I editing targets. <i>Kaohsiung Journal of Medical Sciences</i> , <b>2013</b> , 29, 179-86	2.4	
102	Preventive SNP-SNP interactions in the mitochondrial displacement loop (D-loop) from chronic dialysis patients. <i>Mitochondrion</i> , <b>2013</b> , 13, 698-704	4.9	18
101	Recombinant chimeric vaccine composed of PRRSV antigens and truncated Pseudomonas exotoxin A (PE-K13). <i>Research in Veterinary Science</i> , <b>2013</b> , 95, 742-51	2.5	5
100	A method to identify RNA A-to-I editing targets using I-specific cleavage and exon array analysis. <i>Molecular and Cellular Probes</i> , <b>2013</b> , 27, 38-45	3.3	5
99	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> , <b>2013</b> , 2013, 850735	2.7	15
98	Drug-SNPing: an integrated drug-based, protein interaction-based tagSNP-based pharmacogenomics platform for SNP genotyping. <i>Bioinformatics</i> , <b>2013</b> , 29, 758-64	7.2	12
97	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> , <b>2013</b> , 2013, 359634	3	13
96	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> , <b>2013</b> , 32, 504-10	3.6	10
95	Aqueous extract of the edible Gracilaria tenuistipitata inhibits hepatitis C viral replication via cyclooxygenase-2 suppression and reduces virus-induced inflammation. <i>PLoS ONE</i> , <b>2013</b> , 8, e57704	3.7	22
94	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> , <b>2013</b> , 8, e79387	3.7	25



93	Brefeldin A effectively inhibits cancer stem cell-like properties and MMP-9 activity in human colorectal cancer Colo 205 cells. <i>Molecules</i> , <b>2013</b> , 18, 10242-53	4.8	23
92	Natural Products: Bioactivity, Biochemistry, and Biological Effects in Cancer and Disease Therapy. <i>Scientific World Journal, The</i> , <b>2013</b> , 2013, 1-1	2.2	78
91	Alternative splicing for diseases, cancers, drugs, and databases. <i>Scientific World Journal, The</i> , <b>2013</b> , 2013, 703568	2.2	25
90	RNA editing and drug discovery for cancer therapy. <i>Scientific World Journal, The</i> , <b>2013</b> , 2013, 804505	2.2	6
89	Long noncoding RNAs-related diseases, cancers, and drugs. <i>Scientific World Journal, The</i> , <b>2013</b> , 2013, 943539	2.2	62
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