

# Rengul Cetin-Atalay

## List of Publications by Year in descending order

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146  
papers

5,613  
citations

159585

30  
h-index

88630

70  
g-index

158  
all docs

158  
docs citations

158  
times ranked

8856  
citing authors

#	ARTICLE	IF	CITATIONS
1	Diagnostic Assessment of Deep Learning Algorithms for Detection of Lymph Node Metastases in Women With Breast Cancer. <i>JAMA - Journal of the American Medical Association</i> , 2017, 318, 2199.	7.4	2,003
2	The PI3K/AKT/mTOR interactive pathway. <i>Molecular BioSystems</i> , 2015, 11, 1946-1954.	2.9	379
3	Recent applications of deep learning and machine intelligence on in silico drug discovery: methods, tools and databases. <i>Briefings in Bioinformatics</i> , 2019, 20, 1878-1912.	6.5	310
4	The CAFA challenge reports improved protein function prediction and new functional annotations for hundreds of genes through experimental screens. <i>Genome Biology</i> , 2019, 20, 244.	8.8	261
5	PATIKA: an integrated visual environment for collaborative construction and analysis of cellular pathways. <i>Bioinformatics</i> , 2002, 18, 996-1003.	4.1	135
6	DEEPScreen: high performance drug-target interaction prediction with convolutional neural networks using 2-D structural compound representations. <i>Chemical Science</i> , 2020, 11, 2531-2557.	7.4	131
7	Near-IR Absorbing BODIPY Derivatives as Glutathione-Activated Photosensitizers for Selective Photodynamic Action. <i>Chemistry - A European Journal</i> , 2014, 20, 16088-16092.	3.3	101
8	ECPred: a tool for the prediction of the enzymatic functions of protein sequences based on the EC nomenclature. <i>BMC Bioinformatics</i> , 2018, 19, 334.	2.6	99
9	Diet affects gut microbiota and modulates hospitalization risk differentially in an international cirrhosis cohort. <i>Hepatology</i> , 2018, 68, 234-247.	7.3	92
10	DEEPred: Automated Protein Function Prediction with Multi-task Feed-forward Deep Neural Networks. <i>Scientific Reports</i> , 2019, 9, 7344.	3.3	80
11	Synthesis of novel diflunisal hydrazide-hydrazones as anti-hepatitis C virus agents and hepatocellular carcinoma inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2016, 108, 301-308.	5.5	71
12	Targeting PI3K/Akt/mTOR Pathway Identifies Differential Expression and Functional Role of IL8 in Liver Cancer Stem Cell Enrichment. <i>Molecular Cancer Therapeutics</i> , 2019, 18, 2146-2157.	4.1	69
13	Genome-Wide Transcriptional Reorganization Associated with Senescence-to-Immortality Switch during Human Hepatocellular Carcinogenesis. <i>PLoS ONE</i> , 2013, 8, e64016.	2.5	61
14	MDeePred: novel multi-channel protein featurization for deep learning-based binding affinity prediction in drug discovery. <i>Bioinformatics</i> , 2021, 37, 693-704.	4.1	61
15	Attributed Relational Graphs for Cell Nucleus Segmentation in Fluorescence Microscopy Images. <i>IEEE Transactions on Medical Imaging</i> , 2013, 32, 1121-1131.	8.9	59
16	Reprogramming of replicative senescence in hepatocellular carcinoma-derived cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 2178-2183.	7.1	53
17	A novel form of recessive limb girdle muscular dystrophy with mental retardation and abnormal expression of $\beta$ -dystroglycan. <i>Neuromuscular Disorders</i> , 2003, 13, 771-778.	0.6	49
18	An ontology for collaborative construction and analysis of cellular pathways. <i>Bioinformatics</i> , 2004, 20, 349-356.	4.1	47

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19	Synthesis and preliminary mechanistic evaluation of 5-(p-tolyl)-1-(quinolin-2-yl)pyrazole-3-carboxylic acid amides with potent antiproliferative activity on human cancer cell lines. <i>European Journal of Medicinal Chemistry</i> , 2014, 87, 140-149.	5.5	47
20	The AKT Inhibitor MK-2206 is Cytotoxic in Hepatocarcinoma Cells Displaying Hyperphosphorylated AKT-1 and Synergizes with Conventional Chemotherapy. <i>Oncotarget</i> , 2013, 4, 1496-1506.	1.8	47
21	Synthesis and biological evaluation of novel pyrazolic chalcone derivatives as novel hepatocellular carcinoma therapeutics. <i>European Journal of Medicinal Chemistry</i> , 2017, 129, 12-26.	5.5	46
22	TGF- $\beta$ 2 Promotes Metabolic Reprogramming in Lung Fibroblasts via mTORC1-dependent ATF4 Activation. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2020, 63, 601-612.	2.9	45
23	Acquired tolerance of hepatocellular carcinoma cells to selenium deficiency: a selective survival mechanism?. <i>Cancer Research</i> , 2003, 63, 6707-15.	0.9	45
24	Synthesis of Novel 6-(4-Substituted piperazine-1-yl)-9-( $\beta$ -D-ribofuranosyl)purine Derivatives, Which Lead to Senescence-Induced Cell Death in Liver Cancer Cells. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 3058-3065.	6.4	44
25	Inhibition of Akt signaling in hepatoma cells induces apoptotic cell death independent of Akt activation status. <i>Investigational New Drugs</i> , 2011, 29, 1303-1313.	2.6	42
26	A novel thiazolidine compound induces caspase-9 dependent apoptosis in cancer cells. <i>Bioorganic and Medicinal Chemistry</i> , 2012, 20, 5094-5102.	3.0	36
27	Enacyloxin IIa, an inhibitor of protein biosynthesis that acts on elongation factor Tu and the ribosome.. <i>EMBO Journal</i> , 1996, 15, 2604-2611.	7.8	35
28	Smart Markers for Watershed-Based Cell Segmentation. <i>PLoS ONE</i> , 2012, 7, e48664.	2.5	35
29	Endogenous itaconate is not required for particulate matter-induced NRF2 expression or inflammatory response. <i>ELife</i> , 2020, 9, .	6.0	35
30	Liver cancer cells are sensitive to Lanatoside C induced cell death independent of their PTEN status. <i>Phytomedicine</i> , 2016, 23, 42-51.	5.3	33
31	Novel triazolothiadiazines act as potent anticancer agents in liver cancer cells through Akt and ASK-1 proteins. <i>Bioorganic and Medicinal Chemistry</i> , 2016, 24, 858-872.	3.0	31
32	Synthesis and cellular bioactivities of novel isoxazole derivatives incorporating an arylpiperazine moiety as anticancer agents. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2018, 33, 1352-1361.	5.2	30
33	Pulvomycin-resistant mutants of E.coli elongation factor Tu.. <i>EMBO Journal</i> , 1994, 13, 5113-5120.	7.8	29
34	Synthesis, anticancer activities and molecular modeling studies of novel indole retinoid derivatives. <i>European Journal of Medicinal Chemistry</i> , 2012, 58, 346-354.	5.5	29
35	Development of a novel zebrafish xenograft model in ache mutants using liver cancer cell lines. <i>Scientific Reports</i> , 2018, 8, 1570.	3.3	29
36	Cancer Cell Cytotoxicities of 1-(4-Substitutedbenzoyl)-4-(4-chlorobenzhydryl)piperazine Derivatives. <i>International Journal of Molecular Sciences</i> , 2012, 13, 8071-8085.	4.1	27

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37	PATZ1 Is a DNA Damage-Responsive Transcription Factor That Inhibits p53 Function. <i>Molecular and Cellular Biology</i> , 2015, 35, 1741-1753.	2.3	27
38	Phase and TV Based Convex Sets for Blind Deconvolution of Microscopic Images. <i>IEEE Journal on Selected Topics in Signal Processing</i> , 2016, 10, 81-91.	10.8	25
39	Application of the Ugi reaction with multiple amino acid-derived components: synthesis and conformational evaluation of piperazine-based minimalist peptidomimetics. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 4993-5005.	2.8	24
40	Anti-cancer and anti-hepatitis C virus NS5B polymerase activity of etodolac 1,2,4-triazoles. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2015, 30, 778-785.	5.2	24
41	pH-responsive near-infrared emitting conjugated polymer nanoparticles for cellular imaging and controlled drug delivery. <i>Journal of Polymer Science Part A</i> , 2015, 53, 114-122.	2.3	24
42	Functional Role of the Noncatalytic Domains of Elongation Factor Tu in the Interactions with Ligands. <i>Biochemistry</i> , 1998, 37, 486-495.	2.5	23
43	GOPred: GO Molecular Function Prediction by Combined Classifiers. <i>PLoS ONE</i> , 2010, 5, e12382.	2.5	22
44	Iterative minima-based marker-controlled watershed for cell nucleus segmentation. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2016, 89, 338-349.	1.5	22
45	Synthesis, anticancer activity, toxicity evaluation and molecular docking studies of novel phenylaminopyrimidine (thio)urea hybrids as potential kinase inhibitors. <i>Computational Biology and Chemistry</i> , 2019, 78, 227-241.	2.3	21
46	Synthesis of novel substituted purine derivatives and identification of the cell death mechanism. <i>European Journal of Medicinal Chemistry</i> , 2015, 89, 701-720.	5.5	20
47	Subsequence-based feature map for protein function classification. <i>Computational Biology and Chemistry</i> , 2008, 32, 122-130.	2.3	19
48	CD8 Lineage-specific Regulation of Interleukin-7 Receptor Expression by the Transcriptional Repressor Cfi1. <i>Journal of Biological Chemistry</i> , 2012, 287, 34386-34399.	3.4	19
49	Contrast Enhancement of Microscopy Images Using Image Phase Information. <i>IEEE Access</i> , 2018, 6, 3839-3850.	4.2	19
50	CROssBAR: comprehensive resource of biomedical relations with knowledge graph representations. <i>Nucleic Acids Research</i> , 2021, 49, e96-e96.	14.5	19
51	Synthesis and Anticancer Activity Evaluation of Some Benzothiazole-Piperazine Derivatives. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2015, 15, 382-389.	1.7	19
52	Image Classification of Human Carcinoma Cells Using Complex Wavelet-Based Covariance Descriptors. <i>PLoS ONE</i> , 2013, 8, e52807.	2.5	18
53	Synthesis of novel indole-isoxazole hybrids and evaluation of their cytotoxic activities on hepatocellular carcinoma cell lines. <i>BMC Chemistry</i> , 2021, 15, 66.	3.8	18
54	A multiplication-free framework for signal processing and applications in biomedical image analysis. , 2013, , .		17

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55	Cytotoxic activities of some benzothiazole-piperazine derivatives. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2015, 30, 649-654.	5.2	17
56	Pharmacophore modeling and virtual screening studies to identify novel selective SIRT2 inhibitors. <i>Journal of Molecular Graphics and Modelling</i> , 2019, 89, 60-73.	2.4	17
57	Implicit motif distribution based hybrid computational kernel for sequence classification. <i>Bioinformatics</i> , 2005, 21, 1429-1436.	4.1	15
58	Design, synthesis and biological evaluation of novel 1,3-diarylpyrazoles as cyclooxygenase inhibitors, antiplatelet and anticancer agents. <i>MedChemComm</i> , 2018, 9, 795-811.	3.4	15
59	CXXC5 as an unmethylated CpG dinucleotide binding protein contributes to estrogen-mediated cellular proliferation. <i>Scientific Reports</i> , 2020, 10, 5971.	3.3	15
60	Synthesis and biological evaluation of novel isoxazole-piperazine hybrids as potential anti-cancer agents with inhibitory effect on liver cancer stem cells. <i>European Journal of Medicinal Chemistry</i> , 2021, 221, 113489.	5.5	15
61	Design and synthesis of novel substituted indole-acrylamide derivatives and evaluation of their anti-cancer activity as potential tubulin-targeting agents. <i>Journal of Molecular Structure</i> , 2022, 1254, 132345.	3.6	15
62	Molecular characterization of a full genome Turkish hepatitis C virus 1b isolate (HCV-TR1): a predominant viral form in Turkey. <i>Virus Genes</i> , 2002, 25, 169-177.	1.6	14
63	Object-Oriented Segmentation of Cell Nuclei in Fluorescence Microscopy Images. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2018, 93, 1019-1028.	1.5	14
64	Bioactivity-guided isolation of cytotoxic secondary metabolites from the roots of <i>Glycyrrhiza glabra</i> and elucidation of their mechanisms of action. <i>Industrial Crops and Products</i> , 2018, 124, 389-396.	5.2	14
65	p53 mutations as fingerprints of environmental carcinogens. <i>Pure and Applied Chemistry</i> , 2000, 72, 995-999.	1.9	13
66	3-Propionyl-thiazolidine-4-carboxylic acid ethyl esters: a family of antiproliferative thiazolidines. <i>MedChemComm</i> , 2015, 6, 90-93.	3.4	13
67	Large-scale automated function prediction of protein sequences and an experimental case study validation on PTEN transcript variants. <i>Proteins: Structure, Function and Bioinformatics</i> , 2018, 86, 135-151.	2.6	13
68	DeepDistance: A multi-task deep regression model for cell detection in inverted microscopy images. <i>Medical Image Analysis</i> , 2020, 63, 101720.	11.6	13
69	Protein domain-based prediction of drug/compound-target interactions and experimental validation on LIM kinases. <i>PLoS Computational Biology</i> , 2021, 17, e1009171.	3.2	13
70	The Design and Cytotoxic Evaluation of Some 1-Aryl-3-Isopropylamino-4-Propanone Hydrochlorides towards Human Huh-7 Hepatoma Cells. <i>Archiv Der Pharmazie</i> , 2011, 344, 333-339.	4.1	12
71	Synthesis of novel 6-substituted amino-9-( $\beta$ -d-ribofuranosyl)purine analogs and their bioactivities on human epithelial cancer cells. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2018, 28, 235-239.	2.2	12
72	Identification of Novel Reference Genes Based on MeSH Categories. <i>PLoS ONE</i> , 2014, 9, e93341.	2.5	12

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73	A signal transduction score flow algorithm for cyclic cellular pathway analysis, which combines transcriptome and ChIP-seq data. <i>Molecular BioSystems</i> , 2012, 8, 3224.	2.9	11
74	Synthesis of new N,N- $\epsilon^2$ -bis[1-aryl-3-(piperidine-1-yl)propylidene]hydrazine dihydrochlorides and evaluation of their cytotoxicity against human hepatoma and breast cancer cells. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2014, 29, 420-426.	5.2	11
75	Dual functionality of conjugated polymer nanoparticles as an anticancer drug carrier and a fluorescent probe for cell imaging. <i>RSC Advances</i> , 2014, 4, 1302-1309.	3.6	10
76	A Series of 2,4(1H,3H)-Quinazolinone Derivatives: Synthesis and Biological Evaluation as Potential Anticancer Agents. <i>Letters in Drug Design and Discovery</i> , 2015, 13, 64-76.	0.7	10
77	Induction of Apoptosis in Hepatocellular Carcinoma Cell Lines by Novel Indolylacrylamide Derivatives: Synthesis and Biological Evaluation. <i>Chemistry and Biodiversity</i> , 2021, 18, e2001037.	2.1	10
78	Cytotoxic Activities of some Novel Benzhydrylpiperazine Derivatives. <i>Drug Research</i> , 2013, 63, 121-128.	1.7	9
79	Ynamide Click chemistry in development of triazole VEGFR2 TK modulators. <i>European Journal of Medicinal Chemistry</i> , 2015, 103, 105-122.	5.5	9
80	Quinoides and VEGFR2 TKIs influence the fate of hepatocellular carcinoma and its cancer stem cells. <i>MedChemComm</i> , 2017, 8, 81-87.	3.4	9
81	Multiplication-free Neural Networks. , 2015, , .		8
82	HIF-1 $\alpha$ induces glycolytic reprogramming in tissue-resident alveolar macrophages to promote cell survival during acute lung injury. <i>ELife</i> , 0, 11, .	6.0	8
83	Synthesis of new derivatives of boehmeriasin A and their biological evaluation in liver cancer. <i>European Journal of Medicinal Chemistry</i> , 2019, 166, 243-255.	5.5	7
84	A small library of chalcones induce liver cancer cell death through Akt phosphorylation inhibition. <i>Scientific Reports</i> , 2020, 10, 11814.	3.3	7
85	iBioProVis: interactive visualization and analysis of compound bioactivity space. <i>Bioinformatics</i> , 2020, 36, 4227-4230.	4.1	7
86	G-Network Modelling Based Abnormal Pathway Detection in Gene Regulatory Networks. , 2011, , 257-263.		7
87	A monoclonal antibody against DNA binding helix of p53 protein. <i>Oncogene</i> , 2001, 20, 1398-1401.	5.9	6
88	Synthesis and cytotoxicity studies of novel benzhydrylpiperazine carboxamide and thioamide derivatives. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2014, 29, 205-214.	5.2	6
89	Diet affects gut microbiota and modulates hospitalization risk differentially in an international cirrhosis cohort. <i>Journal of Hepatology</i> , 2018, 68, S12-S13.	3.7	6
90	Design, synthesis, and biological evaluation of indole-based 1,4-disubstituted piperazines as cytotoxic agents. <i>Turkish Journal of Chemistry</i> , 0, , .	1.2	6

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91	Bi-k-bi clustering: mining large scale gene expression data using two-level biclustering. <i>International Journal of Data Mining and Bioinformatics</i> , 2010, 4, 701.	0.1	5
92	Special issue on microscopic image processing. <i>Signal, Image and Video Processing</i> , 2014, 8, 1-3.	2.7	5
93	Synthesis of 3-aryl-4-aryl-1-isopropylamino-4-piperidinols and evaluation of the cytotoxicities of the compounds against human hepatoma and breast cancer cell lines. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2015, 30, 564-568.	5.2	5
94	Cytotoxicities of novel hydrazone compounds with pyrrolidine moiety: inhibition of mitochondrial respiration may be a possible mechanism of action for the cytotoxicity of new hydrazones. <i>Medicinal Chemistry Research</i> , 2018, 27, 2116-2124.	2.4	5
95	Intermittent Hypoxia-Induced Activation of Endothelial Cells Is Mediated via Sympathetic Activation-Dependent Catecholamine Release. <i>Frontiers in Physiology</i> , 2021, 12, 701995.	2.8	5
96	Synthesis of Some Substituted 6-Phenyl Purine Analogues and Their Biological Evaluation as Cytotoxic Agents. <i>Acta Chimica Slovenica</i> , 2017, 64, 621-632.	0.6	5
97	Cytotoxicity of Hydrazones of Morpholine Bearing Mannich Bases Towards Huh7 and T47D Cell Lines and Their Effects on Mitochondrial Respiration. <i>Letters in Drug Design and Discovery</i> , 2016, 13, 734-741.	0.7	5
98	Identification of an mRNA isoform switch for HNRNPA1 in breast cancers. <i>Scientific Reports</i> , 2021, 11, 24444.	3.3	5
99	Nuclear Exclusion of p33ING1b Tumor Suppressor Protein: Explored in HCC Cells Using a New Highly Specific Antibody. <i>Hybridoma</i> , 2009, 28, 1-6.	0.4	4
100	Retinoid N-(1H-benzo[d]imidazol-2-yl)-5,5,8,8-tetramethyl-5,6,7,8-tetrahydronaphthalene-2-carboxamide induces p21-dependent senescence in breast cancer cells. <i>Steroids</i> , 2016, 108, 31-38.	1.8	4
101	Identification of small-molecule urea derivatives as novel NAMPT inhibitors via pharmacophore-based virtual screening. <i>Bioorganic and Medicinal Chemistry</i> , 2020, 28, 115217.	3.0	4
102	Multiplication free neural network for cancer stem cell detection in H-and-E stained liver images. , 2017, , .		3
103	Cardiac Glycosides and Oxidative Stress in Liver Cancer. , 2018, , 55-61.		3
104	Design, Synthesis, and Biological Evaluation of Novel Triazolothiadiazoles Derived From NSAIDs as Anticancer Agents. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2021, 21, .	1.7	3
105	Design, Synthesis and In Vitro Cytotoxic Activity of New 6,9-Disubstituted Purine Analogues. <i>Acta Chimica Slovenica</i> , 2020, 67, 70-82.	0.6	3
106	EGF-SNX3-EGFR axis drives tumor progression and metastasis in triple-negative breast cancers. <i>Oncogene</i> , 2021, , .	5.9	3
107	Context dependent isoform specific PI3K inhibition confers drug resistance in hepatocellular carcinoma cells. <i>BMC Cancer</i> , 2022, 22, 320.	2.6	3
108	SLPred: a multi-view subcellular localization prediction tool for multi-location human proteins. <i>Bioinformatics</i> , 2022, 38, 4226-4229.	4.1	3

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109	Application of Data Mining Techniques to Protein-Protein Interaction Prediction. Lecture Notes in Computer Science, 2003, , 316-323.	1.3	2
110	Classification of Hematoxylin and Eosin Images Using Local Binary Patterns and 1-D SIFT Algorithm. Proceedings (mdpi), 2018, 2, .	0.2	2
111	Identification of Relative Protein Bands in Polyacrylamide Gel Electrophoresis (PAGE) Using a Multi-Resolution Snake Algorithm. BioTechniques, 1999, 26, 1162-1169.	1.8	1
112	Data Sources and Computational Approaches for Generating Models of Gene Regulatory Networks. Reviews in Computational Chemistry, 2005, , 381-411.	1.5	1
113	Synthesis and Cytotoxic Activity of Novel 3-methyl-1-[(4-substitutedpiperazin-1-yl)methyl]-1H-indole Derivatives. Arzneimittelforschung, 2012, 62, 389-394.	0.4	1
114	Microscopic image classification via &#x2102;WT-based covariance descriptors using Kullback-Leibler distance. , 2012, , .		1
115	A supervised learning model for live cell segmentation. , 2014, , .		1
116	Multi-resolution super-pixels and their applications on fluorescent mesenchymal stem cells images using 1-D SIFT merging. , 2015, , .		1
117	Detection of Cancer Stem Cells in microscopic images by using region covariance and codifference method. , 2015, , .		1
118	Mixture of learners for cancer stem cell detection using CD13 and H and E stained images. Proceedings of SPIE, 2016, , .	0.8	1
119	EClerize: A customized force-directed graph drawing algorithm for biological graphs with EC attributes. Journal of Bioinformatics and Computational Biology, 2018, 16, 1850007.	0.8	1
120	Abstract 3937: Differential alteration of IL-8 in liver cancer stem cell enrichment in response to PI3K/Akt/mTOR inhibitors and sorafenib. , 2018, , .		1
121	Synthesis of Novel Benzothiazole-Piperazine Derivatives and Their Biological Evaluation as Acetylcholinesterase Inhibitors and Cytotoxic Agents. Anti-Cancer Agents in Medicinal Chemistry, 2018, 17, 1837-1845.	1.7	1
122	Identification of relative protein bands in polyacrylamide gel electrophoresis (PAGE) using multiresolution snake algorithm. , 0, , .		0
123	A Novel Model-based Method for Feature Extraction from Protein Sequences for Classification. , 0, , .		0
124	Short time series microarray data analysis and biological annotation. , 2008, , .		0
125	MAb 15B9 Against p33ING1b Tumor Suppressor Protein. Hybridoma, 2009, 28, 77-77.	0.4	0
126	Unsupervised segmentation of live cell images using Gaussian modeling. , 2011, , .		0



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127	Carcinoma cell line discrimination in microscopic images using unbalanced wavelets. , 2012, , .		0
128	P0402 : Combination therapy for hepatocellular carcinoma: A systems biology perspective on the synergistic antitumor activity of sorafenib with PI3K/AKT pathway inhibitors. Journal of Hepatology, 2015, 62, S464.	3.7	0
129	P0449 : Non steroidal anti inflammatory drugs in liver fibrosis. Journal of Hepatology, 2015, 62, S481.	3.7	0
130	Wavelet merged multi-resolution super-pixels and their applications on fluorescent MSC images. , 2015, , .		0
131	Sequential treatment of HCC cells with PI3K/Akt/mTOR pathway inhibitors prior to sorafenib attenuates cancer stem cell population. European Journal of Cancer, 2016, 61, S77.	2.8	0
132	Bioactivities of novel boehmeriasin derivatives in liver cancer cells. European Journal of Cancer, 2016, 61, S133.	2.8	0
133	Classification of human carcinoma cells using multispectral imagery. Proceedings of SPIE, 2016, , .	0.8	0
134	Automated cancer stem cell recognition in H and E stained tissue using convolutional neural networks and color deconvolution. Proceedings of SPIE, 2017, , .	0.8	0
135	Gene mutations involved in drug resistance in liver cancer cells using a new rna-seq data analysis workflow. Annals of Oncology, 2017, 28, v13.	1.2	0
136	A visual object tracking benchmark for cell motility in time-lapse imaging. Signal, Image and Video Processing, 2019, 13, 1063-1070.	2.7	0
137	Transcriptome profiles associated with selenium-deficiency-dependent oxidative stress identify potential diagnostic and therapeutic targets in liver cancer cells. Turkish Journal of Biology, 2021, 45, 149-161.	0.8	0
138	Prediction of Protein Subcellular Localization Based on Primary Sequence Data. Lecture Notes in Computer Science, 2003, , 611-618.	1.3	0
139	Abstract A171: Cytotoxicity of novel substituted purine derivatives against liver cancer cells. , 2009, , .		0
140	Abstract LB-A08: Differential alteration of IL-8 in response to Sorafenib and PI3K/Akt/mTOR inhibitors in liver cancer cells and in liver cancer stem cells. , 2018, , .		0
141	Synthesis and Cytotoxicity Studies on Novel Piperazinylacetamides. Letters in Drug Design and Discovery, 2018, 16, 45-51.	0.7	0
142	Effects of small molecule inhibitors on liver cancer stem cells in comparison with Sorafenib. Turkish Journal of Gastroenterology, 2019, 30, 7-7.	1.1	0
143	Abstract 5235:In vitro validation of drug-target interactions revealed in silico by Comprehensive Resource of Biomedical Relations with Network Representations and Deep Learning (CROsBAR) in HCC. , 2020, , .		0
144	Data Centric Molecular Analysis and Evaluation of Hepatocellular Carcinoma Therapeutics Using Machine Intelligence-Based Tools. Journal of Gastrointestinal Cancer, 2021, 52, 1266-1276.	1.3	0

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145	Abstract 995: A new thiadiazine derivative induces oxidative stress dependent JNK pathway activation and cell death in hepatocellular carcinoma. , 2019, , .		0
146	Abstract 996: <i>In silico</i> modeling and <i>in vitro</i> validation of undefined off-target of drugs in hepatocellular carcinoma. , 2019, , .		0