

Ritu Aneja

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/9330955/ritu-aneja-publications-by-year.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

168
papers

4,115
citations

35
h-index

55
g-index

193
ext. papers

4,852
ext. citations

5.8
avg. IF

5.45
L-index

#	Paper	IF	Citations
168	Impact of the COVID-19 Pandemic on Alcohol Treatment Access and Harm Prevention in West Africa: Reports from NGOs and Community-Based Organizations.. <i>Journal of Epidemiology and Global Health</i> , 2022 , 1	5.5	
167	Epigenetic Determinants of Racial Disparity in Breast Cancer: Looking beyond Genetic Alterations.. <i>Cancers</i> , 2022 , 14,	6.6	1
166	Exosomal Metabolic Signatures Are Associated with Differential Response to Neoadjuvant Chemotherapy in Patients with Breast Cancer. <i>International Journal of Molecular Sciences</i> , 2022 , 23, 5324	6.3	1
165	Distinct Gene Expression Profiles of Matched Primary and Metastatic Triple-Negative Breast Cancers. <i>Cancers</i> , 2022 , 14, 2447	6.6	
164	Polyploid giant cancer cell characterization: New frontiers in predicting response to chemotherapy in breast cancer. <i>Seminars in Cancer Biology</i> , 2021 ,	12.7	3
163	Cancer as a prospective sequela of long COVID-19. <i>BioEssays</i> , 2021 , 43, e2000331	4.1	10
162	Undercutting efforts of precision medicine: roadblocks to minority representation in breast cancer clinical trials. <i>Breast Cancer Research and Treatment</i> , 2021 , 187, 605-611	4.4	1
161	Adrenal gland fine needle aspiration: a multi-institutional analysis of 139 cases. <i>Journal of the American Society of Cytopathology</i> , 2021 , 10, 168-174	2.4	2
160	Centrosome amplification: a quantifiable cancer cell trait with prognostic value in solid malignancies. <i>Cancer and Metastasis Reviews</i> , 2021 , 40, 319-339	9.6	4
159	Monoethanolamine-induced glucose deprivation promotes apoptosis through metabolic rewiring in prostate cancer. <i>Theranostics</i> , 2021 , 11, 9089-9106	12.1	2
158	Donor acceptor fluorophores: synthesis, optical properties, TD-DFT and cytotoxicity studies. <i>Organic and Biomolecular Chemistry</i> , 2021 , 19, 1835-1846	3.9	5
157	Disentangling the Coronavirus Disease 2019 Health Disparities in African Americans: Biological, Environmental, and Social Factors. <i>Open Forum Infectious Diseases</i> , 2021 , 8, ofab064	1	8
156	Prevalence and Mortality of Triple-Negative Breast Cancer in West Africa: Biologic and Sociocultural Factors. <i>JCO Global Oncology</i> , 2021 , 7, 1129-1140	3.7	0
155	Efficacy based ginger fingerprinting reveals potential antiproliferative analytes for triple negative breast cancer. <i>Scientific Reports</i> , 2020 , 10, 19182	4.9	2
154	A novel prognostic two-gene signature for triple negative breast cancer. <i>Modern Pathology</i> , 2020 , 33, 2208-2220	9.8	13
153	Protein Conformational Changes in Breast Cancer Sera Using Infrared Spectroscopic Analysis. <i>Cancers</i> , 2020 , 12,	6.6	13
152	A Quantitative Centrosomal Amplification Score Predicts Local Recurrence of Ductal Carcinoma. <i>Clinical Cancer Research</i> , 2020 , 26, 2898-2907	12.9	4

151	Hypoxia-Induced Centrosome Amplification Underlies Aggressive Disease Course in HPV-Negative Oropharyngeal Squamous Cell Carcinomas. <i>Cancers</i> , 2020 , 12,	6.6	2
150	Quadruple-Negative Breast Cancer: An Uneven Playing Field. <i>JCO Global Oncology</i> , 2020 , 6, 233-237	3.7	5
149	Combined HER3-EGFR score in triple-negative breast cancer provides prognostic and predictive significance superior to individual biomarkers. <i>Scientific Reports</i> , 2020 , 10, 3009	4.9	11
148	Spotlighting the hypoxia-centrosome amplification axis. <i>Medicinal Research Reviews</i> , 2020 , 40, 1508-1513	4.4	2
147	Molecular profiling and quantitative image analysis reveal spatial intratumor heterogeneity in TNBC.. <i>Journal of Clinical Oncology</i> , 2020 , 38, e12536-e12536	2.2	
146	Quadruple-negative breast cancer: novel implications for a new disease. <i>Breast Cancer Research</i> , 2020 , 22, 127	8.3	5
145	SARS-CoV-2 Infection in Cancer Patients: Effects on Disease Outcomes and Patient Prognosis. <i>Cancers</i> , 2020 , 12,	6.6	9
144	HER2 immunohistochemistry staining positivity is strongly predictive of tumor response to neoadjuvant chemotherapy in HER2 positive breast cancer. <i>Pathology Research and Practice</i> , 2020 , 216, 153155	3.4	2
143	Clinicopathologic Factors Associated With Response to Neoadjuvant Anti-HER2-Directed Chemotherapy in HER2-Positive Breast Cancer. <i>Clinical Breast Cancer</i> , 2020 , 20, 19-24	3	12
142	Prognostic significance of cathepsin V (CTSV/CTSL2) in breast ductal carcinoma in situ. <i>Journal of Clinical Pathology</i> , 2020 , 73, 76-82	3.9	23
141	Predicting Metastasis Risk in Pancreatic Neuroendocrine Tumors Using Deep Learning Image Analysis. <i>Frontiers in Oncology</i> , 2020 , 10, 593211	5.3	3
140	Panoptic View of Prognostic Models for Personalized Breast Cancer Management. <i>Cancers</i> , 2019 , 11,	6.6	4
139	ROS- and HIF1 α -dependent IGFBP3 upregulation blocks IGF1 survival signaling and thereby mediates high-glucose-induced cardiomyocyte apoptosis. <i>Journal of Cellular Physiology</i> , 2019 , 234, 13557-13570	7.16	
138	Collagen (XI) alpha-1 chain is an independent prognostic factor in breast ductal carcinoma in situ. <i>Modern Pathology</i> , 2019 , 32, 1460-1472	9.8	13
137	Geometric characteristics of collagen have independent prognostic significance in breast ductal carcinoma in situ: an image analysis study. <i>Modern Pathology</i> , 2019 , 32, 1473-1485	9.8	6
136	Disadvantaged neighborhoods and racial disparity in breast cancer outcomes: the biological link. <i>Cancer Causes and Control</i> , 2019 , 30, 677-686	2.8	25
135	Monitoring the dynamics of hemeoxygenase-1 activation in head and neck cancer cells in real-time using plasmonically enhanced Raman spectroscopy. <i>Chemical Science</i> , 2019 , 10, 4876-4882	9.4	9
134	Machine learning-based prediction of breast cancer growth rate in vivo. <i>British Journal of Cancer</i> , 2019 , 121, 497-504	8.7	2

133	Prognostic Role of Androgen Receptor in Triple Negative Breast Cancer: A Multi-Institutional Study. <i>Cancers</i> , 2019 , 11,	6.6	27
132	A whole slide image-based machine learning approach to predict ductal carcinoma in situ (DCIS) recurrence risk. <i>Breast Cancer Research</i> , 2019 , 21, 83	8.3	22
131	Racial Disparities in Breast Cancer Outcomes in the Metropolitan Atlanta Area: New Insights and Approaches for Health Equity. <i>JNCI Cancer Spectrum</i> , 2019 , 3, pkz053	4.6	6
130	The persisting puzzle of racial disparity in triple negative breast cancer: looking through a new lens. <i>Frontiers in Bioscience - Scholar</i> , 2019 , 11, 75-88	2.4	9
129	Targeting risk factors for reducing the racially disparate burden in breast cancer. <i>Frontiers in Bioscience - Scholar</i> , 2019 , 11, 136-160	2.4	6
128	Time will tell: Circadian clock dysregulation in triple negative breast cancer. <i>Frontiers in Bioscience - Scholar</i> , 2019 , 11, 178-192	2.4	6
127	Roles of p38 α and p38 β mitogen-activated protein kinase isoforms in human malignant melanoma A375 cells. <i>International Journal of Molecular Medicine</i> , 2019 , 44, 2123-2132	4.4	6
126	The molecular mechanisms underlying reduced E-cadherin expression in invasive ductal carcinoma of the breast: high throughput analysis of large cohorts. <i>Modern Pathology</i> , 2019 , 32, 967-976	9.8	17
125	Inhibition of CPAP-tubulin interaction prevents proliferation of centrosome-amplified cancer cells. <i>EMBO Journal</i> , 2019 , 38,	13	12
124	Pharmacokinetic-pharmacodynamic correlations in the development of ginger extract as an anticancer agent. <i>Scientific Reports</i> , 2018 , 8, 3056	4.9	18
123	Prognostic significance of tumor-infiltrating lymphocytes in ductal carcinoma in situ of the breast. <i>Modern Pathology</i> , 2018 , 31, 1226-1236	9.8	40
122	Application of Combination High-Throughput Phenotypic Screening and Target Identification Methods for the Discovery of Natural Product-Based Combination Drugs. <i>Medicinal Research Reviews</i> , 2018 , 38, 504-524	14.4	36
121	Diallyl trisulfide suppresses doxorubicin-induced cardiomyocyte apoptosis by inhibiting MAPK/NF- κ B signaling through attenuation of ROS generation. <i>Environmental Toxicology</i> , 2018 , 33, 93-103	4.2	28
120	Pkc α Activation is Involved in ROS-Mediated Mitochondrial Dysfunction and Apoptosis in Cardiomyocytes Exposed to Advanced Glycation End Products (Ages) 2018 , 9, 647-663		25
119	Multitalented Ginger and Its Clinical Development for Cancer Treatment 2018 , 351-370		0
118	KIFC1 as a novel therapeutic target for p53 mutant colorectal cancer.. <i>Journal of Clinical Oncology</i> , 2018 , 36, e15585-e15585	2.2	1
117	Prediction of breast cancer growth rate In vivo and its clinical implications.. <i>Journal of Clinical Oncology</i> , 2018 , 36, e12581-e12581	2.2	
116	Panoptic Overview of Triple-Negative Breast Cancer in Nigeria: Current Challenges and Promising Global Initiatives. <i>Journal of Global Oncology</i> , 2018 , 4, 1-20	2.6	4

115	Comparing breast biomarker status between routine immunohistochemistry and FISH studies and Oncotype DX testing, a study of 610 cases. <i>Breast Journal</i> , 2018 , 24, 889-893	1.2	6
114	Multi-institutional study of nuclear KIFC1 as a biomarker of poor prognosis in African American women with triple-negative breast cancer. <i>Scientific Reports</i> , 2017 , 7, 42289	4.9	17
113	Amplified centrosomes and mitotic index display poor concordance between patient tumors and cultured cancer cells. <i>Scientific Reports</i> , 2017 , 7, 43984	4.9	12
112	Preclinical Development of a Nontoxic Oral Formulation of Monoethanolamine, a Lipid Precursor, for Prostate Cancer Treatment. <i>Clinical Cancer Research</i> , 2017 , 23, 3781-3793	12.9	4
111	Immunohistochemical Classification of Ampullary Carcinomas: Critical Reappraisal Fails to Confirm Prognostic Relevance for Recently Proposed Panels, and Highlights MUC5AC as a Strong Prognosticator. <i>American Journal of Surgical Pathology</i> , 2017 , 41, 865-876	6.7	17
110	Centrosome amplification: a suspect in breast cancer and racial disparities. <i>Endocrine-Related Cancer</i> , 2017 , 24, T47-T64	5.7	12
109	Effects of heterocyclic N -alkyl chain length on cancer cell uptake of near infrared heptamethine cyanine dyes. <i>Dyes and Pigments</i> , 2017 , 145, 307-314	4.6	10
108	Multinucleated polyploidy drives resistance to Docetaxel chemotherapy in prostate cancer. <i>British Journal of Cancer</i> , 2017 , 116, 1186-1194	8.7	64
107	Prognostic value of CA20, a score based on centrosome amplification-associated genes, in breast tumors. <i>Scientific Reports</i> , 2017 , 7, 262	4.9	15
106	Targeted drugs and diagnostic assays: Companions in the race to combat ethnic disparity. <i>Frontiers in Bioscience - Landmark</i> , 2017 , 22, 193-211	2.8	5
105	Rho-GTPase activating-protein 18: a biomarker associated with good prognosis in invasive breast cancer. <i>British Journal of Cancer</i> , 2017 , 117, 1176-1184	8.7	10
104	Galangin suppresses H ₂ O ₂ -induced aging in human dermal fibroblasts. <i>Environmental Toxicology</i> , 2017 , 32, 2419-2427	4.2	14
103	Novel immunohistochemistry-based signatures to predict metastatic site of triple-negative breast cancers. <i>British Journal of Cancer</i> , 2017 , 117, 826-834	8.7	7
102	Absorption, Metabolic Stability, and Pharmacokinetics of Ginger Phytochemicals. <i>Molecules</i> , 2017 , 22,	4.8	29
101	Tackling intra- and inter-tumor heterogeneity to combat triple negative breast cancer. <i>Frontiers in Bioscience - Landmark</i> , 2017 , 22, 1549-1580	2.8	7
100	Distinctions in Breast Tumor Recurrence Patterns Post-Therapy among Racially Distinct Populations. <i>PLoS ONE</i> , 2017 , 12, e0170095	3.7	7
99	Association of hypoxia-induced centrosome amplification with clinical outcomes in triple-negative breast cancer.. <i>Journal of Clinical Oncology</i> , 2017 , 35, e23170-e23170	2.2	
98	A novel prognostic signature based on centrosome amplification-based genes to predict clinical outcomes in breast tumors.. <i>Journal of Clinical Oncology</i> , 2017 , 35, 11604-11604	2.2	0

97	HER3-EGFR score to predict clinical outcomes in triple-negative breast cancer.. <i>Journal of Clinical Oncology</i> , 2017 , 35, 11612-11612	2.2	
96	Dynamic relationship between cycling kinetics of triple-negative breast cancer and tumor infiltrating immune cells.. <i>Journal of Clinical Oncology</i> , 2017 , 35, 1100-1100	2.2	
95	A centrosome clustering protein, KIFC1, predicts aggressive disease course in serous ovarian adenocarcinomas. <i>Journal of Ovarian Research</i> , 2016 , 9, 17	5.5	33
94	Biomarkers Predicting Pathologic Complete Response to Neoadjuvant Chemotherapy in Breast Cancer. <i>American Journal of Clinical Pathology</i> , 2016 , 145, 871-8	1.9	51
93	Phytocomplexity: The Key to Rational Chemoprevention 2016 , 39-87		
92	Evaluation of centrosome clustering protein KIFC1 as a potential prognostic biomarker in serous ovarian adenocarcinomas.. <i>Journal of Clinical Oncology</i> , 2016 , 34, e17083-e17083	2.2	3
91	Multi-institutional study of triple negative breast cancer stratification by a metric that quantifies cell cycling kinetics.. <i>Journal of Clinical Oncology</i> , 2016 , 34, 1091-1091	2.2	
90	Identifying likely metastatic sites for triple negative breast cancers using immunohistochemical biomarkers.. <i>Journal of Clinical Oncology</i> , 2016 , 34, 1092-1092	2.2	
89	Evaluation of the concordance between centrosome amplification and mitotic frequency between patient tumors and cultured cancer cells.. <i>Journal of Clinical Oncology</i> , 2016 , 34, e23285-e23285	2.2	
88	A combined HER3-EGFR score in triple-negative breast cancer: racial differences.. <i>Journal of Clinical Oncology</i> , 2016 , 34, e12560-e12560	2.2	
87	The more the messier: centrosome amplification as a novel biomarker for personalized treatment of colorectal cancers. <i>Journal of Biomedical Research</i> , 2016 , 30, 441-451	1.5	6
86	Microtubule-Binding Proteins as Promising Biomarkers of Paclitaxel Sensitivity in Cancer Chemotherapy. <i>Medicinal Research Reviews</i> , 2016 , 36, 300-12	14.4	31
85	Diverse roles of HDAC6 in viral infection: Implications for antiviral therapy. <i>Pharmacology & Therapeutics</i> , 2016 , 164, 120-5	13.9	11
84	Stromal PD-L1 Expression Is Associated With Better Disease-Free Survival in Triple-Negative Breast Cancer. <i>American Journal of Clinical Pathology</i> , 2016 , 146, 496-502	1.9	66
83	Ginger augmented chemotherapy: A novel multitarget nontoxic approach for cancer management. <i>Molecular Nutrition and Food Research</i> , 2016 , 60, 1364-73	5.9	9
82	Docetaxel-induced polyploidization may underlie chemoresistance and disease relapse. <i>Cancer Letters</i> , 2015 , 367, 89-92	9.9	44
81	Amplified centrosomes may underlie aggressive disease course in pancreatic ductal adenocarcinoma. <i>Cell Cycle</i> , 2015 , 14, 2798-809	4.7	13
80	Turning the headlights on novel cancer biomarkers: Inspection of mechanics underlying intratumor heterogeneity. <i>Molecular Aspects of Medicine</i> , 2015 , 45, 3-13	16.7	11

79	Die-hard survivors: heterogeneity in apoptotic thresholds may underlie chemoresistance. <i>Expert Review of Anticancer Therapy</i> , 2015 , 15, 277-81	3.5	8
78	Synergistic interactions among flavonoids and acetogenins in Graviola (<i>Annona muricata</i>) leaves confer protection against prostate cancer. <i>Carcinogenesis</i> , 2015 , 36, 656-65	4.6	76
77	Design, synthesis and biological evaluation of di-substituted noscapine analogs as potent and microtubule-targeted anticancer agents. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015 , 25, 2133-40	2.9	10
76	Preclinical Evaluation of DMA, a Bisbenzimidazole, as Radioprotector: Toxicity, Pharmacokinetics, and Biodistribution Studies in Balb/c Mice. <i>Molecular Pharmacology</i> , 2015 , 88, 768-78	4.3	7
75	How to be good at being bad: centrosome amplification and mitotic propensity drive intratumoral heterogeneity. <i>Cancer and Metastasis Reviews</i> , 2015 , 34, 703-13	9.6	7
74	The Noscapine Chronicle: A Pharmaco-Historic Biography of the Opiate Alkaloid Family and its Clinical Applications. <i>Medicinal Research Reviews</i> , 2015 , 35, 1072-96	14.4	68
73	Wheat germ agglutinin anchored chitosan microspheres of reduced brominated derivative of noscapine ameliorated acute inflammation in experimental colitis. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015 , 132, 225-35	6	18
72	Noscapine recirculates enterohepatically and induces self-clearance. <i>European Journal of Pharmaceutical Sciences</i> , 2015 , 77, 90-9	5.1	5
71	Rampant centrosome amplification underlies more aggressive disease course of triple negative breast cancers. <i>Oncotarget</i> , 2015 , 6, 10487-97	3.3	43
70	HSET overexpression fuels tumor progression via centrosome clustering-independent mechanisms in breast cancer patients. <i>Oncotarget</i> , 2015 , 6, 6076-91	3.3	49
69	The Human Kinesin-14 Motor KifC1/HSET Is an Attractive Anti-cancer Drug Target 2015 , 101-116		0
68	Synthesis and evaluation of antiproliferative activity of a novel series of hydroxychavicol analogs. <i>European Journal of Medicinal Chemistry</i> , 2014 , 75, 1-10	6.8	10
67	Interphase microtubules: chief casualties in the war on cancer?. <i>Drug Discovery Today</i> , 2014 , 19, 824-9	8.8	29
66	Enterohepatic recirculation of bioactive ginger phytochemicals is associated with enhanced tumor growth-inhibitory activity of ginger extract. <i>Carcinogenesis</i> , 2014 , 35, 1320-9	4.6	33
65	Hydroxychavicol, a betel leaf component, inhibits prostate cancer through ROS-driven DNA damage and apoptosis. <i>Toxicology and Applied Pharmacology</i> , 2014 , 280, 86-96	4.6	48
64	CYLD mediates ciliogenesis in multiple organs by deubiquitinating Cep70 and inactivating HDAC6. <i>Cell Research</i> , 2014 , 24, 1342-53	24.7	74
63	Novel third-generation water-soluble noscapine analogs as superior microtubule-interfering agents with enhanced antiproliferative activity. <i>Biochemical Pharmacology</i> , 2014 , 92, 192-205	6	14
62	KIFCI, a novel putative prognostic biomarker for ovarian adenocarcinomas: delineating protein interaction networks and signaling circuitries. <i>Journal of Ovarian Research</i> , 2014 , 7, 53	5.5	30

61	Modulation of cytochrome P450 metabolism and transport across intestinal epithelial barrier by ginger biophenolics. <i>PLoS ONE</i> , 2014 , 9, e108386	3.7	28
60	Piper betel leaf: a reservoir of potential xenohormetic nutraceuticals with cancer-fighting properties. <i>Cancer Prevention Research</i> , 2014 , 7, 477-86	3.2	30
59	Mitochondrial genome regulates mitotic fidelity by maintaining centrosomal homeostasis. <i>Cell Cycle</i> , 2014 , 13, 2056-63	4.7	15
58	Cyclodextrin complexes of reduced bromonoscipine in guar gum microspheres enhance colonic drug delivery. <i>Molecular Pharmaceutics</i> , 2014 , 11, 4339-49	5.6	27
57	Enhanced noscapine delivery using estrogen-receptor-targeted nanoparticles for breast cancer therapy. <i>Anti-Cancer Drugs</i> , 2014 , 25, 704-16	2.4	20
56	Heading off with the herd: how cancer cells might maneuver supernumerary centrosomes for directional migration. <i>Cancer and Metastasis Reviews</i> , 2013 , 32, 269-87	9.6	62
55	Ginger phytochemicals exhibit synergy to inhibit prostate cancer cell proliferation. <i>Nutrition and Cancer</i> , 2013 , 65, 263-72	2.8	74
54	Sterically stabilized gelatin microassemblies of noscapine enhance cytotoxicity, apoptosis and drug delivery in lung cancer cells. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013 , 107, 235-44	6	35
53	Piper betel leaf extract: anticancer benefits and bio-guided fractionation to identify active principles for prostate cancer management. <i>Carcinogenesis</i> , 2013 , 34, 1558-66	4.6	30
52	Polar biophenolics in sweet potato greens extract synergize to inhibit prostate cancer cell proliferation and in vivo tumor growth. <i>Carcinogenesis</i> , 2013 , 34, 2039-49	4.6	12
51	Near infrared active heptacyanine dyes with unique cancer-imaging and cytotoxic properties. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012 , 22, 1242-6	2.9	21
50	In silico inspired design and synthesis of a novel tubulin-binding anti-cancer drug: folate conjugated noscapine (Targetin). <i>Journal of Computer-Aided Molecular Design</i> , 2012 , 26, 233-47	4.2	23
49	Benefits of whole ginger extract in prostate cancer. <i>British Journal of Nutrition</i> , 2012 , 107, 473-84	3.6	89
48	Molecular cycloencapsulation augments solubility and improves therapeutic index of brominated noscapine in prostate cancer cells. <i>Molecular Pharmaceutics</i> , 2012 , 9, 1470-80	5.6	28
47	A novel microtubule-modulating agent EM011 inhibits angiogenesis by repressing the HIF-1 α axis and disrupting cell polarity and migration. <i>Carcinogenesis</i> , 2012 , 33, 1769-81	4.6	15
46	Cep70 contributes to angiogenesis by modulating microtubule rearrangement and stimulating cell polarization and migration. <i>Cell Cycle</i> , 2012 , 11, 1554-63	4.7	29
45	Polyphenol-rich sweet potato greens extract inhibits proliferation and induces apoptosis in prostate cancer cells in vitro and in vivo. <i>Carcinogenesis</i> , 2011 , 32, 1872-80	4.6	49
44	Long-circulating poly(ethylene glycol)-grafted gelatin nanoparticles customized for intracellular delivery of noscapine: preparation, in-vitro characterization, structure elucidation, pharmacokinetics, and cytotoxicity analyses. <i>Anti-Cancer Drugs</i> , 2011 , 22, 543-55	2.4	51

43	Enhanced noscapine delivery using uPAR-targeted optical-MR imaging trackable nanoparticles for prostate cancer therapy. <i>Journal of Controlled Release</i> , 2011 , 149, 314-22	11.7	70
42	LHRH-conjugated lytic peptides directly target prostate cancer cells. <i>Biochemical Pharmacology</i> , 2011 , 81, 104-10	6	25
41	Synergistic antimicrotubule therapy for prostate cancer. <i>Biochemical Pharmacology</i> , 2011 , 81, 478-87	6	14
40	Second generation benzofuranone ring substituted noscapine analogs: synthesis and biological evaluation. <i>Biochemical Pharmacology</i> , 2011 , 82, 110-21	6	47
39	Rational design, synthesis and biological evaluations of amino-noscapine: a high affinity tubulin-binding noscapinoid. <i>Journal of Computer-Aided Molecular Design</i> , 2011 , 25, 443-54	4.2	41
38	Drugs that target dynamic microtubules: a new molecular perspective. <i>Medicinal Research Reviews</i> , 2011 , 31, 443-81	14.4	366
37	Regulation of Tat acetylation and transactivation activity by the microtubule-associated deacetylase HDAC6. <i>Journal of Biological Chemistry</i> , 2011 , 286, 9280-6	5.4	55
36	CEP70 protein interacts with β -tubulin to localize at the centrosome and is critical for mitotic spindle assembly. <i>Journal of Biological Chemistry</i> , 2011 , 286, 33401-8	5.4	30
35	DNA polymerase β is a novel target for chemotherapeutic intervention of colorectal cancer. <i>PLoS ONE</i> , 2011 , 6, e16691	3.7	35
34	Induction of reactive oxygen species-mediated autophagy by a novel microtubule-modulating agent. <i>Journal of Biological Chemistry</i> , 2010 , 285, 18737-48	5.4	68
33	A novel microtubule-modulating agent induces mitochondrially driven caspase-dependent apoptosis via mitotic checkpoint activation in human prostate cancer cells. <i>European Journal of Cancer</i> , 2010 , 46, 1668-78	7.5	35
32	High-performance liquid chromatography separation of enantiomers of mandelic acid and its analogs on a chiral stationary phase. <i>Chirality</i> , 2010 , 22, 479-85	2.1	12
31	Inclusion complexes of noscapine in beta-cyclodextrin offer better solubility and improved pharmacokinetics. <i>Cancer Chemotherapy and Pharmacology</i> , 2010 , 65, 537-48	3.5	32
30	Non-toxic melanoma therapy by a novel tubulin-binding agent. <i>International Journal of Cancer</i> , 2010 , 126, 256-65	7.5	24
29	Synthesis and characterization of noscapine loaded magnetic polymeric nanoparticles. <i>Journal of Magnetism and Magnetic Materials</i> , 2010 , 322, 190-196	2.8	30
28	Potent anti-inflammatory activity of novel microtubule-modulating brominated noscapine analogs. <i>PLoS ONE</i> , 2010 , 5, e9165	3.7	27
27	9-bromonoscapine-induced mitotic arrest of cigarette smoke condensate-transformed breast epithelial cells. <i>Journal of Cellular Biochemistry</i> , 2009 , 106, 1146-56	4.7	16
26	EM011 activates a survivin-dependent apoptotic program in human non-small cell lung cancer cells. <i>Molecular Cancer</i> , 2009 , 8, 93	42.1	29

25	Multidrug resistance-associated protein-overexpressing teniposide-resistant human lymphomas undergo apoptosis by a tubulin-binding agent. <i>Cancer Research</i> , 2008 , 68, 1495-503	10.1	26
24	Parkin regulates Eg5 expression by Hsp70 ubiquitination-dependent inactivation of c-Jun NH2-terminal kinase. <i>Journal of Biological Chemistry</i> , 2008 , 283, 35783-8	5.4	31
23	Preclinical pharmacokinetics and bioavailability of noscapine, a tubulin-binding anticancer agent. <i>Cancer Chemotherapy and Pharmacology</i> , 2007 , 60, 831-9	3.5	73
22	PO(2)-dependent differential regulation of multidrug resistance 1 gene expression by the c-Jun NH2-terminal kinase pathway. <i>Journal of Biological Chemistry</i> , 2007 , 282, 17581-6	5.4	28
21	p53 and p21 determine the sensitivity of noscapine-induced apoptosis in colon cancer cells. <i>Cancer Research</i> , 2007 , 67, 3862-70	10.1	64
20	Nonimmunosuppressive chemotherapy: EM011-treated mice mount normal T-cell responses to an acute lymphocytic choriomeningitis virus infection. <i>Molecular Cancer Therapeutics</i> , 2007 , 6, 2891-9	6.1	10
19	Synthesis of microtubule-interfering halogenated noscapine analogs that perturb mitosis in cancer cells followed by cell death. <i>Biochemical Pharmacology</i> , 2006 , 72, 415-26	6	76
18	Inhibition of the mitotic kinesin Eg5 up-regulates Hsp70 through the phosphatidylinositol 3-kinase/Akt pathway in multiple myeloma cells. <i>Journal of Biological Chemistry</i> , 2006 , 281, 18090-7	5.4	40
17	Rational design of the microtubule-targeting anti-breast cancer drug EM015. <i>Cancer Research</i> , 2006 , 66, 3782-91	10.1	53
16	Treatment of hormone-refractory breast cancer: apoptosis and regression of human tumors implanted in mice. <i>Molecular Cancer Therapeutics</i> , 2006 , 5, 2366-77	6.1	41
15	Reversal of P-glycoprotein-mediated multidrug resistance in cancer cells by the c-Jun NH2-terminal kinase. <i>Cancer Research</i> , 2006 , 66, 445-52	10.1	95
14	Development of a novel nitro-derivative of noscapine for the potential treatment of drug-resistant ovarian cancer and T-cell lymphoma. <i>Molecular Pharmacology</i> , 2006 , 69, 1801-9	4.3	70
13	Drug-resistant T-lymphoid tumors undergo apoptosis selectively in response to an antimicrotubule agent, EM011. <i>Blood</i> , 2006 , 107, 2486-92	2.2	59
12	Synthesis and biological evaluation of a cyclic ether fluorinated noscapine analog. <i>Bioorganic and Medicinal Chemistry</i> , 2006 , 14, 8352-8	3.4	35
11	EM012, a microtubule-interfering agent, inhibits the progression of multidrug-resistant human ovarian cancer both in cultured cells and in athymic nude mice. <i>Cancer Chemotherapy and Pharmacology</i> , 2005 , 55, 461-5	3.5	32
10	Ameliorating effect of phytoestrogens on CCl4-induced oxidative stress in the livers of male Wistar rats. <i>Artificial Cells, Blood Substitutes, and Biotechnology</i> , 2005 , 33, 201-13		17
9	Enhancement of paclitaxel-induced microtubule stabilization, mitotic arrest, and apoptosis by the microtubule-targeting agent EM012. <i>Biochemical Pharmacology</i> , 2004 , 68, 2435-41	6	28
8	Stimulation of lipid peroxidation and impairment of glutathione-dependent defense system in Wistar rats treated with cryptopine, a rare non-narcotic opium alkaloid. <i>European Journal of Drug Metabolism and Pharmacokinetics</i> , 2004 , 29, 31-6	2.7	1

7	Papaverine, an opium alkaloid influences hepatic and pulmonary glutathione S-transferase activity and glutathione content in rats. <i>European Journal of Drug Metabolism and Pharmacokinetics</i> , 2004 , 29, 107-10	2.7	1
6	Modulatory influence of noscapine on the ethanol-altered hepatic biotransformation system enzymes, glutathione content and lipid peroxidation in vivo in rats. <i>European Journal of Drug Metabolism and Pharmacokinetics</i> , 2004 , 29, 157-62	2.7	5
5	Effect of gossypol in association with chromium protoporphyrin on heme metabolic enzymes. <i>Artificial Cells, Blood Substitutes, and Biotechnology</i> , 2004 , 32, 159-72		4
4	Modulatory influence of tin-protoporphyrin on gossypol-induced alterations of heme oxygenase activity in male Wistar rats. <i>European Journal of Drug Metabolism and Pharmacokinetics</i> , 2003 , 28, 237-43 ^{2.7}		3
3	Brominated derivatives of noscapine are potent microtubule-interfering agents that perturb mitosis and inhibit cell proliferation. <i>Molecular Pharmacology</i> , 2003 , 63, 799-807	4.3	133
2	A Convenient Synthesis of Aryl-Substituted N-Carbamoyl/N-Thiocarbamoyl Narcotine and Related Compounds. <i>Helvetica Chimica Acta</i> , 2002 , 85, 2458-2462	2	23
1	An opium alkaloid-papaverine ameliorates ethanol-induced hepatotoxicity: Diminution of oxidative stress. <i>Indian Journal of Clinical Biochemistry</i> , 2000 , 15, 155-60	2.2	33