

Yoon-Sim Yap

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.

55
papers

1,056
citations

16
h-index

31
g-index

58
ext. papers

1,427
ext. citations

6.9
avg, IF

3.72
L-index

#	Paper	IF	Citations
55	Clinical validation of an ultra high-throughput spiral microfluidics for the detection and enrichment of viable circulating tumor cells. <i>PLoS ONE</i> , 2014 , 9, e99409	3.7	139
54	Genotype-Phenotype Correlation in NF1: Evidence for a More Severe Phenotype Associated with Missense Mutations Affecting NF1 Codons 844-848. <i>American Journal of Human Genetics</i> , 2018 , 102, 69-87	11	93
53	The NF1 gene revisited - from bench to bedside. <i>Oncotarget</i> , 2014 , 5, 5873-92	3.3	91
52	Chromosome 1q21.3 amplification is a trackable biomarker and actionable target for breast cancer recurrence. <i>Nature Medicine</i> , 2017 , 23, 1319-1330	50.5	77
51	Minimal clinically important difference (MCID) for the functional assessment of cancer therapy: cognitive function (FACT-Cog) in breast cancer patients. <i>Journal of Clinical Epidemiology</i> , 2014 , 67, 811-20	5.7	65
50	Brain-derived neurotrophic factor genetic polymorphism (rs6265) is protective against chemotherapy-associated cognitive impairment in patients with early-stage breast cancer. <i>Neuro-Oncology</i> , 2016 , 18, 244-51	1	56
49	Insights Into Breast Cancer in the East vs the West: A Review. <i>JAMA Oncology</i> , 2019 , 5, 1489-1496	13.4	47
48	Contrasting Epidemiology and Clinicopathology of Female Breast Cancer in Asians vs the US Population. <i>Journal of the National Cancer Institute</i> , 2019 , 111, 1298-1306	9.7	47
47	Predictors of Hand-Foot Syndrome and Pyridoxine for Prevention of Capecitabine-Induced Hand-Foot Syndrome: A Randomized Clinical Trial. <i>JAMA Oncology</i> , 2017 , 3, 1538-1545	13.4	42
46	Inherited breast cancer predisposition in Asians: multigene panel testing outcomes from Singapore. <i>Npj Genomic Medicine</i> , 2016 , 1, 15003	6.2	31
45	Distinct and heterogeneous trajectories of self-perceived cognitive impairment among Asian breast cancer survivors. <i>Psycho-Oncology</i> , 2018 , 27, 1185-1192	3.9	25
44	Whole-exome sequencing of breast cancer, malignant peripheral nerve sheath tumor and neurofibroma from a patient with neurofibromatosis type 1. <i>Cancer Medicine</i> , 2015 , 4, 1871-8	4.8	25
43	Low-dose anti-inflammatory combinatorial therapy reduced cancer stem cell formation in patient-derived preclinical models for tumour relapse prevention. <i>British Journal of Cancer</i> , 2019 , 120, 407-423	8.7	21
42	Treating HR+/HER2- breast cancer in premenopausal Asian women: Asian Breast Cancer Cooperative Group 2019 Consensus and position on ovarian suppression. <i>Breast Cancer Research and Treatment</i> , 2019 , 177, 549-559	4.4	20
41	Pharmacogenetics of UGT1A4, UGT2B7 and UGT2B15 and Their Influence on Tamoxifen Disposition in Asian Breast Cancer Patients. <i>Clinical Pharmacokinetics</i> , 2016 , 55, 1239-1250	6.2	20
40	Breast cancer risk in neurofibromatosis type 1 is a function of the type of gene mutation: a new genotype-phenotype correlation. <i>Journal of Medical Genetics</i> , 2019 , 56, 209-219	5.8	19
39	Integrative Analysis and Machine Learning based Characterization of Single Circulating Tumor Cells. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	16

38	Association of CYP2C19*2 and associated haplotypes with lower norendoxifen concentrations in tamoxifen-treated Asian breast cancer patients. <i>British Journal of Clinical Pharmacology</i> , 2016 , 81, 1142-52	3.8	16
37	A preliminary study for the assessment of PD-L1 and PD-L2 on circulating tumor cells by microfluidic-based chipcytometry. <i>Future Science OA</i> , 2017 , 3, FSO244	2.7	15
36	Elucidating therapeutic molecular targets in premenopausal Asian women with recurrent breast cancers. <i>Npj Breast Cancer</i> , 2018 , 4, 19	7.8	15
35	Predictive Factors for BRCA1 and BRCA2 Genetic Testing in an Asian Clinic-Based Population. <i>PLoS ONE</i> , 2015 , 10, e0134408	3.7	14
34	Phase I Trial of Expanded, Activated Autologous NK-cell Infusions with Trastuzumab in Patients with HER2-positive Cancers. <i>Clinical Cancer Research</i> , 2020 , 26, 4494-4502	12.9	13
33	Evaluation of three polygenic risk score models for the prediction of breast cancer risk in Singapore Chinese. <i>Oncotarget</i> , 2018 , 9, 12796-12804	3.3	13
32	Replication and Meta-analysis of the Association between BDNF Val66Met Polymorphism and Cognitive Impairment in Patients Receiving Chemotherapy. <i>Molecular Neurobiology</i> , 2019 , 56, 4741-4750	6.2	12
31	Breast cancer in women with neurofibromatosis type 1 (NF1): a comprehensive case series with molecular insights into its aggressive phenotype. <i>Breast Cancer Research and Treatment</i> , 2018 , 171, 719-735	4.4	11
30	Impact of deviation from guideline recommended treatment on breast cancer survival in Asia. <i>Scientific Reports</i> , 2020 , 10, 1330	4.9	10
29	Association of mitochondrial DNA content in peripheral blood with cancer-related fatigue and chemotherapy-related cognitive impairment in early-stage breast cancer patients: a prospective cohort study. <i>Breast Cancer Research and Treatment</i> , 2018 , 168, 713-721	4.4	10
28	Identification of Novel Breast Cancer Risk Loci. <i>Cancer Research</i> , 2017 , 77, 5428-5437	10.1	10
27	Patient Management with Eribulin in Metastatic Breast Cancer: A Clinical Practice Guide. <i>Journal of Breast Cancer</i> , 2016 , 19, 8-17	3	10
26	Tissue-specific cell-free DNA degradation quantifies circulating tumor DNA burden. <i>Nature Communications</i> , 2021 , 12, 2229	17.4	9
25	Detection and prognostic relevance of circulating tumour cells (CTCs) in Asian breast cancers using a label-free microfluidic platform. <i>PLoS ONE</i> , 2019 , 14, e0221305	3.7	7
24	Patterns of relapse after neoadjuvant chemotherapy in breast cancer: implications for surveillance in clinical practice. <i>Breast Cancer Research and Treatment</i> , 2019 , 177, 197-206	4.4	7
23	Assessment of PARP4 as a candidate breast cancer susceptibility gene. <i>Breast Cancer Research and Treatment</i> , 2019 , 177, 145-153	4.4	6
22	A Phase I Study of LSZ102, an Oral Selective Estrogen Receptor Degradar, with or without Ribociclib or Alpelisib, in Patients with Estrogen Receptor-Positive Breast Cancer. <i>Clinical Cancer Research</i> , 2021 , 27, 5760-5770	12.9	6
21	Neratinib after trastuzumab-based adjuvant therapy in patients from Asia with early stage HER2-positive breast cancer. <i>Future Oncology</i> , 2019 , 15, 2489-2501	3.6	5

20	Fatty acid oxidation is a druggable gateway regulating cellular plasticity for driving metastasis in breast cancer. <i>Science Advances</i> , 2021 , 7, eabh2443	14.3	5
19	Evaluation of brain-derived neurotrophic factor (BDNF) genetic polymorphism (rs6265) on chemotherapy-associated cognitive impairment in early-stage breast cancer (ESBC) patients.. <i>Journal of Clinical Oncology</i> , 2015 , 33, 9616-9616	2.2	4
18	Detection of genomic alterations in breast cancer with circulating tumour DNA sequencing. <i>Scientific Reports</i> , 2020 , 10, 16774	4.9	4
17	Impact of Cryotherapy on Sensory, Motor, and Autonomic Neuropathy in Breast Cancer Patients Receiving Paclitaxel: A Randomized, Controlled Trial. <i>Frontiers in Neurology</i> , 2020 , 11, 604688	4.1	3
16	Effects of housing value and medical subsidy on treatment and outcomes of breast cancer patients in Singapore: A retrospective cohort study. <i>The Lancet Regional Health - Western Pacific</i> , 2021 , 6, 100065 ⁵		3
15	Microfluidic studies of hydrostatic pressure-enhanced doxorubicin resistance in human breast cancer cells. <i>Lab on A Chip</i> , 2021 , 21, 746-754	7.2	3
14	Validation of a Risk Score Incorporating Tumor Characteristics into the American Joint Committee on Cancer Anatomic Stage for Breast Cancer. <i>Journal of Breast Cancer</i> , 2019 , 22, 260-273	3	2
13	BioPATH: A Biomarker Study in Asian Patients with HER2+ Advanced Breast Cancer Treated with Lapatinib and Other Anti-HER2 Therapy. <i>Cancer Research and Treatment</i> , 2019 , 51, 1527-1539	5.2	2
12	Analysis of the pan-Asian subgroup of patients in the NALA Trial: a randomized phase III NALA Trial comparing neratinib+capecitabine (N+C) vs lapatinib+capecitabine (L+C) in patients with HER2+metastatic breast cancer (mBC) previously treated with two or more HER2-directed regimens. <i>Breast Cancer Research and Treatment</i> , 2021 , 189, 665-676	4.4	2
11	HER2 expression, copy number variation and survival outcomes in HER2-low non-metastatic breast cancer: an international multicentre cohort study and TCGA-METABRIC analysis.. <i>BMC Medicine</i> , 2022 , 20, 105	11.4	2
10	DNA methyltransferase 1 (DNMT1) polymorphism and chemotherapy-associated cognitive impairment in early-stage breast cancer patients (ESBC): A prospective, longitudinal study.. <i>Journal of Clinical Oncology</i> , 2016 , 34, 10014-10014	2.2	1
9	Individualized Molecular Profiling for Allocation to Clinical Trials Singapore Study-An Asian Tertiary Cancer Center Experience. <i>JCO Precision Oncology</i> , 2021 , 5,	3.6	1
8	Liquid biopsies for residual disease and recurrence.. <i>Med</i> , 2021 , 2, 1292-1313	31.7	1
7	Human epidermal growth factor receptor 2 positive rates in invasive lobular breast carcinoma: The Singapore experience. <i>World Journal of Clinical Oncology</i> , 2020 , 11, 283-293	2.5	0
6	Regulatory and operational challenges in conducting Asian International Academic Trial for expanding the indications of cancer drugs. <i>Clinical and Translational Science</i> , 2021 , 14, 1015-1025	4.9	0
5	An Overview of the Treatment Efficacy and Side Effect Profile of Pharmacological Therapies in Asian Patients with Breast Cancer. <i>Targeted Oncology</i> , 2021 , 16, 701-741	5	0
4	Abstract GS2-01: Overall survival subgroup analysis by metastatic site from the phase 3 MONALEESA-2 study of first-line ribociclib + letrozole in postmenopausal patients with advanced HR+/HER2 ^{low} breast cancer. <i>Cancer Research</i> , 2022 , 82, GS2-01-GS2-01	10.1	0
3	Predictors of hand-foot syndrome (HFS) in randomised double-blind, placebo-controlled trial of pyridoxine for prevention of capecitabine induced HFS.. <i>Journal of Clinical Oncology</i> , 2015 , 33, 9596-9596 ^{2.2}		

- 2 Evaluation of pro-inflammatory cytokines and anxiety symptoms in early-stage breast cancer (ESBC) patients: A prospective, longitudinal study.. *Journal of Clinical Oncology*, **2015**, 33, e20742-e20742^{2,2}
- 1 Phase Ib/II trial of expanded and activated autologous natural killer (NK) cells with trastuzumab (Tras) in refractory HER2+ metastatic breast cancer (MBC).. *Journal of Clinical Oncology*, **2016**, 34, 3045-3045^{2,2}