Shu Wang

List of Publications by Year
in descending order

		623734	526287
73 papers	942 citations	14 h-index	27 g-index
97 all docs	97 docs citations	97 times ranked	1031 citing authors

#	ARTICLE	IF	CITATIONS
1	Multi-task learning for segmentation and classification of tumors in 3D automated breast ultrasound images. Medical Image Analysis, 2021, 70, 101918.	11.6	151
2	Comparison of sentinel lymph node biopsy guided by indocyanine green, blue dye, and their combination in breast cancer patients: a prospective cohort study. World Journal of Surgical Oncology, 2017, 15, 196.	1.9	99
3	Intradermal microbubbles and contrast-enhanced ultrasound (CEUS) is a feasible approach for sentinel lymph node identification in early-stage breast cancer. World Journal of Surgical Oncology, 2015, 13, 319.	1.9	72
4	Distinct Effects of Body Mass Index and Waist/Hip Ratio on Risk of Breast Cancer by Joint Estrogen and Progestogen Receptor Status: Results from a Case-Control Study in Northern and Eastern China and Implications for Chemoprevention. Oncologist, 2017, 22, 1431-1443.	3.7	39
5	Structured illumination microscopy using digital micro-mirror device and coherent light source. Applied Physics Letters, 2020, 116, .	3.3	39
6	Patient-derived tumor-like cell clusters for drug testing in cancer therapy. Science Translational Medicine, 2020, 12, .	12.4	39
7	Current Status and Factors Influencing Surgical Options for Breast Cancer in China: A Nationwide Cross-Sectional Survey of 110 Hospitals. Oncologist, 2020, 25, e1473-e1480.	3.7	34
8	Tumor segmentation in automated whole breast ultrasound using bidirectional LSTM neural network and attention mechanism. Ultrasonics, 2021, 110, 106271.	3.9	28
9	Use of high‐resolution full‐field optical coherence tomography and dynamic cell imaging for rapid intraoperative diagnosis during breast cancer surgery. Cancer, 2020, 126, 3847-3856.	4.1	23
10	Dilated densely connected U-Net with uncertainty focus loss for 3D ABUS mass segmentation. Computer Methods and Programs in Biomedicine, 2021, 209, 106313.	4.7	19
11	Effectiveness of Adding Everolimus to the First-line Treatment of Advanced Breast Cancer in Premenopausal Women Who Experienced Disease Progression While Receiving Selective Estrogen Receptor Modulators. JAMA Oncology, 2021, 7, e213428.	7.1	18
12	Long-term follow-up results of fluorescence and blue dye guided sentinel lymph node biopsy in early breast cancer. Breast Cancer Research and Treatment, 2021, 188, 361-368.	2.5	17
13	Response to neoadjuvant therapy and disease free survival in patients with triple-negative breast cancer. Japanese Journal of Cancer and Chemotherapy, 2009, 36, 255-8.	0.2	17
14	The feasibility of the ACOSOG Z0011 Criteria to Chinese Breast Cancer Patients: A Multicenter Study. Scientific Reports, 2015, 5, 15241.	3.3	15
15	3D tumor detection in automated breast ultrasound using deep convolutional neural network. Medical Physics, 2020, 47, 5669-5680.	3.0	15
16	Metabolic Syndrome, and Particularly the Hypertriglyceridemic-Waist Phenotype, Increases Breast Cancer Risk, and Adiponectin Is a Potential Mechanism: A Case–Control Study in Chinese Women. Frontiers in Endocrinology, 2019, 10, 905.	3.5	15
17	Association between BRCA mutational status and survival in patients with breast cancer: a systematic review and meta-analysis. Breast Cancer Research and Treatment, 2021, 186, 591-605.	2.5	15
18	Circulating High-Molecular-Weight (HMW) Adiponectin Level Is Related with Breast Cancer Risk Better than Total Adiponectin: A Case-Control Study. PLoS ONE, 2015, 10, e0129246.	2.5	14

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19	Frequency-domain diagonal extension imaging. Advanced Photonics, 2020, 2, 1.	11.8	14
20	Using the axillary reverse mapping technique to screen breast cancer patients with a high risk of lymphedema. World Journal of Surgical Oncology, 2020, 18, 118.	1.9	13
21	BM-Net: CNN-Based MobileNet-V3 and Bilinear Structure for Breast Cancer Detection in Whole Slide Images. Bioengineering, 2022, 9, 261.	3.5	13
22	SNP rs4971059 predisposes to breast carcinogenesis and chemoresistance via TRIM46â€mediated HDAC1 degradation. EMBO Journal, 2021, 40, e107974.	7.8	12
23	Mammary ductoscopy and followâ€up avoid unnecessary duct excision in patients with pathologic nipple discharge. Journal of Surgical Oncology, 2015, 112, 139-143.	1.7	11
24	A New Model for Predicting Non-Sentinel Lymph Node Status in Chinese Sentinel Lymph Node Positive Breast Cancer Patients. PLoS ONE, 2014, 9, e104117.	2.5	10
25	Three inflammationâ€related genes could predict risk in prognosis and metastasis of patients with breast cancer. Cancer Medicine, 2019, 8, 593-605.	2.8	10
26	A case-control study on risk factors of breast cancer in Han Chinese women. Oncotarget, 2017, 8, 97217-97230.	1.8	10
27	Detection of Structural Variations and Fusion Genes in Breast Cancer Samples Using Third-Generation Sequencing. Frontiers in Cell and Developmental Biology, 2022, 10, 854640.	3.7	9
28	Health-related quality of life of postmenopausal Chinese women with hormone receptor-positive early breast cancer during treatment with adjuvant aromatase inhibitors: a prospective, multicenter, non-interventional study. Health and Quality of Life Outcomes, 2016, 14, 51.	2.4	8
29	Protective effect of goserelin on ovarian reserve during (neo)adjuvant chemotherapy in young breast cancer patients: a prospective cohort study in China. Human Reproduction, 2021, 36, 976-986.	0.9	8
30	Clinical practice guideline for breast fibroadenoma: Chinese Society of Breast Surgery (CSBrS) practice guideline 2021. Chinese Medical Journal, 2021, 134, 1014-1016.	2.3	8
31	Machine Learning Models to Improve the Differentiation Between Benign and Malignant Breast Lesions on Ultrasound: A Multicenter External Validation Study. Cancer Management and Research, 2021, Volume 13, 3367-3379.	1.9	8
32	Use of Memorial Sloan Kettering Cancer Center nomogram to guide intraoperative sentinel lymph node frozen sections in patients with early breast cancer. Journal of Surgical Oncology, 2019, 120, 587-592.	1.7	7
33	Could axillary clearance be avoided in clinically node-negative breast cancer patients with positive nodes diagnosed by ultrasound guided biopsy in the post-ACOSOG Z0011 era?. PLoS ONE, 2019, 14, e0210437.	2.5	7
34	Molecular fingerprint of precancerous lesions in breast atypical hyperplasia. Journal of International Medical Research, 2020, 48, 030006052093161.	1.0	7
35	Comparison between nab-paclitaxel and solvent-based taxanes as neoadjuvant therapy in breast cancer: a systematic review and meta-analysis. BMC Cancer, 2021, 21, 118.	2.6	7
36	Retrospective analysis of concurrent docetaxel and epirubicin neoadjuvant versus adjuvant chemotherapy. Medicine (United States), 2018, 97, e12690.	1.0	6

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37	Association of PTPN1 polymorphisms with breast cancer risk: A case–control study in Chinese females. Journal of Cellular Biochemistry, 2019, 120, 12039-12050.	2.6	6
38	Evaluating and Balancing the Risk of Breast Cancer-Specific Death and Other Cause-Specific Death in Elderly Breast Cancer Patients. Frontiers in Oncology, 2021, 11, 578880.	2.8	6
39	Application of the ACOSOG Z0011 criteria to Chinese patients with breast cancer: a prospective study. World Journal of Surgical Oncology, 2021, 19, 128.	1.9	6
40	Determination of Bioelectrical Impedance Thresholds for Early Detection of Breast Cancer-related Lymphedema. International Journal of Medical Sciences, 2021, 18, 2990-2996.	2.5	6
41	Abstract PD8-08: Pyrotinib in combination with trastuzumab and docetaxel as neoadjuvant treatment for HER2-positive early or locally advanced breast cancer (PHEDRA): A randomized, double-blind, multicenter, phase 3 study. Cancer Research, 2022, 82, PD8-08-PD8-08.	0.9	6
42	N6-methyladenosine Regulator-Mediated Immune Genes Identify Breast Cancer Immune Subtypes and Predict Immunotherapy Efficacy. Frontiers in Genetics, 2021, 12, 790888.	2.3	6
43	Operating microscope with near infrared imaging function for indocyanine green lymphography in prevention of lymphedema with lymphaticovenous anastomosis immediately after mastectomy and axillary dissection. Microsurgery, 2017, 37, 354-355.	1.3	5
44	The Impact of Reproductive Factors on the Risk of Breast Cancer by ER/PR and HER2: A Multicenter Case-Control Study in Northern and Eastern China. Oncologist, 2022, 27, e1-e8.	3.7	5
45	Using the Indocyanine Green (ICG) Lymphography to Screen Breast Cancer Patients at High Risk for Lymphedema. Diagnostics, 2022, 12, 983.	2.6	5
46	Patterns of Use of Docetaxel-Containing Adjuvant Chemotherapy Among Chinese Patients with Operable Breast Cancer: A Multicenter Observational Study. Advances in Therapy, 2019, 36, 131-146.	2.9	4
47	Lymph Node Predictive Model with in Vitro Ultrasound Features for Breast Cancer Lymph Node Metastasis. Ultrasound in Medicine and Biology, 2020, 46, 1395-1402.	1.5	4
48	XRCC5/6 polymorphisms and their interactions with smoking, alcohol consumption, and sleep satisfaction in breast cancer risk: A Chinese multi–center study. Cancer Medicine, 2021, 10, 2752-2762.	2.8	4
49	Gene expression trend changes in breast cancer populations over two decades: insights from The Cancer Genome Atlas database. Hereditas, 2022, 159, 18.	1.4	4
50	Triple-Negative Apocrine Breast Carcinoma Has Better Prognosis despite Poor Response to Neoadjuvant Chemotherapy. Journal of Clinical Medicine, 2022, 11, 1607.	2.4	4
51	Relationship Between Lifestyle Habits and Health-Related Quality of Life of Recently Diagnosed Breast Cancer Patients: A Comparison Between Younger and Older Women in China. Frontiers in Public Health, 2021, 9, 767151.	2.7	4
52	Identification of Subclinical Myocardial Dysfunction in Breast Cancer Patients with Metabolic Syndrome after Cancer-Related Comprehensive Therapy. Cardiology Research and Practice, 2021, 2021, 1-7.	1.1	3
53	Four novel BRCA variants found in Chinese hereditary breast cancer patients by next-generation sequencing. Clinica Chimica Acta, 2021, 516, 55-63.	1.1	3
54	Treatment patterns for adjuvant docetaxel-based chemotherapy in early-stage breast cancer in China: A pooled retrospective analysis of four observational studies. Chinese Journal of Cancer Research: Official Journal of China Anti-Cancer Association, Beijing Institute for Cancer Research, 2018, 30, 327-339.	2.2	3

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55	Research Progress of Mechanisms of Ceftriaxone Associated Nephrolithiasis. Mini-Reviews in Medicinal Chemistry, 2017, 17, 1584-1587.	2.4	3
56	Protein profiling predicts the response to anthracycline and taxanes based neo-adjuvant chemotherapy in breast cancer. Biochip Journal, 2011, 5, 32-38.	4.9	2
57	Assessment of CPS + EG, Neo-Bioscore and Modified Neo-Bioscore in Breast Cancer Patients Treated With Preoperative Systemic Therapy: A Multicenter Cohort Study. Frontiers in Oncology, 2021, 11, 606477.	2.8	2
58	The natural history of breast cancer: a chronological analysis of breast cancer progression using data from the SEER database. Annals of Translational Medicine, 2022, 10, 365-365.	1.7	2
59	Novel biomarkers identified in triple-negative breast cancer through RNA-sequencing. Clinica Chimica Acta, 2022, 531, 302-308.	1.1	2
60	Modeling effective tumor burden of primary lesion and metastatic lymph node in breast cancer patients from the SEER database. Gland Surgery, 2022, 11, 236-244.	1.1	1
61	Single-Nucleotide Polymorphisms in LEP and LEPR Associated With Breast Cancer Risk: Results From a Multicenter Case–Control Study in Chinese Females. Frontiers in Oncology, 2022, 12, 809570.	2.8	1
62	Expression of DNA Helicase Genes Was Correlated with Homologous Recombination Deficiency in Breast Cancer. Computational and Mathematical Methods in Medicine, 2022, 2022, 1-7.	1.3	1
63	Neoadjuvant versus adjuvant chemotherapy with taxanes and anthracycline-based regimen: Which leads to better outcome in patients with different subtype breast cancer?. Journal of Clinical Oncology, 2013, 31, 1084-1084.	1.6	0
64	Combined use of indocyanine green fluorescence and methylene blue dye versus methylene blue dye alone for sentinel lymph node biopsy in breast cancer patients.. Journal of Clinical Oncology, 2013, 31, e12006-e12006.	1.6	0
65	The feasibility of the ACOSOG Z0011 criteria for omitting axillary lymph node dissection after positive sentinel lymph node biopsy in Chinese breast cancer patients: A multicenter study.. Journal of Clinical Oncology, 2015, 33, e12058-e12058.	1.6	0
66	The efficacy and efficiency of half frozen section assessment of breast cancer sentinel lymph nodes: A retrospective analysis of 1116 cases.. Journal of Clinical Oncology, 2015, 33, 1055-1055.	1.6	0
67	Areola sparing mastectomy without preservation of nipple: A clinicopathological assessment and a case series.. Journal of Clinical Oncology, 2017, 35, e12099-e12099.	1.6	0
68	Treatment patterns and patient profiles for docetaxel-based adjuvant chemotherapy in early-stage breast cancer in China: A pooled analysis of four observational studies.. Journal of Clinical Oncology, 2017, 35, e12017-e12017.	1.6	0
69	Multiple Mutation Detection for Risk Assessment in Patients with Breast Cancer by Using Next-Generation Sequencing. Annals of Clinical and Laboratory Science, 2021, 51, 670-677.	0.2	0
70	Abstract P5-18-10: Mecapegfilgrastim for primary prophylaxis of neutropenia in 355 HER2+ breast cancer patients treated with neoadjuvant docetaxel in combination with trastuzumab and/or pyrotinib: Exploratory analysis from randomized, double-blind, phase 3 PHEDRA study. Cancer Research, 2022, 82, P5-18-10-P5-18-10.	0.9	0
71	Perceived Importance of Breast Cancer Risk Factors: A Survey on 386 Physicians in China. Asian Pacific Journal of Cancer Prevention, 2022, 23, 379-382.	1.2	0
72	Abstract P5-18-06: Proactive diarrhea management improved tolerability of pyrotinib in combination with trastuzumab and docetaxel in patients with HER2+ early or locally advanced breast cancer: Exploratory analysis from randomized, double-blind, phase 3 PHEDRA study. Cancer Research, 2022, 82, P5-18-06-P5-18-06.	0.9	0

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73	Enhancement of tumor immunogenicity by the introduction of non- proteinogenic amino acid azetidine-2-carboxylic acid. OncoImmunology, 2022, 11, .	4.6	0