

# Keng-fu Hsu

## List of Publications by Year in descending order

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41  
papers

690  
citations

567281

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580821

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times ranked

1292  
citing authors

#	ARTICLE	IF	CITATIONS
1	Isolation and Quantification of Methylated Cell-Free DNA in Plasma on an Integrated Microfluidic System. <i>Analytical Chemistry</i> , 2022, 94, 2134-2141.	6.5	3
2	Integrated Microfluidic System for Cell-Free DNA Extraction from Plasma for Mutant Gene Detection and Quantification. <i>Analytical Chemistry</i> , 2022, 94, 4311-4318.	6.5	6
3	An integrated microfluidic platform for detection of ovarian clear cell carcinoma mRNA biomarker FXD2. <i>Lab on A Chip</i> , 2021, 21, 2625-2632.	6.0	5
4	Screening aptamers targeting the cell membranes of clinical cancer tissues on an integrated microfluidic system. <i>Sensors and Actuators B: Chemical</i> , 2021, 330, 129334.	7.8	17
5	An aptamer interacting with heat shock protein 70 shows therapeutic effects and prognostic ability in serous ovarian cancer. <i>Molecular Therapy - Nucleic Acids</i> , 2021, 23, 757-768.	5.1	10
6	MET Mutation Is a Potential Therapeutic Target for Advanced Endometrial Cancer. <i>Cancers</i> , 2021, 13, 4231.	3.7	2
7	Comprehensively Exploring the Mutational Landscape and Patterns of Genomic Evolution in Hypermutated Cancers. <i>Cancers</i> , 2021, 13, 4317.	3.7	3
8	Optimization of aptamer selection on an automated microfluidic system with cancer tissues. <i>Lab on A Chip</i> , 2021, 21, 725-734.	6.0	15
9	Isolation and quantification of extracellular vesicle-encapsulated microRNA on an integrated microfluidic platform. <i>Lab on A Chip</i> , 2021, 21, 4660-4671.	6.0	14
10	Omental Macrophagic "Crown-like Structures" Are Associated with Poor Prognosis in Advanced-Stage Serous Ovarian Cancer. <i>Current Oncology</i> , 2021, 28, 4234-4246.	2.2	1
11	Omental Macrophagic "Crown-like Structures" Are Associated with Poor Prognosis in Advanced-Stage Serous Ovarian Cancer. <i>Current Oncology</i> , 2021, 28, 4234-4246.	2.2	4
12	MicroRNA-150-5p promotes cell motility by inhibiting c-Myb-mediated Slug suppression and is a prognostic biomarker for recurrent ovarian cancer. <i>Oncogene</i> , 2020, 39, 862-876.	5.9	18
13	A Simplified Diagnostic Classification Scheme of Chemotherapy-Induced Peripheral Neuropathy. <i>Disease Markers</i> , 2020, 2020, 1-8.	1.3	2
14	An integrated microfluidic system for rapid, automatic and high-throughput staining of clinical tissue samples for diagnosis of ovarian cancer. <i>Lab on A Chip</i> , 2020, 20, 1103-1109.	6.0	20
15	The dual PI3K/mTOR inhibitor BEZ235 restricts the growth of lung cancer tumors regardless of EGFR status, as a potent accompanist in combined therapeutic regimens. <i>Journal of Experimental and Clinical Cancer Research</i> , 2019, 38, 282.	8.6	29
16	An automated microfluidic system for selection of aptamer probes against ovarian cancer tissues. <i>Biomicrofluidics</i> , 2019, 13, 014114.	2.4	18
17	Germline susceptibility variants impact clinical outcome and therapeutic strategies for stage III colorectal cancer. <i>Scientific Reports</i> , 2019, 9, 3931.	3.3	15
18	Downregulated Salt-inducible Kinase 3 Expression Promotes Chemoresistance in Serous Ovarian Cancer via the ATP-binding Cassette Protein ABCG2. <i>Journal of Cancer</i> , 2019, 10, 6025-6036.	2.5	8

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19	Tension pneumoperitoneum after surgery for endometrial cancer and hernia in a morbidly obese female: a case report. <i>Journal of Medical Case Reports</i> , 2018, 12, 73.	0.8	3
20	Microfluidic platforms for rapid screening of cancer affinity reagents by using tissue samples. <i>Biomicrofluidics</i> , 2018, 12, 054108.	2.4	14
21	Psychometric evaluation of a Chinese version of Lymphoedema Functioning, Disability and Health Questionnaire for Lower Limb Lymphoedema in women with gynaecological cancer surgery. <i>European Journal of Cancer Care</i> , 2018, 27, e12940.	1.5	13
22	Clinicopathologic Features and Treatment Outcomes in Patients with Stage I, High-Risk Histology or High-Grade Endometrial Cancer after Primary Staging Surgery: A Taiwanese Gynecologic Oncology Group Study. <i>Journal of Clinical Medicine</i> , 2018, 7, 254.	2.4	6
23	Longitudinal psychosocial adjustment of women to human papillomavirus infection. <i>Journal of Advanced Nursing</i> , 2018, 74, 2523-2532.	3.3	12
24	Treatment outcomes of patients with stage II pure endometrioid-type endometrial cancer: a Taiwanese Gynecologic Oncology Group (TGOG-2006) retrospective cohort study. <i>Journal of Gynecologic Oncology</i> , 2018, 29, e76.	2.2	8
25	The c.1085A>G Genetic Variant of <i>CSF1R</i> Gene Regulates Tumor Immunity by Altering the Proliferation, Polarization, and Function of Macrophages. <i>Clinical Cancer Research</i> , 2017, 23, 6021-6030.	7.0	16
26	Microfluidic platform capable of performing automatic tissue slide-based selex and phage display for rapid screening of affinity reagents specific to ovarian cancer. , 2017, , .		0
27	Targeting FXD2 by cardiac glycosides potently blocks tumor growth in ovarian clear cell carcinoma. <i>Oncotarget</i> , 2016, 7, 62925-62938.	1.8	39
28	The store-operated Ca <sup>2+</sup> entry-mediated signaling is important for cancer spread. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2016, 1863, 1427-1435.	4.1	45
29	CASZ1 is a novel promoter of metastasis in ovarian cancer. <i>American Journal of Cancer Research</i> , 2016, 6, 1253-70.	1.4	4
30	FOXO1 confers to epithelial-mesenchymal transition, stemness and chemoresistance in epithelial ovarian carcinoma cells. <i>Oncotarget</i> , 2015, 6, 2349-2365.	1.8	128
31	Outcome of ovarian preservation during surgical treatment for endometrial cancer: A Taiwanese Gynecologic Oncology Group study. <i>Taiwanese Journal of Obstetrics and Gynecology</i> , 2015, 54, 532-536.	1.3	14
32	Impact of management on the prognosis of pure uterine papillary serous cancer – A Taiwanese Gynecologic Oncology Group (TGOG) study. <i>Gynecologic Oncology</i> , 2014, 133, 221-228.	1.4	30
33	Prognostic factors and treatment outcomes for patients with surgically staged uterine clear cell carcinoma focusing on the early stage: A Taiwanese Gynecologic Oncology Group study. <i>Gynecologic Oncology</i> , 2014, 134, 516-522.	1.4	18
34	Enhanced myometrial autophagy in postpartum uterine involution. <i>Taiwanese Journal of Obstetrics and Gynecology</i> , 2014, 53, 293-302.	1.3	16
35	An on-chip Cell-SELEX process for automatic selection of high-affinity aptamers specific to different histologically classified ovarian cancer cells. <i>Lab on A Chip</i> , 2014, 14, 4017-4028.	6.0	75
36	A DNA methylation assay for detection of ovarian cancer cells using a HpaII/MspI digestion-based PCR assay in an integrated microfluidic system. <i>Microfluidics and Nanofluidics</i> , 2013, 15, 575-585.	2.2	26

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37	An integrated microfluidic platform for rapid tumor cell isolation, counting and molecular diagnosis. <i>Biomedical Microdevices</i> , 2013, 15, 339-352.	2.8	20
38	Enzyme digestion-based microfluidic system for DNA methylation assay. , 2012, , .		0
39	Isolation of tumor cells using a new microfluidic incubator with moving-wall structures. , 2011, , .		0
40	A magnetic bead-based three-dimensional micro-incubator for rapid purification and detection of tumor cells. , 2010, , .		3
41	Clinical significance of serum human papillomavirus DNA in cervical carcinoma. <i>Obstetrics and Gynecology</i> , 2003, 102, 1344-1351.	2.4	8