James J Hsieh

List of Publications by Year in descending order

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47006 30087 11,814 121 47 103 citations h-index g-index papers 123 123 123 15196 docs citations times ranked citing authors all docs

#	Article	IF	CITATIONS
1	Renal cell carcinoma. Nature Reviews Disease Primers, 2017, 3, 17009.	30.5	1,727
2	Tumor immune microenvironment characterization in clear cell renal cell carcinoma identifies prognostic and immunotherapeutically relevant messenger RNA signatures. Genome Biology, 2016, 17, 231.	8.8	746
3	The Somatic Genomic Landscape of Chromophobe Renal Cell Carcinoma. Cancer Cell, 2014, 26, 319-330.	16.8	665
4	Tracking Cancer Evolution Reveals Constrained Routes to Metastases: TRACERx Renal. Cell, 2018, 173, 581-594.e12.	28.9	609
5	An Integrated Metabolic Atlas of Clear Cell Renal Cell Carcinoma. Cancer Cell, 2016, 29, 104-116.	16.8	531
6	The Cancer Genome Atlas Comprehensive Molecular Characterization of Renal Cell Carcinoma. Cell Reports, 2018, 23, 313-326.e5.	6.4	523
7	Integrated Proteogenomic Characterization of Clear Cell Renal Cell Carcinoma. Cell, 2019, 179, 964-983.e31.	28.9	430
8	Adverse Outcomes in Clear Cell Renal Cell Carcinoma with Mutations of 3p21 Epigenetic Regulators <i>BAP1</i> and <i>SETD2</i> A Report by MSKCC and the KIRC TCGA Research Network. Clinical Cancer Research, 2013, 19, 3259-3267.	7.0	301
9	Multilevel Genomics-Based Taxonomy of Renal Cell Carcinoma. Cell Reports, 2016, 14, 2476-2489.	6.4	298
10	Grade-Dependent Metabolic Reprogramming in Kidney Cancer Revealed by Combined Proteomics and Metabolomics Analysis. Cancer Research, 2015, 75, 2541-2552.	0.9	236
11	ClearCode34: A Prognostic Risk Predictor for Localized Clear Cell Renal Cell Carcinoma. European Urology, 2014, 66, 77-84.	1.9	234
12	An Epidemiologic and Genomic Investigation Into the Obesity Paradox in Renal Cell Carcinoma. Journal of the National Cancer Institute, 2013, 105, 1862-1870.	6.3	231
13	Radiogenomics of Clear Cell Renal Cell Carcinoma: Associations between CT Imaging Features and Mutations. Radiology, 2014, 270, 464-471.	7.3	226
14	An interconnected hierarchical model of cell death regulation by the BCL-2 family. Nature Cell Biology, 2015, 17, 1270-1281.	10.3	212
15	Tumor Genetic Analyses of Patients with Metastatic Renal Cell Carcinoma and Extended Benefit from mTOR Inhibitor Therapy. Clinical Cancer Research, 2014, 20, 1955-1964.	7.0	208
16	Clinical and Pathologic Impact of Select Chromatin-modulating Tumor Suppressors in Clear Cell Renal Cell Carcinoma. European Urology, 2013, 63, 848-854.	1.9	198
17	Genomic Biomarkers of a Randomized Trial Comparing First-line Everolimus and Sunitinib in Patients with Metastatic Renal Cell Carcinoma. European Urology, 2017, 71, 405-414.	1.9	173
18	The SWI/SNF Protein PBRM1 Restrains VHL-Loss-Driven Clear Cell Renal Cell Carcinoma. Cell Reports, 2017, 18, 2893-2906.	6.4	153

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19	Prognostic Value of a Long Non-coding RNA Signature in Localized Clear Cell Renal Cell Carcinoma. European Urology, 2018, 74, 756-763.	1.9	144
20	Molecular analysis of aggressive renal cell carcinoma with unclassified histology reveals distinct subsets. Nature Communications, 2016, 7, 13131.	12.8	140
21	TGF-Î ² suppresses type 2 immunity to cancer. Nature, 2020, 587, 115-120.	27.8	137
22	SQSTM1 Is a Pathogenic Target of 5q Copy Number Gains in Kidney Cancer. Cancer Cell, 2013, 24, 738-750.	16.8	135
23	Targeting the differential addiction to anti-apoptotic BCL-2 family for cancer therapy. Nature Communications, 2017, 8, 16078.	12.8	135
24	TCEB1-mutated renal cell carcinoma: a distinct genomic and morphological subtype. Modern Pathology, 2015, 28, 845-853.	5.5	127
25	Genomically annotated risk model for advanced renal-cell carcinoma: a retrospective cohort study. Lancet Oncology, The, 2018, 19, 1688-1698.	10.7	119
26	The Genomic Landscape of Renal Oncocytoma Identifies a Metabolic Barrier to Tumorigenesis. Cell Reports, 2015, 13, 1895-1908.	6.4	117
27	NUP98 Fusion Proteins Interact with the NSL and MLL1 Complexes to Drive Leukemogenesis. Cancer Cell, 2016, 30, 863-878.	16.8	111
28	The impact of genetic heterogeneity on biomarker development in kidney cancer assessed by multiregional sampling. Cancer Medicine, 2014, 3, 1485-1492.	2.8	110
29	A clear picture of renal cell carcinoma. Nature Genetics, 2013, 45, 849-850.	21.4	103
30	SETD2 alterations impair DNA damage recognition and lead to resistance to chemotherapy in leukemia. Blood, 2017, 130, 2631-2641.	1.4	102
31	KMT2C mediates the estrogen dependence of breast cancer through regulation of ERα enhancer function. Oncogene, 2018, 37, 4692-4710.	5.9	102
32	Lenvatinib plus pembrolizumab in patients with either treatment-naive or previously treated metastatic renal cell carcinoma (Study 111/KEYNOTE-146): a phase 1b/2 study. Lancet Oncology, The, 2021, 22, 946-958.	10.7	100
33	Chromosome 3p Loss–Orchestrated VHL, HIF, and Epigenetic Deregulation in Clear Cell Renal Cell Carcinoma. Journal of Clinical Oncology, 2018, 36, 3533-3539.	1.6	99
34	Genomic classifications of renal cell carcinoma: a critical step towards the future application of personalized kidney cancer care with panâ€omics precision. Journal of Pathology, 2018, 244, 525-537.	4.5	93
35	Genomic landscape and evolution of metastatic chromophobe renal cell carcinoma. JCI Insight, 2017, 2,	5.0	89
36	Mechanistically distinct cancer-associated mTOR activation clusters predict sensitivity to rapamycin. Journal of Clinical Investigation, 2016, 126, 3526-3540.	8.2	82

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37	In Vivo PET Assay of Tumor Glutamine Flux and Metabolism: In-Human Trial of ¹⁸ F-(2 <i>5</i> ,4 <i>R</i>)-4-Fluoroglutamine. Radiology, 2018, 287, 667-675.	7.3	80
38	Development of synchronous VHL syndrome tumors reveals contingencies and constraints to tumor evolution. Genome Biology, 2014, 15, 433.	8.8	69
39	Phase II Trial and Correlative Genomic Analysis of Everolimus Plus Bevacizumab in Advanced Non–Clear Cell Renal Cell Carcinoma. Journal of Clinical Oncology, 2016, 34, 3846-3853.	1.6	69
40	Tumor Mutational Load and Immune Parameters across Metastatic Renal Cell Carcinoma Risk Groups. Cancer Immunology Research, 2016, 4, 820-822.	3.4	63
41	A systematic review of predictive and prognostic biomarkers for VEGF-targeted therapy in renal cell carcinoma. Cancer Treatment Reviews, 2014, 40, 533-547.	7.7	61
42	Analysis of renal cancer cell lines from two major resources enables genomics-guided cell line selection. Nature Communications, 2017, 8, 15165.	12.8	61
43	î"Np63 Inhibits Oxidative Stress-Induced Cell Death, Including Ferroptosis, and Cooperates with the BCL-2 Family to Promote Clonogenic Survival. Cell Reports, 2017, 21, 2926-2939.	6.4	61
44	Targeting Aurora B kinase prevents and overcomes resistance to EGFR inhibitors in lung cancer by enhancing BIM- and PUMA-mediated apoptosis. Cancer Cell, 2021, 39, 1245-1261.e6.	16.8	58
45	BH3-dependent and independent activation of BAX and BAK in mitochondrial apoptosis. Current Opinion in Physiology, 2018, 3, 71-81.	1.8	55
46	Molecular Subtypes Improve Prognostic Value of International Metastatic Renal Cell Carcinoma Database Consortium Prognostic Model. Oncologist, 2017, 22, 286-292.	3.7	54
47	HGF-MET signals via the MLL-ETS2 complex in hepatocellular carcinoma. Journal of Clinical Investigation, 2013, 123, 3154-3165.	8.2	54
48	A river model to map convergent cancer evolution and guide therapy in RCC. Nature Reviews Urology, 2015, 12, 706-712.	3.8	49
49	Pan-urologic cancer genomic subtypes that transcend tissue of origin. Nature Communications, 2017, 8, 199.	12.8	49
50	Circulating biomarkers and outcome from a randomised phase II trial of sunitinib vs everolimus for patients with metastatic renal cell carcinoma. British Journal of Cancer, 2016, 114, 642-649.	6.4	43
51	Overcome tumor heterogeneity-imposed therapeutic barriers through convergent genomic biomarker discovery: A braided cancer river model of kidney cancer. Seminars in Cell and Developmental Biology, 2017, 64, 98-106.	5.0	43
52	Integration of Recurrent Somatic Mutations with Clinical Outcomes: A Pooled Analysis of 1049 Patients with Clear Cell Renal Cell Carcinoma. European Urology Focus, 2017, 3, 421-427.	3.1	43
53	The Therapeutic Landscape of Renal Cell Carcinoma: From the Dark Age to the Golden Age. Seminars in Nephrology, 2020, 40, 28-41.	1.6	42
54	A Single-arm, Multicenter, Phase 2 Study of Lenvatinib Plus Everolimus in Patients with Advanced Non-Clear Cell Renal Cell Carcinoma. European Urology, 2021, 80, 162-170.	1.9	41

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55	Proteasome Inhibitors Evoke Latent Tumor Suppression Programs in Pro-B MLL Leukemias through MLL-AF4. Cancer Cell, 2014, 25, 530-542.	16.8	40
56	Molecular Classification of Renal Cell Carcinoma and Its Implication in Future Clinical Practice. Kidney Cancer, $2017,1,3-13$.	0.4	40
57	Characterization and Impact of TERT Promoter Region Mutations on Clinical Outcome in Renal Cell Carcinoma. European Urology Focus, 2019, 5, 642-649.	3.1	40
58	Genomic Characterization of Renal Medullary Carcinoma and Treatment Outcomes. Clinical Genitourinary Cancer, 2017, 15, e987-e994.	1.9	39
59	Modeling biological and genetic diversity in upper tract urothelial carcinoma with patient derived xenografts. Nature Communications, 2020, 11, 1975.	12.8	37
60	Recommendations for the Management of Rare Kidney Cancers. European Urology, 2017, 72, 974-983.	1.9	36
61	Metastatic Non-Clear Cell Renal Cell Carcinoma: An Evidence Based Review of Current Treatment Strategies. Frontiers in Oncology, 2015, 5, 67.	2.8	33
62	Chromophobe Renal Cell Carcinoma: Results From a Large Single-Institution Series. Clinical Genitourinary Cancer, 2019, 17, 373-379.e4.	1.9	33
63	Cleavage of TFIIA by Taspase1 Activates TRF2-Specified Mammalian Male Germ Cell Programs. Developmental Cell, 2013, 27, 188-200.	7.0	31
64	Tumor Xenografts of Human Clear Cell Renal Cell Carcinoma But Not Corresponding Cell Lines Recapitulate Clinical Response to Sunitinib: Feasibility of Using Biopsy Samples. European Urology Focus, 2017, 3, 590-598.	3.1	31
65	PTEN Expression, Not Mutation Status in <i>TSC1, TSC2</i> , or <i>mTOR</i> , Correlates with the Outcome on Everolimus in Patients with Renal Cell Carcinoma Treated on the Randomized RECORD-3 Trial. Clinical Cancer Research, 2019, 25, 506-514.	7.0	31
66	Abnormal oxidative metabolism in a quiet genomic background underlies clear cell papillary renal cell carcinoma. ELife, 2019, 8, .	6.0	31
67	Phase II trial of lenvatinib (LEN) plus pembrolizumab (PEMBRO) for disease progression after PD-1/PD-L1 immune checkpoint inhibitor (ICI) in metastatic clear cell renal cell carcinoma (mccRCC) Journal of Clinical Oncology, 2020, 38, 5008-5008.	1.6	30
68	Taspase1 cleaves MLL1 to activate cyclin E for HER2/neu breast tumorigenesis. Cell Research, 2014, 24, 1354-1366.	12.0	29
69	Comparative Genomic Profiling of Matched Primary and Metastatic Tumors in Renal Cell Carcinoma. European Urology Focus, 2018, 4, 986-994.	3.1	29
70	A phase 3, randomized, open-label study of nivolumab combined with cabozantinib vs sunitinib in patients with previously untreated advanced or metastatic renal cell carcinoma (RCC; CheckMate) Tj ETQq0 0 0	rgBT6/Ove	rlo el 9 10 Tf 50
71	Hyperpolarized MRI Visualizes Warburg Effects and Predicts Treatment Response to mTOR Inhibitors in Patient-Derived ccRCC Xenograft Models. Cancer Research, 2019, 79, 242-250.	0.9	27
72	SETD2 loss perturbs the kidney cancer epigenetic landscape to promote metastasis and engenders actionable dependencies on histone chaperone complexes. Nature Cancer, 2022, 3, 188-202.	13.2	26

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73	Genomic alterations as predictors of survival among patients within a combined cohort with clear cell renal cell carcinoma undergoing cytoreductive nephrectomy. Urologic Oncology: Seminars and Original Investigations, 2017, 35, 532.e7-532.e13.	1.6	25
74	Characterizing recurrent and lethal small renal masses in clear cell renal cell carcinoma using recurrent somatic mutations. Urologic Oncology: Seminars and Original Investigations, 2019, 37, 12-17.	1.6	25
75	Telaglenastat plus Everolimus in Advanced Renal Cell Carcinoma: A Randomized, Double-Blinded, Placebo-Controlled, Phase II ENTRATA Trial. Clinical Cancer Research, 2022, 28, 3248-3255.	7.0	24
76	The difficulty in selecting patients for cytoreductive nephrectomy: An evaluation of previously described predictive models. Urologic Oncology: Seminars and Original Investigations, 2017, 35, 35.e1-35.e5.	1.6	21
77	Plasma Glycosaminoglycans as Diagnostic and Prognostic Biomarkers in Surgically Treated Renal Cell Carcinoma. European Urology Oncology, 2018, 1, 364-377.	5.4	21
78	Molecular characterization of sarcomatoid clear cell renal cell carcinoma unveils new candidate oncogenic drivers. Scientific Reports, 2020, 10, 701.	3.3	21
79	Taspase1-dependent TFIIA cleavage coordinates head morphogenesis by limiting Cdkn2a locus transcription. Journal of Clinical Investigation, 2015, 125, 1203-1214.	8.2	20
80	Expression of Ror2 Mediates Invasive Phenotypes in Renal Cell Carcinoma. PLoS ONE, 2014, 9, e116101.	2.5	20
81	Therapeutic Guide for mTOuRing through the Braided Kidney Cancer Genomic River. Clinical Cancer Research, 2016, 22, 2320-2322.	7.0	18
82	Validation and genomic interrogation of the <scp><i>MET</i></scp> variant rs11762213 as a predictor of adverse outcomes in clear cell renal cell carcinoma. Cancer, 2016, 122, 402-410.	4.1	18
83	Correlation of degree of tumor immune infiltration and insertion-and-deletion (indel) burden with outcome on programmed death 1 (PD1) therapy in advanced renal cell cancer (RCC) Journal of Clinical Oncology, 2018, 36, 4518-4518.	1.6	18
84	Taspase 1: A protease with many biological surprises. Molecular and Cellular Oncology, 2015, 2, e999513.	0.7	17
85	The Efficacy of Lenvatinib Plus Everolimus in Patients with Metastatic Renal Cell Carcinoma Exhibiting Primary Resistance to Front-Line Targeted Therapy or Immunotherapy. Clinical Genitourinary Cancer, 2020, 18, 252-257.e2.	1.9	17
86	Single-cell Spatial Proteomic Revelations on the Multiparametric MRI Heterogeneity of Clinically Significant Prostate Cancer. Clinical Cancer Research, 2021, 27, 3478-3490.	7.0	16
87	Nivolumab plus cabozantinib (N+C) versus sunitinib (S) for advanced renal cell carcinoma (aRCC): Outcomes by baseline disease characteristics in the phase 3 CheckMate 9ER trial Journal of Clinical Oncology, 2021, 39, 4553-4553.	1.6	16
88	Impact of Recurrent Copy Number Alterations and Cancer Gene Mutations on the Predictive Accuracy of Prognostic Models in Clear Cell Renal Cell Carcinoma. Journal of Urology, 2014, 192, 24-29.	0.4	15
89	Linking Binary Gene Relationships to Drivers of Renal Cell Carcinoma Reveals Convergent Function in Alternate Tumor Progression Paths. Scientific Reports, 2019, 9, 2899.	3.3	13
90	Elective Cytoreductive Nephrectomy After Checkpoint Inhibitor Immunotherapy in Patients With Initially Unresectable Metastatic Clear Cell Renal Cell Carcinoma. Clinical Genitourinary Cancer, 2020, 18, 361-366.	1.9	13

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91	Genomic characterisation of two cancers of unknown primary cases supports a kidney cancer origin. BMJ Case Reports, 2015, 2015, bcr2015212685.	0.5	12
92	Prospective Evaluation of Unprocessed Core Needle Biopsy DNA and RNA Yield from Lung, Liver, and Kidney Tumors: Implications for Cancer Genomics. Analytical Cellular Pathology, 2018, 2018, 1-7.	1.4	11
93	SWI/SNF tumor suppressor gene PBRM1/BAF180 in human clear cell kidney cancer. Molecular and Cellular Oncology, 2017, 4, e1342747.	0.7	10
94	Sarcomatoid renal cell carcinoma: genomic insights from sequencing of matched sarcomatous and carcinomatous components. Translational Cancer Research, 2016, 5, S160-S165.	1.0	10
95	Novel Approaches Targeting the Vascular Endothelial Growth Factor Axis in Renal Cell Carcinoma. Cancer Journal (Sudbury, Mass), 2013, 19, 299-306.	2.0	9
96	Persistent Severe Hyperlactatemia and Metabolic Derangement in Lethal <i>SDHB</i> Mutated Metastatic Kidney Cancer: Clinical Challenges and Examples of Extreme Warburg Effect. JCO Precision Oncology, 2017, 1, 1-14.	3.0	9
97	Taspase1 processing alters TFIIA cofactor properties in the regulation of TFIID. Transcription, 2015, 6, 21-32.	3.1	8
98	A braided cancer river connects tumor heterogeneity and precision medicine. Clinical and Translational Medicine, 2016, 5, 42.	4.0	8
99	The panoramic view of clear cell renal cell carcinoma metabolism: values of integrated global cancer metabolomics. Translational Andrology and Urology, 2016, 5, 984-986.	1.4	7
100	Bevacizumab Monotherapy as Salvage Therapy for Advanced Clear Cell Renal Cell Carcinoma Pretreated With Targeted Drugs. Clinical Genitourinary Cancer, 2016, 14, 56-62.	1.9	7
101	Targeting Metabolic Pathways in Kidney Cancer. Cancer Journal (Sudbury, Mass), 2020, 26, 407-418.	2.0	6
102	Reply to Ye Lei, Serdar Yildiz, and Minfeng Chen's Letter to the Editor re: James J. Hsieh, David Chen, Patricia Wang, et al. Genomic Biomarkers of a Randomized Trial Comparing First-line Everolimus and Sunitinib in Patients with Metastatic Renal Cell Carcinoma. Eur Urol 2017;71:405–14. European Urology, 2017, 72, e74-e75.	1.9	5
103	Structural insights into the function of the catalytically active human Taspase1. Structure, 2021, 29, 873-885.e5.	3.3	4
104	The 2020 Kidney Cancer Treatment Sequence Issue. Clinical Genitourinary Cancer, 2020, 18, 241-243.	1.9	3
105	Proteolysis of MLL Family Proteins Is Essential for Taspase1â^'Orchestrated Cell Cycle Progression Blood, 2006, 108, 769-769.	1.4	3
106	Exploiting the circuit breaker cancer evolution model in human clear cell renal cell carcinoma. Cell Stress, 2020, 4, 191-198.	3.2	3
107	Benign and tumor parenchyma metabolomic profiles affect compensatory renal growth in renal cell carcinoma surgical patients. PLoS ONE, 2017, 12, e0180350.	2.5	2
108	Are We Ready for Adjuvant Sunitinib in High-risk Renal Cell Carcinoma?. European Urology, 2018, 73, 69-70.	1.9	2

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109	The Pan-Omics Landscape of Renal Cell Carcinoma and Its Implication on Future Clinical Practice. Kidney Cancer, 2020, 4, 121-129.	0.4	2
110	Taspase1 orchestrates fetal liver hematopoietic stem cell and vertebrae fates through cleaving TFIIA. JCI Insight, 2021, 6, .	5.0	2
111	PBRM1: A Critical Subunit of the SWI/SNF Chromatin Remodeling Complex. , 2015, , 111-151.		1
112	MP71-06 THE IMPACT OF $\langle i \rangle$ TERT $\langle i \rangle$ PROMOTER REGION MUTATIONS IN RENAL CELL CARCINOMA. Journal of Urology, 2016, 195, .	0.4	1
113	MP73-17 SINGLE-INSTITUTIONAL ANALYSIS OF PATIENTS WITH CLEAR-CELL PAPILLARY RENAL CELL CARCINOMA. Journal of Urology, 2016, 195, .	0.4	1
114	MP71-07 < b>GENETIC CONCORDANCE RATES OF MATCHED-PAIR RENAL CELL CARCINOMA SAMPLES PROVIDE EVIDENCE OF CLONAL EVOLUTION < /b>. Journal of Urology, 2016, 195, .	0.4	1
115	The 2020 Prostate Cancer Issue. Clinical Genitourinary Cancer, 2020, 18, 341-342.	1.9	1
116	The 2020 nccRCC Immunotherapy Issue. Clinical Genitourinary Cancer, 2020, 18, 423-424.	1.9	1
117	Diagnostic Utility of RNA-Seq for Evaluation of PD-L1 Expression in Clear Cell Renal Cell Carcinoma. Clinical Genitourinary Cancer, 2021, , .	1.9	1
118	Integrated single-cell spatial multi-omics of intratumor heterogeneity in renal cell carcinoma Journal of Clinical Oncology, 2020, 38, e17106-e17106.	1.6	1
119	Reply from Authors re: James W.F. Catto, Shahrokh F. Shariat. The Changing Face of Renal Cell Carcinoma: The Impact of Systematic Genetic Sequencing on Our Understanding of This Tumor's Biology. Eur Urol 2013;63:855–7. European Urology, 2013, 63, 857-858.	1.9	О
120	Lenvatinib (LEN) + pembrolizumab (PEMBRO) treatment in patients (pts) with metastatic clear cell renal cell carcinoma (RCC): Final results of a phase 1b/2 trial Journal of Clinical Oncology, 2021, 39, e16542-e16542.	1.6	0
121	Laparoscopic cytoreductive nephrectomy is associated with significantly improved survival compared with open cytoreductive nephrectomy or targeted therapy alone. Molecular and Clinical Oncology, 2020, 13, 71.	1.0	O