

Peter Choyke

List of Publications by Year in descending order

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Version: 2024-02-01

48
papers

13,297
citations

136950

32
h-index

223800

46
g-index

49
all docs

49
docs citations

49
times ranked

13222
citing authors

#	ARTICLE	IF	CITATIONS
1	Identification of the von Hippel-Lindau Disease Tumor Suppressor Gene. <i>Science</i> , 1993, 260, 1317-1320.	12.6	2,723
2	ESUR prostate MR guidelines 2012. <i>European Radiology</i> , 2012, 22, 746-757.	4.5	2,176
3	Germline and somatic mutations in the tyrosine kinase domain of the MET proto-oncogene in papillary renal carcinomas. <i>Nature Genetics</i> , 1997, 16, 68-73.	21.4	1,461
4	Mutations in a novel gene lead to kidney tumors, lung wall defects, and benign tumors of the hair follicle in patients with the Birt-Hogg-Dubé syndrome. <i>Cancer Cell</i> , 2002, 2, 157-164.	16.8	833
5	Mutations in the Fumarate Hydratase Gene Cause Hereditary Leiomyomatosis and Renal Cell Cancer in Families in North America. <i>American Journal of Human Genetics</i> , 2003, 73, 95-106.	6.2	563
6	Antiangiogenic and Antitumor Effects of Bevacizumab in Patients With Inflammatory and Locally Advanced Breast Cancer. <i>Journal of Clinical Oncology</i> , 2006, 24, 769-777.	1.6	502
7	Improved detection of germline mutations in the von Hippel-Lindau disease tumor suppressor gene. <i>Human Mutation</i> , 1998, 12, 417-423.	2.5	452
8	Lung Cysts, Spontaneous Pneumothorax, and Genetic Associations in 89 Families with Birt-Hogg-Dubé Syndrome. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2007, 175, 1044-1053.	5.6	318
9	Prostate Magnetic Resonance Imaging and Magnetic Resonance Imaging Targeted Biopsy in Patients with a Prior Negative Biopsy: A Consensus Statement by AUA and SAR. <i>Journal of Urology</i> , 2016, 196, 1613-1618.	0.4	305
10	Hereditary Papillary Renal Cell Carcinoma. <i>Journal of Urology</i> , 1994, 151, 561-566.	0.4	289
11	Real-time MRI-TRUS fusion for guidance of targeted prostate biopsies. <i>Computer Aided Surgery</i> , 2008, 13, 255-264.	1.8	272
12	Treatment With Carfilzomib-Lenalidomide-Dexamethasone With Lenalidomide Extension in Patients With Smoldering or Newly Diagnosed Multiple Myeloma. <i>JAMA Oncology</i> , 2015, 1, 746.	7.1	266
13	EVALUATION AND MANAGEMENT OF RENAL TUMORS IN THE BIRT-HOGG-DUBÉ SYNDROME. <i>Journal of Urology</i> , 2005, 173, 1482-1486.	0.4	260
14	Hereditary and Sporadic Papillary Renal Carcinomas with c-met Mutations Share a Distinct Morphological Phenotype. <i>American Journal of Pathology</i> , 1999, 155, 517-526.	3.8	243
15	Detection Efficacy of ¹⁸ F-PSMA-1007 PET/CT in 251 Patients with Biochemical Recurrence of Prostate Cancer After Radical Prostatectomy. <i>Journal of Nuclear Medicine</i> , 2019, 60, 362-368.	5.0	238
16	Hereditary Leiomyomatosis and Renal Cell Cancer: A Syndrome Associated With an Aggressive Form of Inherited Renal Cancer. <i>Journal of Urology</i> , 2007, 177, 2074-2080.	0.4	235
17	Kidney-Targeted Birt-Hogg-Dubé Gene Inactivation in a Mouse Model: Erk1/2 and Akt-mTOR Activation, Cell Hyperproliferation, and Polycystic Kidneys. <i>Journal of the National Cancer Institute</i> , 2008, 100, 140-154.	6.3	223
18	Cediranib for Metastatic Alveolar Soft Part Sarcoma. <i>Journal of Clinical Oncology</i> , 2013, 31, 2296-2302.	1.6	194

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19	Genetic Basis of Cancer of the Kidney. <i>Clinical Cancer Research</i> , 2004, 10, 6282S-6289S.	7.0	187
20	Risk of renal and colonic neoplasms and spontaneous pneumothorax in the Birt-Hogg-DubÃ© syndrome. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2002, 11, 393-400.	2.5	177
21	Original Articles: Kidney Cancer: Hereditary Papillary Renal Cell Carcinoma: Clinical Studies in 10 Families. <i>Journal of Urology</i> , 1995, 153, 907-912.	0.4	176
22	Localization of the von Hippel-Lindau disease gene to a small region of chromosome 3. <i>Genomics</i> , 1990, 8, 634-640.	2.9	153
23	Dynamic Contrast-Enhanced Magnetic Resonance Imaging in Oncology. <i>Topics in Magnetic Resonance Imaging</i> , 2001, 12, 301-308.	1.2	145
24	Identification of the Genes for Kidney Cancer: Opportunity for Disease-Specific Targeted Therapeutics. <i>Clinical Cancer Research</i> , 2007, 13, 671s-679s.	7.0	131
25	FAMILIAL RENAL ONCOCYTOMA: CLINICOPATHOLOGICAL STUDY OF 5 FAMILIES. <i>Journal of Urology</i> , 1998, 160, 335-340.	0.4	127
26	Computer Aided-Diagnosis of Prostate Cancer on Multiparametric MRI: A Technical Review of Current Research. <i>BioMed Research International</i> , 2014, 2014, 1-11.	1.9	90
27	Solid renal tumor severity in von Hippel Lindau disease is related to germline deletion length and location. <i>Human Mutation</i> , 2004, 23, 40-46.	2.5	85
28	Von Hippel-Lindau (VHL) disease: distinct phenotypes suggest more than one mutant allele at the VHL locus. <i>Human Genetics</i> , 1991, 87, 207-210.	3.8	69
29	Evaluation of KRAS Mutations, Angiogenic Biomarkers, and DCE-MRI in Patients with Advanced Non-Small-Cell Lung Cancer Receiving Sorafenib. <i>Clinical Cancer Research</i> , 2011, 17, 1190-1199.	7.0	67
30	Deep Recurrent Neural Networks for Prostate Cancer Detection: Analysis of Temporal Enhanced Ultrasound. <i>IEEE Transactions on Medical Imaging</i> , 2018, 37, 2695-2703.	8.9	57
31	Closed-Loop Control in Fused MR-TRUS Image-Guided Prostate Biopsy. , 2007, 10, 128-135.		44
32	The biologic basis of in vivo angiogenesis imaging. <i>Frontiers in Bioscience - Landmark</i> , 2007, 12, 3601.	3.0	35
33	Detection of prostate cancer using temporal sequences of ultrasound data: a large clinical feasibility study. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2016, 11, 947-956.	2.8	34
34	Familial Renal Carcinoma: Clinical Evaluation, Clinical Subtypes and Risk of Renal Carcinoma Development. <i>Journal of Urology</i> , 2007, 177, 461-465.	0.4	27
35	Phase I trial of vandetanib and bevacizumab evaluating the VEGF and EGF signal transduction pathways in adults with solid tumours and lymphomas. <i>European Journal of Cancer</i> , 2011, 47, 997-1005.	2.8	23
36	Meeting report from the Prostate Cancer Foundation PSMA theranostics state of the science meeting. <i>Prostate</i> , 2020, 80, 1273-1296.	2.3	16

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37	Fully automated prostate segmentation in 3D MR based on normalized gradient fields cross-correlation initialization and LOGISMOS refinement. Proceedings of SPIE, 2012, , .	0.8	13
38	Carfilzomib, Lenalidomide, and Dexamethasone Followed by Lenalidomide Maintenance for Prevention of Symptomatic Multiple Myeloma in Patients With High-risk Smoldering Myeloma. JAMA Oncology, 2021, 7, 1678.	7.1	12
39	Augmenting MRIâ€“transrectal ultrasound-guided prostate biopsy with temporal ultrasound data: a clinical feasibility study. International Journal of Computer Assisted Radiology and Surgery, 2015, 10, 727-735.	2.8	11
40	Pattern of failure in prostate cancer previously treated with radical prostatectomy and post-operative radiotherapy: a secondary analysis of two prospective studies using novel molecular imaging techniques. Radiation Oncology, 2021, 16, 32.	2.7	11
41	A Pilot Study of Dynamic 18F-DCFPyL PET/CT Imaging of Prostate Adenocarcinoma in High-Risk Primary Prostate Cancer Patients. Molecular Imaging and Biology, 2021, , 1.	2.6	9
42	Fusion of real-time transrectal ultrasound with preacquired MRI for multimodality prostate imaging. , 2007, , .		8
43	Commentary regarding a recent collaborative consensus statement addressing prostate MRI and MRI-targeted biopsy in patients with a prior negative prostate biopsy. Abdominal Radiology, 2017, 42, 346-349.	2.1	8
44	Toward a real-time system for temporal enhanced ultrasound-guided prostate biopsy. International Journal of Computer Assisted Radiology and Surgery, 2018, 13, 1201-1209.	2.8	8
45	Template for MR Visualization and Needle Targeting. Annals of Biomedical Engineering, 2019, 47, 524-536.	2.5	5
46	Ultrasound-Based Predication of Prostate Cancer in MRI-guided Biopsy. Lecture Notes in Computer Science, 2014, , 142-150.	1.3	3
47	Original Articles. Journal of Urology, 1995, , 907-912.	0.4	3
48	Prostate Imaging. , 2016, , 59-72.		0