Peter Choyke

List of Publications by Year in descending order

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	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
2	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
3	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
4	Meeting report from the Prostate Cancer Foundation PSMA theranostics state of the science meeting. Prostate, 2020, 80, 1273-1296.	2.3	16
5	Detection Efficacy of ¹⁸F-PSMA-1007 PET/CT in 251 Patients with Biochemical Recurrence of Prostate Cancer After Radical Prostatectomy. Journal of Nuclear Medicine, 2019, 60, 362-368.	5.0	238
6	Template for MR Visualization and Needle Targeting. Annals of Biomedical Engineering, 2019, 47, 524-536.	2.5	5
7	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
8	Deep Recurrent Neural Networks for Prostate Cancer Detection: Analysis of Temporal Enhanced Ultrasound. IEEE Transactions on Medical Imaging, 2018, 37, 2695-2703.	8.9	57
9	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
10	Detection of prostate cancer using temporal sequences of ultrasound data: a large clinical feasibility study. International Journal of Computer Assisted Radiology and Surgery, 2016, 11, 947-956.	2.8	34
11	Prostate Magnetic Resonance Imaging and Magnetic Resonance Imaging Targeted Biopsy in Patients with a Prior Negative Biopsy: A Consensus Statement by AUA and SAR. Journal of Urology, 2016, 196, 1613-1618.	0.4	305
12	Prostate Imaging. , 2016, , 59-72.		0
13	Treatment With Carfilzomib-Lenalidomide-Dexamethasone With Lenalidomide Extension in Patients With Smoldering or Newly Diagnosed Multiple Myeloma. JAMA Oncology, 2015, 1, 746.	7.1	266
14	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
15	Computer Aided-Diagnosis of Prostate Cancer on Multiparametric MRI: A Technical Review of Current Research. BioMed Research International, 2014, 2014, 1-11.	1.9	90
16	Ultrasound-Based Predication of Prostate Cancer in MRI-guided Biopsy. Lecture Notes in Computer Science, 2014, , 142-150.	1.3	3
17	Cediranib for Metastatic Alveolar Soft Part Sarcoma. Journal of Clinical Oncology, 2013, 31, 2296-2302.	1.6	194
18	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

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19	ESUR prostate MR guidelines 2012. European Radiology, 2012, 22, 746-757.	4.5	2,176
20	Phase I trial of vandetanib and bevacizumab evaluating the VEGF and EGF signal transduction pathways in adults with solid tumours and lymphomas. European Journal of Cancer, 2011, 47, 997-1005.	2.8	23
21	Evaluation of KRAS Mutations, Angiogenic Biomarkers, and DCE-MRI in Patients with Advanced Nonâ€“Small-Cell Lung Cancer Receiving Sorafenib. Clinical Cancer Research, 2011, 17, 1190-1199.	7.0	67
22	Kidney-Targeted Birt-Hogg-Dube Gene Inactivation in a Mouse Model: Erk1/2 and Akt-mTOR Activation, Cell Hyperproliferation, and Polycystic Kidneys. Journal of the National Cancer Institute, 2008, 100, 140-154.	6.3	223
23	Real-time MRI-TRUS fusion for guidance of targeted prostate biopsies. Computer Aided Surgery, 2008, 13, 255-264.	1.8	272
24	Identification of the Genes for Kidney Cancer: Opportunity for Disease-Specific Targeted Therapeutics. Clinical Cancer Research, 2007, 13, 671s-679s.	7.0	131
25	Lung Cysts, Spontaneous Pneumothorax, and Genetic Associations in 89 Families with Birt-Hogg-DubÃ© Syndrome. American Journal of Respiratory and Critical Care Medicine, 2007, 175, 1044-1053.	5.6	318
26	Fusion of real-time transrectal ultrasound with preacquired MRI for multimodality prostate imaging. , 2007, , .		8
27	Familial Renal Carcinoma: Clinical Evaluation, Clinical Subtypes and Risk of Renal Carcinoma Development. Journal of Urology, 2007, 177, 461-465.	0.4	27
28	Hereditary Leiomyomatosis and Renal Cell Cancer: A Syndrome Associated With an Aggressive Form of Inherited Renal Cancer. Journal of Urology, 2007, 177, 2074-2080.	0.4	235
29	The biologic basis of in vivo angiogenesis imaging. Frontiers in Bioscience - Landmark, 2007, 12, 3601.	3.0	35
30	Closed-Loop Control in Fused MR-TRUS Image-Guided Prostate Biopsy. , 2007, 10, 128-135.		44
31	Antiangiogenic and Antitumor Effects of Bevacizumab in Patients With Inflammatory and Locally Advanced Breast Cancer. Journal of Clinical Oncology, 2006, 24, 769-777.	1.6	502
32	EVALUATION AND MANAGEMENT OF RENAL TUMORS IN THE BIRT-HOGG-DUBÃ‰ SYNDROME. Journal of Urology, 2005, 173, 1482-1486.	0.4	260
33	Solid renal tumor severity in von Hippel Lindau disease is related to germline deletion length and location. Human Mutation, 2004, 23, 40-46.	2.5	85
34	Genetic Basis of Cancer of the Kidney. Clinical Cancer Research, 2004, 10, 6282S-6289S.	7.0	187
35	Mutations in the Fumarate Hydratase Gene Cause Hereditary Leiomyomatosis and Renal Cell Cancer in Families in North America. American Journal of Human Genetics, 2003, 73, 95-106.	6.2	563
36	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-DubÃ© syndrome. Cancer Cell, 2002, 2, 157-164.	16.8	833

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37	Risk of renal and colonic neoplasms and spontaneous pneumothorax in the Birt-Hogg-DubÃ© syndrome. Cancer Epidemiology Biomarkers and Prevention, 2002, 11, 393-400.	2.5	177
38	Dynamic Contrast-Enhanced Magnetic Resonance Imaging in Oncology. Topics in Magnetic Resonance Imaging, 2001, 12, 301-308.	1.2	145
39	Hereditary and Sporadic Papillary Renal Carcinomas with c-met Mutations Share a Distinct Morphological Phenotype. American Journal of Pathology, 1999, 155, 517-526.	3.8	243
40	Improved detection of germline mutations in the von Hippel-Lindau disease tumor suppressor gene. Human Mutation, 1998, 12, 417-423.	2.5	452
41	FAMILIAL RENAL ONCOCYTOMA: CLINICOPATHOLOGICAL STUDY OF 5 FAMILIES. Journal of Urology, 1998, 160, 335-340.	0.4	127
42	Germline and somatic mutations in the tyrosine kinase domain of the MET proto-oncogene in papillary renal carcinomas. Nature Genetics, 1997, 16, 68-73.	21.4	1,461
43	Original Articles: Kidney Cancer: Hereditary Papillary Renal Cell Carcinoma: Clinical Studies in 10 Families. Journal of Urology, 1995, 153, 907-912.	0.4	176
44	Original Articles. Journal of Urology, 1995, , 907-912.	0.4	3
45	Hereditary Papillary Renal Cell Carcinoma. Journal of Urology, 1994, 151, 561-566.	0.4	289
46	Identification of the von Hippel-Lindau Disease Tumor Suppressor Gene. Science, 1993, 260, 1317-1320.	12.6	2,723
47	Von Hippel-Lindau (VHL) disease: distinct phenotypes suggest more than one mutant allele at the VHL locus. Human Genetics, 1991, 87, 207-210.	3.8	69
48	Localization of the von Hippel-Lindau disease gene to a small region of chromosome 3. Genomics, 1990, 8, 634-640.	2.9	153