Hedvig Hricak

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/8254065/publications.pdf

Version: 2024-02-01

413 papers	31,016 citations	3159 92 h-index	5679 162 g-index
445 all docs	445 docs citations	445 times ranked	22311 citing authors

#	Article	IF	Citations
1	Radiomics: Images Are More than Pictures, They Are Data. Radiology, 2016, 278, 563-577.	7.3	5,341
2	Imaging Prostate Cancer: A Multidisciplinary Perspective. Radiology, 2007, 243, 28-53.	7.3	542
3	Prostate Cancer: Localization with Three-dimensional Proton MR Spectroscopic Imagingâ€"Clinicopathologic Study. Radiology, 1999, 213, 473-480.	7.3	527
4	Correlation of Proton MR Spectroscopic Imaging with Gleason Score Based on Step-Section Pathologic Analysis after Radical Prostatectomy. Radiology, 2005, 234, 804-814.	7.3	386
5	Diffusion-weighted Endorectal MR Imaging at 3 T for Prostate Cancer: Tumor Detection and Assessment of Aggressiveness. Radiology, 2011, 259, 775-784.	7.3	377
6	Transition Zone Prostate Cancers: Features, Detection, Localization, and Staging at Endorectal MR Imaging. Radiology, 2006, 239, 784-792.	7.3	369
7	Improving Communication of Diagnostic Radiology Findings through Structured Reporting. Radiology, 2011, 260, 174-181.	7.3	363
8	Cervical carcinoma: Computed tomography and magnetic resonance imaging for preoperative staging. Obstetrics and Gynecology, 1995, 86, 43-50.	2.4	328
9	Prostate Cancer: Prediction of Extracapsular Extension with Endorectal MR Imaging and Three-dimensional Proton MR Spectroscopic Imaging. Radiology, 1999, 213, 481-488.	7.3	324
10	Haralick texture analysis of prostate MRI: utility for differentiating non-cancerous prostate from prostate cancer and differentiating prostate cancers with different Gleason scores. European Radiology, 2015, 25, 2840-2850.	4.5	322
11	Automatic classification of prostate cancer Gleason scores from multiparametric magnetic resonance images. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E6265-73.	7.1	322
12	Focal Therapy for Localized Prostate Cancer: A Critical Appraisal of Rationale and Modalities. Journal of Urology, 2007, 178, 2260-2267.	0.4	317
13	Peritoneal Metastases: Detection with Spiral CT in Patients with Ovarian Cancer. Radiology, 2002, 223, 495-499.	7.3	295
14	Early Invasive Cervical Cancer: Tumor Delineation by Magnetic Resonance Imaging, Computed Tomography, and Clinical Examination, Verified by Pathologic Results, in the ACRIN 6651/GOG 183 Intergroup Study. Journal of Clinical Oncology, 2006, 24, 5687-5694.	1.6	281
15	Suspected Local Recurrence after Radical Prostatectomy: Endorectal Coil MR Imaging. Radiology, 2004, 231, 379-385.	7.3	276
16	Clinically Significant Prostate Cancer Local Recurrence After Radiation Therapy Occurs at the Site of Primary Tumor: Magnetic Resonance Imaging and Step-Section Pathology Evidence. International Journal of Radiation Oncology Biology Physics, 2007, 69, 62-69.	0.8	274
17	Managing Radiation Use in Medical Imaging: A Multifaceted Challenge. Radiology, 2011, 258, 889-905.	7.3	272
18	Complex Adnexal Masses: Detection and Characterization with MR Imagingâ€"Multivariate Analysis. Radiology, 2000, 214, 39-46.	7.3	271

#	Article	IF	Citations
19	Solid Renal Cortical Tumors: Differentiation with CT. Radiology, 2007, 244, 494-504.	7.3	266
20	Evaluation of asymptomatic microscopic hematuria in adults: the American Urological Association best practice policyâ€"part II: patient evaluation, cytology, voided markers, imaging, cystoscopy, nephrology evaluation, and follow-up. Urology, 2001, 57, 604-610.	1.0	263
21	Prostate Cancer Tumor Volume: Measurement with Endorectal MR and MR Spectroscopic Imaging. Radiology, 2002, 223, 91-97.	7.3	263
22	Prostate Cancer Aggressiveness: Assessment with Whole-Lesion Histogram Analysis of the Apparent Diffusion Coefficient. Radiology, 2014, 271, 143-152.	7.3	255
23	Prediction of Organ-confined Prostate Cancer: Incremental Value of MR Imaging and MR Spectroscopic Imaging to Staging Nomograms. Radiology, 2006, 238, 597-603.	7.3	237
24	Indeterminate Ovarian Mass at US: Incremental Value of Second Imaging Test for Characterizationâ€"Meta-Analysis and Bayesian Analysis. Radiology, 2005, 236, 85-94.	7.3	235
25	Radiogenomics of Clear Cell Renal Cell Carcinoma: Associations between CT Imaging Features and Mutations. Radiology, 2014, 270, 464-471.	7.3	226
26	Advances in Magnetic Resonance Imaging: How They Are Changing the Management of Prostate Cancer. European Urology, 2011, 59, 962-977.	1.9	225
27	Role of Imaging in Pretreatment Evaluation of Early Invasive Cervical Cancer: Results of the Intergroup Study American College of Radiology Imaging Network 6651â€"Gynecologic Oncology Group 183. Journal of Clinical Oncology, 2005, 23, 9329-9337.	1.6	217
28	2-[18F]Fluoro-2-Deoxyglucose Positron Emission Tomography for the Detection of Disease in Patients with Prostate-Specific Antigen Relapse after Radical Prostatectomy. Clinical Cancer Research, 2005, 11, 4761-4769.	7.0	210
29	Citrate as an in vivo marker to discriminate prostate cancer from benign prostatic hyperplasia and normal prostate peripheral zone: Detection via localized proton spectroscopy. Urology, 1995, 45, 459-466.	1.0	208
30	Prostate Cancer: Incremental Value of Endorectal MR Imaging Findings for Prediction of Extracapsular Extension. Radiology, 2004, 232, 133-139.	7.3	205
31	Magnetic Resonance Imaging for Predicting Prostate Biopsy Findings in Patients Considered for Active Surveillance of Clinically Low Risk Prostate Cancer. Journal of Urology, 2012, 188, 1732-1738.	0.4	201
32	Urinary Continence After Radical Retropubic Prostatectomy: Relationship with Membranous Urethral Length on Preoperative Endorectal Magnetic Resonance Imaging. Journal of Urology, 2002, 168, 1032-1035.	0.4	200
33	Prostate Cancer: Identification with Combined Diffusion-weighted MR Imaging and 3D¹H MR Spectroscopic Imagingâ€"Correlation with Pathologic Findings¹. Radiology, 2008, 246, 480-488.	7.3	200
34	Prediction of Deep Myometrial Invasion in Patients with Endometrial Cancer: Clinical Utility of Contrast-enhanced MR Imaging-A Meta-analysis and Bayesian Analysis. Radiology, 2000, 216, 444-449.	7.3	197
35	Prostate Cancer: Correlation of MR Imaging and MR Spectroscopy with Pathologic Findings after Radiation Therapyâ€"Initial Experience. Radiology, 2005, 236, 545-553.	7.3	195
36	Prostate Tumor Volume Measurement with Combined T2-weighted Imaging and Diffusion-weighted MR: Correlation with Pathologic Tumor Volume. Radiology, 2009, 252, 449-457.	7.3	194

#	Article	IF	Citations
37	Renal Masses: Characterization with Diffusion-weighted MR Imagingâ€"A Preliminary Experience. Radiology, 2008, 247, 458-464.	7.3	193
38	IMAGING PROSTATE CANCER. Radiologic Clinics of North America, 2000, 38, 59-85.	1.8	191
39	US Characterization of Ovarian Masses: A Meta-Analysis. Radiology, 2000, 217, 803-811.	7.3	190
40	Radiation Exposure From Medical Imaging. JAMA - Journal of the American Medical Association, 2010, 304, 208.	7.4	187
41	Role of CT and MR imaging in predicting optimal cytoreduction of newly diagnosed primary epithelial ovarian cancer. Gynecologic Oncology, 2005, 96, 301-306.	1.4	186
42	Recovery of Urinary Continence after Radical Prostatectomy: Association with Urethral Length and Urethral Fibrosis Measured by Preoperative and Postoperative Endorectal Magnetic Resonance Imaging. European Urology, 2009, 55, 629-639.	1.9	186
43	COMPARISON OF ENDORECTAL MAGNETIC RESONANCE IMAGING, GUIDED PROSTATE BIOPSY AND DIGITAL RECTAL EXAMINATION IN THE PREOPERATIVE ANATOMICAL LOCALIZATION OF PROSTATE CANCER. Journal of Urology, 2005, 174, 2158-2163.	0.4	184
44	The role of preoperative endorectal magnetic resonance imaging in the decision regarding whether to preserve or resect neurovascular bundles during radical retropubic prostatectomy. Cancer, 2004, 100, 2655-2663.	4.1	181
45	CT Findings of Chemotherapy-induced Toxicity: What Radiologists Need to Know about the Clinical and Radiologic Manifestations of Chemotherapy Toxicity. Radiology, 2011, 258, 41-56.	7.3	180
46	A multicenter prospective trial evaluating the ability of preoperative computed tomography scan and serum CA-125 to predict suboptimal cytoreduction at primary debulking surgery for advanced ovarian, fallopian tube, and peritoneal cancer. Gynecologic Oncology, 2014, 134, 455-461.	1.4	180
47	Management of the fetus with congenital hydronephrosis. Journal of Pediatric Surgery, 1982, 17, 728-742.	1.6	178
48	THE PROSTATE: MR IMAGING AND SPECTROSCOPY. Radiologic Clinics of North America, 2000, 38, 115-138.	1.8	168
49	Transition Zone Prostate Cancer: Metabolic Characteristics at¹H MR Spectroscopic Imagingâ€"Initial Results. Radiology, 2003, 229, 241-247.	7.3	168
50	Prostate Cancer: Detection of Extracapsular Extension by Genitourinary and General Body Radiologists at MR Imaging. Radiology, 2004, 232, 140-146.	7.3	166
51	The utility of magnetic resonance imaging and spectroscopy for predicting insignificant prostate cancer: an initial analysis. BJU International, 2007, 99, 786-793.	2.5	161
52	Pattern of Prostate-Specific Antigen (PSA) Failure Dictates the Probability of a Positive Bone Scan in Patients With an Increasing PSA After Radical Prostatectomy. Journal of Clinical Oncology, 2005, 23, 1962-1968.	1.6	160
53	Early Invasive Cervical Cancer: CT and MR Imaging in Preoperative Evaluationâ€"ACRIN/GOG Comparative Study of Diagnostic Performance and Interobserver Variability. Radiology, 2007, 245, 491-498.	7.3	160
54	Chronic Prostatitis: MR Imaging and1H MR Spectroscopic Imaging Findingsâ€"Initial Observations. Radiology, 2004, 231, 717-724.	7.3	153

#	Article	IF	Citations
55	Radiotheranostics: a roadmap for future development. Lancet Oncology, The, 2020, 21, e146-e156.	10.7	151
56	Molecular imaging for personalized cancer care. Molecular Oncology, 2012, 6, 182-195.	4.6	150
57	Pretreatment Evaluation of Prostate Cancer: Role of MR Imaging and¹H MR Spectroscopy. Radiographics, 2004, 24, S167-S180.	3.3	148
58	Assessment of Biologic Aggressiveness of Prostate Cancer: Correlation of MR Signal Intensity with Gleason Grade after Radical Prostatectomy. Radiology, 2008, 246, 168-176.	7.3	148
59	Prediction of Seminal Vesicle Invasion in Prostate Cancer: Incremental Value of Adding Endorectal MR Imaging to the Kattan Nomogram. Radiology, 2007, 242, 182-188.	7.3	143
60	Normal and Hypoplastic Fetal Lungs: Volumetric Assessment with Prenatal Single-Shot Rapid Acquisition with Relaxation Enhancement MR Imaging. Radiology, 2000, 216, 107-111.	7.3	142
61	Association of Renal Agenesis and Mullerian Duct Anomalies. Journal of Computer Assisted Tomography, 2000, 24, 829-834.	0.9	141
62	Endorectal MR Imaging in the Evaluation of Seminal Vesicle Invasion: Diagnostic Accuracy and Multivariate Feature Analysis. Radiology, 2006, 238, 929-937.	7.3	140
63	Endorectal MR Imaging before Salvage Prostatectomy: Tumor Localization and Staging. Radiology, 2006, 238, 176-183.	7.3	138
64	Background, current role, and potential applications of radiogenomics. Journal of Magnetic Resonance Imaging, 2018, 47, 604-620.	3.4	137
65	Medical imaging and nuclear medicine: a Lancet Oncology Commission. Lancet Oncology, The, 2021, 22, e136-e172.	10.7	129
66	Differentiation of Uterine Leiomyosarcoma from Atypical Leiomyoma: Diagnostic Accuracy of Qualitative MR Imaging Features and Feasibility of Texture Analysis. European Radiology, 2017, 27, 2903-2915.	4.5	128
67	Detection of locally recurrent prostate cancer after cryosurgery: Evaluation by transrectal ultrasound, magnetic resonance imaging, and three-dimensional proton magnetic resonance spectroscopy. Urology, 1996, 48, 594-599.	1.0	127
68	CT and MRI of Pelvic Varices in Women. Journal of Computer Assisted Tomography, 1999, 23, 429-434.	0.9	124
69	Chronic renal failure: A significant risk factor in the development of acquired renal cysts and renal cell carcinoma. Case reports and review of the literature. Cancer, 1986, 57, 1871-1879.	4.1	122
70	Time-dependent effects of hormone-deprivation therapy on prostate metabolism as detected by combined magnetic resonance imaging and 3D magnetic resonance spectroscopic imaging. Magnetic Resonance in Medicine, 2001, 46, 49-57.	3.0	120
71	MR Imaging of Treated Prostate Cancer. Radiology, 2012, 262, 26-42.	7.3	120
72	Localized Prostate Cancer: Effect of Hormone Deprivation Therapy Measured by Using Combined Three-dimensional1H MR Spectroscopy and MR Imaging: Clinicopathologic Case-controlled Study. Radiology, 2001, 221, 380-390.	7.3	119

#	Article	IF	Citations
73	Complex Fetal Disorders: Effect of MR Imaging on Managementâ€"Preliminary Clinical Experience. Radiology, 1999, 213, 691-696.	7.3	118
74	Multidisciplinary Recommendations Regarding Post-Vaccine Adenopathy and Radiologic Imaging: Radiology Scientific Expert Panel. Radiology, 2021, 300, E323-E327.	7.3	117
75	Original Articles: Prostate Cancer: The Use and Accuracy of Cross-Sectional Imaging and Fine Needle Aspiration Cytology for Detection of Pelvic Lymph Node Metastases Before Radical Prostatectomy. Journal of Urology, 1995, 153, 993-999.	0.4	115
76	Evaluating Localized Prostate Cancer and Identifying Candidates for Focal Therapy. Urology, 2008, 72, S12-S24.	1.0	114
77	Dynamic contrast-enhanced magnetic resonance imaging and pharmacokinetic models in prostate cancer. European Radiology, 2011, 21, 616-626.	4.5	110
78	Clinical application of BASING and spectral/spatial water and lipid suppression pulses for prostate cancer staging and localization by in vivo 3D1H magnetic resonance spectroscopic imaging. Magnetic Resonance in Medicine, 2000, 43, 17-22.	3.0	109
79	Multiparametric Prostate MR Imaging with T2-weighted, Diffusion-weighted, and Dynamic Contrast-enhanced Sequences: Are All Pulse Sequences Necessary to Detect Locally Recurrent Prostate Cancer after Radiation Therapy?. Radiology, 2013, 268, 440-450.	7.3	109
80	Combined pre-treatment MRI and 18F-FDG PET/CT parameters as prognostic biomarkers in patients with cervical cancer. European Journal of Radiology, 2014, 83, 1169-1176.	2.6	109
81	Brachytherapy for Prostate Cancer: Endorectal MR Imaging of Local Treatment-related Changes. Radiology, 2001, 219, 817-821.	7.3	107
82	Normal Central Zone of the Prostate and Central Zone Involvement by Prostate Cancer: Clinical and MR Imaging Implications. Radiology, 2012, 262, 894-902.	7.3	104
83	Functional Magnetic Resonance Imaging in Prostate Cancer. European Urology, 2009, 55, 801-814.	1.9	103
84	Transatlantic Consensus Group on active surveillance and focal therapy for prostate cancer. BJU International, 2012, 109, 1636-1647.	2.5	103
85	18F-FDG PET Scanning Correlates with Tissue Markers of Poor Prognosis and Predicts Mortality for Patients After Liver Resection for Colorectal Metastases. Journal of Nuclear Medicine, 2007, 48, 771-775.	5.0	100
86	Transition Zone Prostate Cancer: Incremental Value of Diffusion-weighted Endorectal MR Imaging in Tumor Detection and Assessment of Aggressiveness. Radiology, 2013, 269, 493-503.	7.3	100
87	MRI-Safe Robot for Endorectal Prostate Biopsy. IEEE/ASME Transactions on Mechatronics, 2014, 19, 1289-1299.	5.8	100
88	Hyperpolarized MRI of Human Prostate Cancer Reveals Increased Lactate with Tumor Grade Driven by Monocarboxylate Transporter 1. Cell Metabolism, 2020, 31, 105-114.e3.	16.2	100
89	Diagnostic Performance of Vesical Imaging Reporting and Data System for the Prediction of Muscle-invasive Bladder Cancer: A Systematic Review and Meta-analysis. European Urology Oncology, 2020, 3, 306-315.	5.4	97
90	Prostate Cancer Localization with Endorectal MR Imaging and MR Spectroscopic Imaging: Effect of Clinical Data on Reader Accuracy. Radiology, 2004, 230, 215-220.	7.3	96

#	Article	IF	Citations
91	Use of an agonistic analog of gonadotropin-releasing hormone (nafarelin) to treat leiomyomas: Assessment by magnetic resonance imaging. American Journal of Obstetrics and Gynecology, 1988, 158, 903-910.	1.3	95
92	A multicenter assessment of the ability of preoperative computed tomography scan and CA-125 to predict gross residual disease at primary debulking for advanced epithelial ovarian cancer. Gynecologic Oncology, 2017, 145, 27-31.	1.4	95
93	Preoperative nomograms incorporating magnetic resonance imaging and spectroscopy for prediction of insignificant prostate cancer. BJU International, 2012, 109, 1315-1322.	2.5	93
94	Imaging approaches to optimize molecular therapies. Science Translational Medicine, 2016, 8, 355ps16.	12.4	93
95	A novel representation of inter-site tumour heterogeneity from pre-treatment computed tomography textures classifies ovarian cancers by clinical outcome. European Radiology, 2017, 27, 3991-4001.	4.5	92
96	Imaging of Prostate Cancer. Radiologic Clinics of North America, 2007, 45, 207-222.	1.8	89
97	Detection of Prostate Cancer with MR Spectroscopic Imaging: An Expanded Paradigm Incorporating Polyamines. Radiology, 2007, 245, 499-506.	7.3	88
98	Bone Metastases in Castration-Resistant Prostate Cancer: Associations between Morphologic CT Patterns, Glycolytic Activity, and Androgen Receptor Expression on PET and Overall Survival. Radiology, 2014, 271, 220-229.	7.3	88
99	RADIOLOGIC ANATOMY OF THE PROSTATE GLAND: A CLINICAL APPROACH. Radiologic Clinics of North America, 2000, 38, 15-30.	1.8	86
100	Interactive dedicated training curriculum improves accuracy in the interpretation of MR imaging of prostate cancer. European Radiology, 2010, 20, 995-1002.	4.5	85
101	Monitoring the Efficacy of Adoptively Transferred Prostate Cancerâ€“Targeted Human T Lymphocytes with PET and Bioluminescence Imaging. Journal of Nuclear Medicine, 2008, 49, 1162-1170.	5.0	84
102	Combined Endorectal and Phased-Array MRI in the Prediction of Pelvic Lymph Node Metastasis in Prostate Cancer. American Journal of Roentgenology, 2006, 186, 743-748.	2.2	83
103	Intra- and Interobserver Variability in CT Measurements in Oncology. Radiology, 2013, 269, 451-459.	7.3	83
104	Molecular Imaging of Prostate Cancer. Radiographics, 2016, 36, 142-159.	3.3	83
105	MRI-guided Radiation Therapy: An Emerging Paradigm in Adaptive Radiation Oncology. Radiology, 2021, 298, 248-260.	7.3	83
106	Escherichia coli Nissle 1917 Facilitates Tumor Detection by Positron Emission Tomography and Optical Imaging. Clinical Cancer Research, 2008, 14, 2295-2302.	7.0	82
107	Performance Characteristics of MR Imaging in the Evaluation of Clinically Low-Risk Prostate Cancer: A Prospective Study. Radiology, 2012, 265, 478-487.	7.3	81
108	MR imaging of renal cortical tumours: qualitative and quantitative chemical shift imaging parameters. European Radiology, 2013, 23, 1738-1744.	4.5	81

#	Article	IF	Citations
109	Advances in imaging in the postoperative patient with a rising prostate-specific antigen level. Seminars in Oncology, 2003, 30, 616-634.	2.2	80
110	Value of the Hemorrhage Exclusion Sign on T1-weighted Prostate MR Images for the Detection of Prostate Cancer. Radiology, 2012, 263, 751-757.	7.3	80
111	Incremental value of diffusion weighted and dynamic contrast enhanced MRI in the detection of locally recurrent prostate cancer after radiation treatment: preliminary results. European Radiology, 2011, 21, 1970-1978.	4.5	79
112	Sonography of the Scrotum. Investigative Radiology, 1983, 18, 112-121.	6.2	76
113	Diagnosis of Extracapsular Extension of Prostate Cancer on Prostate MRI: Impact of Second-Opinion Readings by Subspecialized Genitourinary Oncologic Radiologists. American Journal of Roentgenology, 2015, 205, W73-W78.	2.2	74
114	Stage IB1 Cervical Cancer: Role of Preoperative MR Imaging in Selection of Patients for Fertility-Sparing Radical Trachelectomy. Radiology, 2013, 269, 149-158.	7.3	72
115	Inconclusive Clinical and Ultrasound Evaluation of the Scrotum: Impact of Magnetic Resonance Imaging on Patient Management and Cost. Urology, 1998, 51, 1018-1021.	1.0	70
116	The accuracy of magnetic resonance imaging in staging of vulvar cancer: A retrospective multi-centre study. Gynecologic Oncology, 2010, 117, 82-87.	1.4	70
117	Prostate MRI: Evaluating Tumor Volume and Apparent Diffusion Coefficient as Surrogate Biomarkers for Predicting Tumor Gleason Score. Clinical Cancer Research, 2014, 20, 3705-3711.	7.0	69
118	Utilization of Diagnostic Studies in the Pretreatment Evaluation of Invasive Cervical Cancer in the United States: Results of Intergroup Protocol ACRIN 6651/GOG 183. Journal of Clinical Oncology, 2005, 23, 7454-7459.	1.6	68
119	Prospective evaluation of MRI, 11C-acetate PET/CT and contrast-enhanced CT for staging of bladder cancer. European Journal of Radiology, 2012, 81, 4131-4137.	2.6	66
120	Urinary continence after radical retropubic prostatectomy: relationship with membranous urethral length on preoperative endorectal magnetic resonance imaging. Journal of Urology, 2002, 168, 1032-5.	0.4	66
121	MR imaging of the prostate in clinical practice. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2008, 21, 379-392.	2.0	64
122	Recurrent Ovarian Cancer: Use of Contrast-enhanced CT and PET/CT to Accurately Localize Tumor Recurrence and to Predict Patientsâ€™ Survival. Radiology, 2010, 257, 125-134.	7.3	64
123	Evaluation of prostate size: A comparison of ultrasound and magnetic resonance imaging. Urologic Radiology, 1988, 9, 1-8.	0.2	63
124	Use of DWI in the Differentiation of Renal Cortical Tumors. American Journal of Roentgenology, 2016, 206, 100-105.	2.2	61
125	Distribution of Renal Tumor Growth Rates Determined by Using Serial Volumetric CT Measurements. Radiology, 2009, 250, 137-144.	7.3	59
126	A New Pyrimidine-Specific Reporter Gene: A Mutated Human Deoxycytidine Kinase Suitable for PET During Treatment with Acycloguanosine-Based Cytotoxic Drugs. Journal of Nuclear Medicine, 2010, 51, 1395-1403.	5.0	59

#	Article	IF	Citations
127	Image Artifacts on Prostate Diffusion-weighted Magnetic Resonance Imaging. Academic Radiology, 2013, 20, 1041-1047.	2.5	59
128	Patient Perspectives and Preferences for Communication of Medical Imaging Risks in a Cancer Care Setting. Radiology, 2015, 275, 545-552.	7.3	59
129	How Sure Are You, Doctor? A Standardized Lexicon to Describe the Radiologist's Level of Certainty. American Journal of Roentgenology, 2016, 207, 2-3.	2.2	59
130	Clinical Stage T1c Prostate Cancer: Evaluation with Endorectal MR Imaging and MR Spectroscopic Imaging. Radiology, 2009, 253, 425-434.	7.3	57
131	Prostate Cancer: assessing the effects of androgen-deprivation therapy using quantitative diffusion-weighted and dynamic contrast-enhanced MRI. European Radiology, 2015, 25, 2665-2672.	4.5	57
132	Assessment of Prostate Cancer Aggressiveness by Use of the Combination of Quantitative DWI and Dynamic Contrast-Enhanced MRI. American Journal of Roentgenology, 2016, 206, 756-763.	2.2	56
133	Women in radiology: gender diversity is not a metricâ€”it is a tool for excellence. European Radiology, 2020, 30, 1644-1652.	4.5	56
134	Retained Seminal Vesicles After Radical Prostatectomy: Frequency, MRI Characteristics, and Clinical Relevance. American Journal of Roentgenology, 2006, 186, 539-546.	2.2	54
135	Advances in oncologic imaging. Ca-A Cancer Journal for Clinicians, 2012, 62, 364-393.	329.8	53
136	The Effect of Magnetic Resonance Imagers on Implanted Neurostimulators. PACE - Pacing and Clinical Electrophysiology, 1992, 15, 81-94.	1.2	52
137	Prospective Study of the Correlation Between Postoperative Computed Tomography Scan and Primary Surgeon Assessment in Patients With Advanced Ovarian, Tubal, and Peritoneal Carcinoma Reported to Have Undergone Primary Surgical Cytoreduction to Residual Disease 1 cm or Less. Journal of Clinical Oncology, 2007, 25, 4946-4951.	1.6	52
138	Accelerating anticancer drug development â€” opportunities and trade-offs. Nature Reviews Clinical Oncology, 2018, 15, 777-786.	27.6	52
139	Imaging a Genetically Engineered Oncolytic Vaccinia Virus (GLV-1h99) Using a Human Norepinephrine Transporter Reporter Gene. Clinical Cancer Research, 2009, 15, 3791-3801.	7.0	51
140	The Incremental Value of Contrast-Enhanced MRI in the Detection of Biopsy-Proven Local Recurrence of Prostate Cancer After Radical Prostatectomy: Effect of Reader Experience. American Journal of Roentgenology, 2012, 199, 360-366.	2.2	51
141	Endorectal MRI of Prostatic and Periprostatic Cystic Lesions and Their Mimics. American Journal of Roentgenology, 2007, 188, 1373-1379.	2.2	50
142	Early invasive cervical cancer: MRI and CT predictors of lymphatic metastases in the ACRIN 6651/GOG 183 intergroup study. Gynecologic Oncology, 2009, 112, 95-103.	1.4	50
143	Association between Morphologic CT Imaging Traits and Prognostically Relevant Gene Signatures in Women with High-Grade Serous Ovarian Cancer: A Hypothesis-generating Study. Radiology, 2015, 274, 742-751.	7.3	50
144	Association between CT-texture-derived tumor heterogeneity, outcomes, and BRCA mutation status in patients with high-grade serous ovarian cancer. Abdominal Radiology, 2019, 44, 2040-2047.	2.1	50

#	Article	IF	Citations
145	Intra- and Interobserver Variability in CT Measurements in Oncology. Radiology, 2013, 269, 451-459.	7.3	50
146	Oncologic Imaging: A Guiding Hand of Personalized Cancer Care. Radiology, 2011, 259, 633-640.	7.3	49
147	MR Imaging of Intramuscular Hemorrhage. Journal of Computer Assisted Tomography, 1985, 9, 908-913.	0.9	48
148	Gynecologic masses: Value of magnetic resonance imaging. American Journal of Obstetrics and Gynecology, 1985, 153, 31-37.	1.3	48
149	Complex Posttransplantation Abnormalities of Renal Allografts: Evaluation with MR Imaging. Radiology, 1999, 211, 95-100.	7.3	48
150	New Treatments for Localized Prostate Cancer. Urology, 2008, 72, S36-S43.	1.0	48
151	Second-Opinion Interpretations of Gynecologic Oncologic MRI Examinations by Sub-Specialized Radiologists Influence Patient Care. European Radiology, 2016, 26, 2089-2098.	4.5	47
152	Prospective Study of the Radiolabeled GRPR Antagonist BAY86-7548 for Positron Emission Tomography/Computed Tomography Imaging of Newly Diagnosed Prostate Cancer. European Urology Oncology, 2019, 2, 166-173.	5.4	47
153	Prenatal MR Imaging of Congenital Diaphragmatic Hernia. American Journal of Roentgenology, 2000, 174, 1607-1612.	2.2	46
154	Perihepatic Metastases from Ovarian Cancer: Sensitivity and Specificity of CT for the Detection of Metastases with and Those without Liver Parenchymal Invasion. Radiology, 2008, 248, 511-517.	7.3	46
155	High-Grade Serous Ovarian Cancer: Associations between BRCA Mutation Status, CT Imaging Phenotypes, and Clinical Outcomes. Radiology, 2017, 285, 472-481.	7.3	46
156	Global Trends in Hybrid Imaging. Radiology, 2010, 257, 498-506.	7.3	44
157	Pleural Effusion Detected at CT prior to Primary Cytoreduction for Stage III or IV Ovarian Carcinoma: Effect on Survival. Radiology, 2011, 258, 776-784.	7.3	44
158	MRI of the prostate: Clinical relevance and emerging applications. Journal of Magnetic Resonance Imaging, 2011, 33, 258-274.	3.4	43
159	Role of MRI in prostate cancer detection. NMR in Biomedicine, 2014, 27, 16-24.	2.8	43
160	IMAGING FOR RECURRENT PROSTATE CANCER. Radiologic Clinics of North America, 2000, 38, 213-229.	1.8	42
161	Diagnostic performance of conventional and advanced imaging modalities for assessing newly diagnosed cervical cancer: systematic review and meta-analysis. European Radiology, 2020, 30, 5560-5577.	4.5	42
162	The Role of Ultrasound in the Diagnosis of Kidney Allograft Rejection. Radiology, 1979, 132, 667-672.	7.3	41

#	Article	IF	Citations
163	MR in renal disease: Importance of corticalâ€“medullary distinction. Magnetic Resonance in Medicine, 1987, 5, 160-172.	3.0	41
164	Role of CT in the Management of Recurrent Ovarian Cancer. American Journal of Roentgenology, 2004, 182, 393-398.	2.2	41
165	Imaging Appearance of Granulomatous Disease After Intravesical Bacille Calmette-GuÃ©rin (BCG) Treatment of Bladder Carcinoma. American Journal of Roentgenology, 2009, 192, 1494-1500.	2.2	41
166	Relative Intensity of Abdominal Organs in MR Images. Journal of Computer Assisted Tomography, 1985, 9, 315-319.	0.9	40
167	Semiâ€automatic deformable registration of prostate MR images to pathological slices. Journal of Magnetic Resonance Imaging, 2010, 32, 1149-1157.	3.4	40
168	The value of 18F-FDG PET/CT in recurrent gynecologic malignancies prior to pelvic exenteration. Gynecologic Oncology, 2013, 129, 586-592.	1.4	40
169	Differentiation of Clear Cell Renal Cell Carcinoma From Other Renal Cortical Tumors by Use of a Quantitative Multiparametric MRI Approach. American Journal of Roentgenology, 2017, 208, W85-W91.	2.2	40
170	Imaging of Transposed Ovaries in Patients with Cervical Carcinoma. American Journal of Roentgenology, 2005, 184, 1602-1610.	2.2	39
171	The Value of MR Imaging When the Site of Uterine Cancer Origin Is Uncertain. Radiology, 2011, 258, 785-792.	7.3	39
172	Value of a Standardized Lexicon for Reporting Levels of Diagnostic Certainty in Prostate MRI. American Journal of Roentgenology, 2014, 203, W651-W657.	2.2	39
173	Estimating the impact of treatment and imaging modalities on 5-year net survival of 11 cancers in 200 countries: a simulation-based analysis. Lancet Oncology, The, 2020, 21, 1077-1088.	10.7	39
174	Blood loss during radical retropubic prostatectomy: relationship to morphologic features on preoperative endorectal magnetic resonance imaging. Urology, 2002, 59, 884-888.	1.0	38
175	Impact of a Multidisciplinary Continuous Quality Improvement Program on the Positive Surgical Margin Rate after Laparoscopic Radical Prostatectomy. European Urology, 2006, 49, 853-858.	1.9	38
176	Imaging Hypoxia in Orthotopic Rat Liver Tumors with Iodine 124â€labeled Iodoazomycin Galactopyranoside PET. Radiology, 2008, 248, 561-570.	7.3	38
177	Focal Treatment or Observation of Prostate Cancer: Pretreatment Accuracy of Transrectal Ultrasound Biopsy and T2-weighted MRI. Urology, 2010, 75, 472-477.	1.0	38
178	Imaging of Lymph Node Micrometastases Using an Oncolytic Herpes Virus and [18F]FEAU PET. PLoS ONE, 2009, 4, e4789.	2.5	37
179	Magnetic resonance imaging and magnetic resonance spectroscopic imaging of prostate cancer. Nature Reviews Urology, 2005, 2, 434-442.	1.4	36
180	Bladder cancer: can imaging change patient management?. Current Opinion in Urology, 2008, 18, 98-104.	1.8	36

#	Article	IF	Citations
181	Predicting Postâ€“External Beam Radiation Therapy PSA Relapse of Prostate Cancer Using Pretreatment MRI. International Journal of Radiation Oncology Biology Physics, 2010, 78, 743-750.	0.8	36
182	Dynamic contrast-enhanced magnetic resonance imaging of prostate cancer: A review of current methods and applications. World Journal of Radiology, 2017, 9, 416-425.	1.1	36
183	Magnetic resonance imaging of the normal and pathologic muscular system. Magnetic Resonance Imaging, 1986, 4, 491-496.	1.8	35
184	Peritoneal inclusion cysts: clinical characteristics and imaging features. European Radiology, 2013, 23, 1167-1174.	4.5	35
185	Multiphasic contrastâ€enhanced MRI: Singleâ€slice versus volumetric quantification of tumor enhancement for the assessment of renal clearâ€cell carcinoma fuhrman grade. Journal of Magnetic Resonance Imaging, 2013, 37, 1160-1167.	3.4	35
186	Magnetic Resonance Imaging and Spectroscopy of the Periarticular Inflammatory Soft-Tissue Changes in Experimental Arthritis of the Rat. Investigative Radiology, 1985, 20, 813-823.	6.2	34
187	Prediction of Prostate Cancer Recurrence Using Magnetic Resonance Imaging and Molecular Profiles. Clinical Cancer Research, 2009, 15, 3842-3849.	7.0	34
188	Pretreatment Endorectal Coil Magnetic Resonance Imaging Findings Predict Biochemical Tumor Control in Prostate Cancer Patients Treated With Combination Brachytherapy and External-Beam Radiotherapy. International Journal of Radiation Oncology Biology Physics, 2012, 84, 707-711.	0.8	34
189	Multiparametric 3T MRI for the prediction of pathological downgrading after radical prostatectomy in patients with biopsy-proven Gleason score 3â€‰+â€‰4 prostate cancer. European Radiology, 2014, 24, 3161-3170.	4.5	34
190	Magnetic resonance imaging in the prediction of biochemical recurrence of prostate cancer after radical prostatectomy. BJU International, 2009, 104, 315-320.	2.5	33
191	Diffusion-weighted MRI of the prostate at 3.0T: Comparison of endorectal coil (ERC) MRI and phased-array coil (PAC) MRIâ€”The impact of SNR on ADC measurement. European Journal of Radiology, 2013, 82, e515-e520.	2.6	33
192	Clear Cell Renal Cell Carcinoma: Associations Between CT Features and Patient Survival. American Journal of Roentgenology, 2016, 206, 1023-1030.	2.2	33
193	2016 New Horizons Lecture: Beyond Imagingâ€”Radiology of Tomorrow. Radiology, 2018, 286, 764-775.	7.3	33
194	Reducing the influence of bâ€value selection on diffusionâ€weighted imaging of the prostate: Evaluation of a revised monoexponential model within a clinical setting. Journal of Magnetic Resonance Imaging, 2012, 35, 660-668.	3.4	32
195	Combined Whole Body and Multiparametric Prostate Magnetic Resonance Imaging as a 1-Step Approach to the Simultaneous Assessment of Local Recurrence and Metastatic Disease after Radical Prostatectomy. Journal of Urology, 2017, 198, 65-70.	0.4	32
196	CT Features of Ovarian Tumors: Defining Key Differences Between Serous Borderline Tumors and Low-Grade Serous Carcinomas. American Journal of Roentgenology, 2018, 210, 918-926.	2.2	32
197	The role and contribution of treatment and imaging modalities in global cervical cancer management: survival estimates from a simulation-based analysis. Lancet Oncology, The, 2020, 21, 1089-1098.	10.7	32
198	Global costs, health benefits, and economic benefits of scaling up treatment and imaging modalities for survival of 11 cancers: a simulation-based analysis. Lancet Oncology, The, 2021, 22, 341-350.	10.7	32

#	Article	IF	Citations
199	MR imaging of bladder neoplasms: Correlation with pathologic staging. Urologic Radiology, 1990, 12, 27-33.	0.2	31
200	Imaging of ovarian cancer. Journal of Magnetic Resonance Imaging, 1995, 5, 606-613.	3.4	31
201	Ovarian Malignancies. Topics in Magnetic Resonance Imaging, 2003, 14, 329-337.	1.2	31
202	1H magnetic resonance spectroscopy of prostate cancer: Biomarkers for tumor characterization. Cancer Biomarkers, 2008, 4, 263-276.	1.7	31
203	Renal Masses Detected on FDG PET/CT in Patients With Lymphoma: Imaging Features Differentiating Primary Renal Cell Carcinomas From Renal Lymphomatous Involvement. American Journal of Roentgenology, 2017, 208, 849-853.	2.2	31
204	Preliminary Assessment of Magnetic Resonance Spectroscopic Imaging in Predicting Treatment Outcome in Patients with Prostate Cancer at High Risk for Relapse. Clinical Prostate Cancer, 2004, 3, 174-181.	2.1	30
205	Measuring tumor response and shape change on CT: esophageal cancer as a paradigm. Annals of Oncology, 2006, 17, 1018-1023.	1.2	30
206	Incremental Value of Multiplanar Cross-Referencing for Prostate Cancer Staging with Endorectal MRI. American Journal of Roentgenology, 2007, 188, 99-104.	2.2	30
207	Comparison of Magnetic Resonance Imaging-stratified Clinical Pathways and Systematic Transrectal Ultrasound-guided Biopsy Pathway for the Detection of Clinically Significant Prostate Cancer: A Systematic Review and Meta-analysis of Randomized Controlled Trials. European Urology Oncology, 2019, 2, 605-616.	5.4	30
208	MR Image Contrast and Relaxation Times of Solid Tumors in the Chest, Abdomen, and Pelvis. Journal of Computer Assisted Tomography, 1985, 9, 738-748.	0.9	29
209	Tumor hypoxia imaging in orthotopic liver tumors and peritoneal metastasis: a comparative study featuring dynamic 18F-MISO and 124I-IAZG PET in the same study cohort. European Journal of Nuclear Medicine and Molecular Imaging, 2008, 35, 39-46.	6.4	29
210	Correlation of MR Imaging and MR Spectroscopic Imaging Findings with Ki-67, Phospho-Akt, and Androgen Receptor Expression in Prostate Cancer. Radiology, 2009, 250, 803-812.	7.3	29
211	Evaluation of Acute Post-Transplant Renal Failure by Ultrasound. Radiology, 1979, 133, 443-447.	7.3	28
212	MRI at the completion of chemoradiotherapy can accurately evaluate the extent of disease in women with advanced urethral carcinoma undergoing anterior pelvic exenteration. Clinical Radiology, 2011, 66, 1072-1078.	1.1	28
213	Magnetic Resonance Imaging/Positron Emission Tomography Provides a Roadmap for Surgical Planning and Serves as a Predictive Biomarker in Patients With Recurrent Gynecological Cancers Undergoing Pelvic Exenteration. International Journal of Gynecological Cancer, 2013, 23, 1512-1519.	2.5	28
214	Localizing sites of disease in patients with rising serum prostate-specific antigen up to 1 ng/ml following prostatectomy: How much information can conventional imaging provide?. Urologic Oncology: Seminars and Original Investigations, 2016, 34, 482.e5-482.e10.	1.6	28
215	Ornithine Decarboxylase Is Sufficient for Prostate Tumorigenesis via Androgen Receptor Signaling. American Journal of Pathology, 2016, 186, 3131-3145.	3.8	28
216	Magnetic resonance imaging in the evaluation of congenital anomalies of the external genitalia. Urology, 2001, 58, 452-456.	1.0	27

#	Article	IF	Citations
217	Imaging of hypoxia-driven gene expression in an orthotopic liver tumor model. Molecular Cancer Therapeutics, 2007, 6, 2900-2908.	4.1	27
218	Blueprint for Imaging in Biomedical Research. Radiology, 2007, 244, 12-27.	7.3	27
219	Validity of prostate-specific antigen as a tumour marker in men with prostate cancer managed by watchful-waiting: correlation with findings at serial endorectal magnetic resonance imaging and spectroscopic imaging. BJU International, 2007, 99, 41-45.	2.5	27
220	Bile duct disease: Prospective comparison of ERCP, CT, and fat suppression MRI. Gastrointestinal Radiology, 1992, 17, 347-352.	0.4	25
221	Imaging in gynecologic malignancies. Cancer, 1993, 71, 1648-1651.	4.1	25
222	Trends in oncologic hybrid imaging. European Journal of Hybrid Imaging, 2018, 2, 1.	1.5	25
223	IMAGING AND MANAGEMENT OF ATYPICAL TESTICULAR MASSES. Urologic Clinics of North America, 1998, 25, 375-388.	1.8	24
224	Anatomic segmentation improves prostate cancer detection with artificial neural networks analysis of ¹H magnetic resonance spectroscopic imaging. Journal of Magnetic Resonance Imaging, 2014, 40, 1414-1421.	3.4	24
225	Detection of Extracapsular Extension of Prostate Cancer: Role of Fat Suppression Endorectal MRI. Journal of Computer Assisted Tomography, 1999, 23, 74-78.	0.9	24
226	Cine Gradient Refocused Echo (GRE) Imaging of Intravascular Masses. Journal of Computer Assisted Tomography, 1992, 16, 169-175.	0.9	23
227	Molecular MR Imaging in Oncology. Magnetic Resonance Imaging Clinics of North America, 2005, 13, 225-240.	1.1	23
228	The Diagnostic Performance of the Length of Tumor Capsular Contact on MRI for Detecting Prostate Cancer Extraprostatic Extension: A Systematic Review and Meta-Analysis. Korean Journal of Radiology, 2020, 21, 684.	3.4	23
229	A New Acycloguanosine-Specific Supermutant of Herpes Simplex Virus Type 1 Thymidine Kinase Suitable for PET Imaging and Suicide Gene Therapy for Potential Use in Patients Treated with Pyrimidine-Based Cytotoxic Drugs. Journal of Nuclear Medicine, 2008, 49, 713-720.	5.0	22
230	Role of Imaging in the Pretreatment Evaluation of Common Gynecological Cancers. Women's Health, 2014, 10, 299-321.	1.5	22
231	Primary Diagnosis of Abdominal Arteriovenous Fistula by MR Imaging. Journal of Computer Assisted Tomography, 1984, 8, 1140-1142.	0.9	21
232	Early Postoperative CT as a Prognostic Biomarker in Patients With Advanced Ovarian, Tubal, and Primary Peritoneal Cancer Deemed Optimally Debulked at Primary Cytoreductive Surgery. American Journal of Roentgenology, 2012, 198, 1453-1459.	2.2	21
233	Prognostic Value of Pretreatment MRI in Patients With Prostate Cancer Treated With Radiation Therapy: A Systematic Review and Meta-Analysis. American Journal of Roentgenology, 2020, 214, 597-604.	2.2	21
234	The role of MRI and MRSI in diagnosis, treatment selection, and post-treatment follow-up for prostate cancer. Clinical Advances in Hematology and Oncology, 2009, 7, 193-202.	0.3	21

#	Article	IF	Citations
235	Magnetic resonance imaging and its application in urology. Urology, 1984, 23, 442-454.	1.0	20
236	MR imaging of the uterus: Low-signal-intensity abnormalities of the endometrium and endometrial cavity. Magnetic Resonance Imaging, 1990, 8, 309-313.	1.8	20
237	Comparison of Prostate Volume Measured by Endorectal Coil MRI to Prostate Specimen Volume and Mass After Radical Prostatectomy. Academic Radiology, 2015, 22, 556-562.	2.5	20
238	Global Challenges for Cancer Imaging. Journal of Global Oncology, 2018, 4, 1-10.	0.5	20
239	Magnetic resonance imaging of the pelvis: Prostate and urinary bladder. Urologic Radiology, 1986, 8, 156-165.	0.2	19
240	Urologic cancer. Methods of early detection and future developments. Cancer, 1987, 60, 677-685.	4.1	19
241	Contrast-enhanced MR imaging of the female pelvis. Journal of Magnetic Resonance Imaging, 1993, 3, 297-306.	3.4	19
242	Characterization of Adnexal Masses Using Feature Analysis at Contrast-Enhanced Helical Computed Tomography. Journal of Computer Assisted Tomography, 2008, 32, 533-540.	0.9	19
243	MRI findings of radiation-induced changes in the urethra and periurethral tissues after treatment for prostate cancer. European Journal of Radiology, 2013, 82, e775-e781.	2.6	19
244	Role of preoperative MR imaging in the evaluation of patients with persistent or recurrent gynaecological malignancies before pelvic exenteration. European Radiology, 2013, 23, 2906-2915.	4.5	19
245	<scp>MRI</scp>â€safe robot for targeted transrectal prostate biopsy: animal experiments. BJU International, 2014, 113, 977-985.	2.5	19
246	Quantification of Metastatic Prostate Cancer Whole-Body Tumor Burden with ¹⁸F-FDG PET Parameters and Associations with Overall Survival After First-Line Abiraterone or Enzalutamide: A Single-Center Retrospective Cohort Study. Journal of Nuclear Medicine, 2021, 62, 1050-1056.	5.0	19
247	Patterns of Metastatic Disease in Patients with Cancer Derived from Natural Language Processing of Structured CT Radiology Reports over a 10-year Period. Radiology, 2021, 301, 115-122.	7.3	19
248	Sonographic Manifestations of Acute Renal Vein Thrombosis: An Experimental Study. Investigative Radiology, 1981, 16, 30-35.	6.2	18
249	Follow-Up Study of the Correlation Between Postoperative Computed Tomographic Scan and Primary Surgeon Assessment in Patients With Advanced Ovarian, Tubal, or Peritoneal Carcinoma Reported to Have Undergone Primary Surgical Cytoreduction to Residual Disease of 1 cm or Smaller. International Journal of Gynecological Cancer, 2010, 20, 353-357.	2.5	18
250	Renal Cell Carcinoma: Role of MR Imaging in the Assessment of Muscular Venous Branch Invasion. Radiology, 2013, 267, 454-459.	7.3	18
251	Complementary Prognostic Value of Pelvic Magnetic Resonance Imaging and Whole-Body Fluorodeoxyglucose Positron Emission Tomography/Computed Tomography in the Pretreatment Assessment of Patients With Cervical Cancer. International Journal of Gynecological Cancer, 2015, 25, 1461-1467.	2.5	18
252	Role of MR Imaging and FDG PET/CT in Selection and Follow-up of Patients Treated with Pelvic Exenteration for Gynecologic Malignancies. Radiographics, 2015, 35, 1295-1313.	3.3	18

#	Article	IF	Citations
253	Preoperative assessment of retroperitoneal pathology by magnetic resonance imaging primary leiomyosarcoma of inferior vena cava. Urology, 1986, 28, 251-255.	1.0	17
254	MR Imaging of Pathologic Abdominal Fluid Collections. Journal of Computer Assisted Tomography, 1986, 10, 746-750.	0.9	17
255	Imaging Features of Uncommon Gynecologic Cancers. American Journal of Roentgenology, 2015, 205, 1346-1359.	2.2	17
256	Intradiverticular bladder cancer: CT imaging features and their association with clinical outcomes. Clinical Imaging, 2015, 39, 94-98.	1.5	17
257	Prostate cancer bone metastases on staging prostate MRI: prevalence and clinical features associated with their diagnosis. Abdominal Radiology, 2017, 42, 271-277.	2.1	17
258	Characterization of prostate cancer with MR spectroscopic imaging and diffusion-weighted imaging at 3â€Tesla. Magnetic Resonance Imaging, 2019, 55, 93-102.	1.8	17
259	Prostate-specific membrane antigen positron emission tomography (PSMA-PET) for local staging of prostate cancer: a systematic review and meta-analysis. European Journal of Hybrid Imaging, 2020, 4, 16.	1.5	17
260	Pelvic lipomatosis: Diagnosis and characterization by magnetic resonance imaging. Urologic Radiology, 1988, 10, 198-202.	0.2	16
261	Investigating women with suspected ovarian cancer. Gynecologic Oncology, 2008, 108, 262-264.	1.4	16
262	Regarding the Focal Treatment of Prostate Cancer: Inference of the Gleason Grade From Magnetic Resonance Spectroscopic Imaging. International Journal of Radiation Oncology Biology Physics, 2009, 74, 110-114.	0.8	16
263	Molecular imaging of prostate cancer: translating molecular biology approaches into the clinical realm. European Radiology, 2015, 25, 1294-1302.	4.5	16
264	Incorporation of postoperative CT data into clinical models to predict 5-year overall and recurrence free survival after primary cytoreductive surgery for advanced ovarian cancer. Gynecologic Oncology, 2015, 138, 554-559.	1.4	16
265	Abdominal wall endometriosis: differentiation from other masses using CT features. Abdominal Radiology, 2017, 42, 1517-1523.	2.1	16
266	The Influence of Background Signal Intensity Changes on Cancer Detection in Prostate MRI. American Journal of Roentgenology, 2019, 212, 823-829.	2.2	16
267	Liver lesion detection: Comparison between excitation-spoiling fat suppression and regular spin-echo at 1.5T. Abdominal Imaging, 1993, 18, 56-60.	2.0	15
268	PET imaging of HSV1-tk mutants with acquired specificity toward pyrimidine- and acycloguanosine-based radiotracers. European Journal of Nuclear Medicine and Molecular Imaging, 2009, 36, 1273-1282.	6.4	15
269	An Exploratory Study of Endorectal Magnetic Resonance Imaging and Spectroscopy of the Prostate as Preoperative Predictive Biomarkers of Biochemical Relapse After Radical Prostatectomy. Journal of Urology, 2010, 184, 2320-2327.	0.4	15
270	Renal cell carcinoma: A nomogram for the CT imaging-inclusive prediction of indolent, non-clear cell renal cortical tumours. European Journal of Cancer, 2016, 59, 57-64.	2.8	15

#	Article	IF	Citations
271	Clinical Application of Computational Methods in Precision Oncology. JAMA Oncology, 2020, 6, 1282.	7.1	15
272	Magnetic Resonance Imaging in the Diagnosis of Acute Renal Allograft Rejection and Its Differentiation from Acute Tubular Necrosis Experimental Study in the Dog. Investigative Radiology, 1985, 20, 617-624.	6.2	14
273	Phosphorus-31 MRS of Human Testicular Function and Viability. Investigative Radiology, 1989, 24, 997-1000.	6.2	14
274	Magnetic resonance imaging of vascular lesions of the scrotum and penis. Urology, 1995, 46, 581-583.	1.0	14
275	Plexiform neurofibroma involving the genitourinary tract in children: Case reports and review of the literature. Urology, 1997, 49, 257-260.	1.0	14
276	Are histopathological features of prostate cancer lesions associated with identification of extracapsular extension on magnetic resonance imaging?. BJU International, 2010, 106, 1303-1308.	2.5	14
277	Thoracic metastasis in advanced ovarian cancer: comparison between computed tomography and video-assisted thoracic surgery. Journal of Gynecologic Oncology, 2011, 22, 260.	2.2	14
278	CT of Renal Cell Carcinoma: Assessment of Collecting System Invasion. American Journal of Roentgenology, 2013, 201, W821-W827.	2.2	14
279	The impact of scaling up access to treatment and imaging modalities on global disparities in breast cancer survival: a simulation-based analysis. Lancet Oncology, The, 2021, 22, 1301-1311.	10.7	14
280	MR Imaging of Diffusely Infiltrating Gastric Carcinoma. Journal of Computer Assisted Tomography, 1987, 11, 337-339.	0.9	13
281	Noncontrast and Contrast Enhanced MR Imaging in the Evaluation of Partial Ureteral Obstruction. Investigative Radiology, 1989, 24, 544-554.	6.2	13
282	Shared Patient Analysis. Medical Care, 2001, 39, 1182-1187.	2.4	13
283	Prostate Volume Measured Preoperatively Predicts for Organ-Confined Disease in Men with Clinically Localized Prostate Cancer. Urology, 2007, 69, 343-346.	1.0	13
284	Different Strategies for Reducing Intestinal Background Radioactivity Associated with Imaging HSV1-tk Expression Using Established Radionucleoside Probes. Molecular Imaging, 2010, 9, 7290.2010.00006.	1.4	13
285	Primary seminal vesicle adenocarcinoma. Clinical Imaging, 2011, 35, 480-482.	1.5	13
286	The performance of PI-RADSv2 and quantitative apparent diffusion coefficient for predicting confirmatory prostate biopsy findings in patients considered for active surveillance of prostate cancer. Abdominal Radiology, 2017, 42, 1968-1974.	2.1	13
287	MRI of a retained sponge in a dog. Magnetic Resonance Imaging, 1985, 3, 283-286.	1.8	12
288	Magnetic Resonance Imaging in Genital Anomalies. Journal of Urology, 1987, 138, 1028-1030.	0.4	12

#	Article	IF	Citations
289	Phosphorus-31 MRS of the Kidney. Investigative Radiology, 1989, 24, 993-996.	6.2	12
290	Staging Accuracy of Magnetic Resonance Imaging versus Transrectal Ultrasound in Stages A and B Prostatic Cancer. Urologia Internationalis, 1994, 53, 191-195.	1.3	12
291	Temporal changes in MRI appearance of the prostate after focal ablation. Abdominal Radiology, 2019, 44, 272-278.	2.1	12
292	Improving Cancer Diagnosis and Care: Patient Access to Oncologic Imaging Expertise. Journal of Clinical Oncology, 2019, 37, 1690-1694.	1.6	12
293	Oncologic Outcomes after Localized Prostate Cancer Treatment: Associations with Pretreatment Prostate Magnetic Resonance Imaging Findings. Journal of Urology, 2021, 205, 1055-1062.	0.4	12
294	Local Extent of Prostate Cancer at MRI versus Prostatectomy Histopathology: Associations with Long-term Oncologic Outcomes. Radiology, 2022, 302, 595-602.	7.3	12
295	Rapid, Contrast-Enhanced, Diuretic Magnetic Resonance Imaging of Unilateral Partial Ureteral Obstruction An Experimental Study in Micropigs. Investigative Radiology, 1989, 24, 37-46.	6.2	11
296	Significance of Peritumoral Vascularity on CT in Evaluation of Renal Cortical Tumor. Journal of Computer Assisted Tomography, 2007, 31, 717-723.	0.9	11
297	Imaging low-risk prostate cancer. Current Opinion in Urology, 2008, 18, 78-86.	1.8	11
298	Improving Cancer Diagnosis and Care: Patient Access to High-Quality Oncologic Pathology. Oncologist, 2019, 24, 1287-1290.	3.7	11
299	International Multi-Site Initiative to Develop an MRI-Inclusive Nomogram for Side-Specific Prediction of Extraprostatic Extension of Prostate Cancer. Cancers, 2021, 13, 2627.	3.7	11
300	Bladder cancer imaging. Current Opinion in Urology, 2011, 21, 393-397.	1.8	10
301	Role of MRI in the diagnosis and management of prostate cancer. Future Oncology, 2015, 11, 2757-2766.	2.4	10
302	Prostate magnetic resonance imaging findings in patients treated for testosterone deficiency while on active surveillance for low-risk prostate cancer. Urologic Oncology: Seminars and Original Investigations, 2016, 34, 530.e9-530.e14.	1.6	10
303	Magnetic Resonance Imaging Diagnosis of Hepatic Metastases in the Presence of Negative CT Studies. Journal of Clinical Gastroenterology, 1985, 7, 553-560.	2.2	9
304	Urachal carcinoma. Urologic Radiology, 1985, 7, 174-7.	0.2	9
305	Magnetic resonance imaging: Its application to male infertility. Urology, 1986, 27, 91-98.	1.0	9
306	Carcinoma of the female reproductive organs. Value of cross-sectional imaging. Cancer, 1991, 67, 1209-1218.	4.1	9

#	Article	IF	Citations
307	Increasing Access to Imaging for Addressing the Global Cancer Epidemic. Radiology, 2021, 301, 543-546.	7.3	9
308	Edema and the Lack of Blood Perfusion Produce Opposite Effects on the Magnetic Resonance Characteristics of Acutely Ischemic Rat Kidneys. Investigative Radiology, 1987, 22, 118-125.	6.2	8
309	What do we expect from imaging?. Radiologic Clinics of North America, 2002, 40, 521-526.	1.8	8
310	Role of CT in the Assessment of Muscular Venous Branch Invasion in Patients With Renal Cell Carcinoma. American Journal of Roentgenology, 2013, 201, 847-852.	2.2	8
311	The expanding landscape of diffusion-weighted MRI in prostate cancer. Abdominal Radiology, 2016, 41, 854-861.	2.1	8
312	Prostate MRSI predicts outcome in radical prostatectomy patients. Magnetic Resonance Imaging, 2016, 34, 674-681.	1.8	8
313	Extracapsular extension on MRI indicates a more aggressive cell cycle progression genotype of prostate cancer. Abdominal Radiology, 2019, 44, 2864-2873.	2.1	8
314	Interactive, Up-to-date Meta-Analysis of MRI in the Management of Men with Suspected Prostate Cancer. Journal of Digital Imaging, 2020, 33, 586-594.	2.9	8
315	Comparison of PI-RADS Versions 2.0 and 2.1 for MRI-based Calculation of the Prostate Volume. Academic Radiology, 2021, 28, 1548-1556.	2.5	8
316	Clinical nuclear magnetic resonance imaging of the body. Seminars in Nuclear Medicine, 1983, 13, 347-363.	4.6	7
317	MR IMAGING OF THE RETROPERITONEUM AND PELVIS. British Medical Bulletin, 1984, 40, 197-201.	6.9	7
318	Magnetic resonance imaging evaluation of the irradiated female pelvis. Seminars in Roentgenology, 1994, 29, 70-80.	0.6	7
319	Magnetic resonance tumor volumetry in cervical cancer. International Journal of Radiation Oncology Biology Physics, 1996, 35, 1113-1114.	0.8	7
320	The use of MRI in the diagnosis and management of a bulky cervical carcinoma. Gynecologic Oncology, 2003, 89, 517-521.	1.4	7
321	Prevalence and Correlates of Worry About the Health Harms of Medical Imaging Radiation in the General Population. Journal of Primary Care and Community Health, 2016, 7, 219-225.	2.1	7
322	Model selection for high b-value diffusion-weighted MRI of the prostate. Magnetic Resonance Imaging, 2018, 46, 21-27.	1.8	7
323	Ureteric Bud Remnant in Two Patients with Renal Agenesis: Diagnosis by MRI. Journal of Computer Assisted Tomography, 1997, 21, 745-747.	0.9	7
324	Different strategies for reducing intestinal background radioactivity associated with imaging HSV1-tk expression using established radionucleoside probes. Molecular Imaging, 2010, 9, 47-58.	1.4	7

#	Article	IF	Citations
325	The role of MRI in prostate cancer: current and future directions. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2022, 35, 503-521.	2.0	7
326	Assessment of male infertility: Correlation between results of semen analysis and phosphorus-31 magnetic resonance spectroscopy. Urology, 1989, 33, 116-119.	1.0	6
327	Magnetic resonance imaging of splenic iron overload. European Journal of Radiology, 1990, 10, 98-104.	2.6	6
328	Women, careers, and academic radiology. Academic Radiology, 2000, 7, 485-486.	2.5	6
329	Prognostic Utility of MRI Features in Intradiverticular Bladder Tumor. Academic Radiology, 2022, 29, 219-228.	2.5	6
330	Impact of 18F-Fluorodeoxyglucose positron emission tomography on management of cancer of unknown primary: systematic review and meta-analysis. European Journal of Cancer, 2021, 159, 60-77.	2.8	6
331	MRI-detectability of clinically significant prostate cancer relates to oncologic outcomes after prostatectomy. Clinical Genitourinary Cancer, 2022, , .	1.9	6
332	Sonographic evaluation of the rejecting ureter. Urologic Radiology, 1986, 8, 25-31.	0.2	5
333	Reproducibility and clinical correlations of post-treatment changes on CT of prostate cancer bone metastases treated with chemotherapy. British Journal of Radiology, 2012, 85, 1243-1249.	2.2	5
334	Enhancement of Ovarian Malignancy on Clinical Contrast Enhanced MRI Studies. ISRN Obstetrics & Gynecology, 2013, 2013, 1-8.	1.2	5
335	Association Between Penile Dynamic ContrastâEnhanced MRIâDerived Quantitative Parameters and SelfâReported Sexual Function in Patients with Newly Diagnosed Prostate Cancer. Journal of Sexual Medicine, 2014, 11, 2581-2588.	0.6	5
336	Diagnostic Performance of Computed Tomography for Preoperative Staging of Patients with Non-endometrioid Carcinomas of the Uterine Corpus. Annals of Surgical Oncology, 2016, 23, 1271-1278.	1.5	5
337	Closing the gender gap in academic radiology: reasons for hope?. European Radiology, 2020, 30, 1008-1010.	4.5	5
338	Renal cell carcinoma: Associations between tumor imaging features and epidemiological risk factors. European Journal of Radiology, 2020, 129, 109096.	2.6	5
339	Oncologic Errors in Diagnostic Radiology: A 10-Year Analysis Based on Medical Malpractice Claims. Journal of the American College of Radiology, 2021, 18, 1310-1316.	1.8	5
340	Editorial on â€œThe influence of tumor size and morphology on the outcome of patients with FIGO stage IB squamous cell carcinoma of the uterine cervixâ€• International Journal of Radiation Oncology Biology Physics, 1994, 29, 201-203.	0.8	4
341	22 A comparison of the prostate volume defined by magnetic resonance imaging and computerized tomographic (CT) scans during treatment planning for prostate cancer. International Journal of Radiation Oncology Biology Physics, 1995, 32, 152.	0.8	4
342	Masters of Radiology Panel Discussion: Responding to Health Care Reform and Other Market Pressures. American Journal of Roentgenology, 2010, 194, 173-177.	2.2	4

#	Article	IF	Citations
343	View from Above. Radiology, 2012, 262, 399-401.	7.3	4
344	Preoperative CT-based nomogram for predicting overall survival in women with non-endometrioid carcinomas of the uterine corpus. Abdominal Imaging, 2015, 40, 1761-1768.	2.0	4
345	Nuclear magnetic resonance imaging of atherosclerosis. Radiographics, 1984, 4, 137-149.	3.3	3
346	Magnetic resonance imaging in the evaluation of the retroperitoneum. Urologic Radiology, 1986, 8, 151-155.	0.2	3
347	Advances in imaging. Cancer, 1988, 62, 1865-1870.	4.1	3
348	Prediction of focal extracapsular extension at radical prostatectomy: Relative merit of transrectal ultrasound, endorectal magnetic resonance imaging, prostate specific antigen, prostate specific antigen density, and systematic biopsy. Urologic Oncology: Seminars and Original Investigations, 1996, 2, 177-183.	1.6	3
349	First Open Trial of the American College of Radiology Imaging Network: Proper Imaging Approach for Invasive Cervical Cancer. Radiology, 2002, 225, 634-635.	7.3	3
350	Masters of Radiology Panel Discussion: Role of Communication in Today's Radiologic Practices. American Journal of Roentgenology, 2010, 194, 1014-1017.	2.2	3
351	Residual Prostate Tissue After Radical Prostatectomy: Acceptable Surgical Complication or Treatment Failure?. Urology, 2010, 76, 1136-1137.	1.0	3
352	A Statement about Authorship from Individual Members of the International Society for Strategic Studies in Radiology. Radiology, 2013, 266, 14-15.	7.3	3
353	When Vision Prevails: A History of the International Society for Strategic Studies in Radiology. Journal of the American College of Radiology, 2015, 12, 1112-1114.	1.8	3
354	Recommendations for the Initial Cancer Staging MRI Report. Journal of Magnetic Resonance Imaging, 2019, 49, 1209-1211.	3.4	3
355	Congratulations to the 2004 Editorial Fellow. Radiology, 2004, 233, 432-432.	7.3	3
356	Automatic Forecasting of Radiology Examination Volume Trends for Optimal Resource Planning and Allocation. Journal of Digital Imaging, 2022, 35, 1-8.	2.9	3
357	Response. Radiology, 2015, 274, 625.	7.3	3
358	Nuclear Magnetic Resonance and Computed Tomographic Angiography in the Detection of Hepatic Metastases. Journal of Clinical Gastroenterology, 1983, 5, 461-464.	2.2	2
359	Current role of magnetic resonance imaging in urology. Current Opinion in Urology, 1995, 5, 67-74.	1.8	2
360	The impact of systemic chemotherapy on testicular FDG activity in young men with Hodgkinâ€™s lymphoma. European Journal of Nuclear Medicine and Molecular Imaging, 2013, 40, 701-707.	6.4	2

#	Article	IF	Citations
361	Magnetic Resonance Imagingâ€“Targeted Prostate Biopsies: Now Is the Time to START. European Urology, 2013, 64, 553-554.	1.9	2
362	Radiation Brain Drain? The Impact of Demographic Change on U.S. Radiation Protection. Health Physics, 2017, 112, 126-130.	0.5	2
363	Multistakeholder Needs Assessment to Inform the Development of an mHealth-Based Ultrasound-Guided Breast Biopsy Training Program in Nigeria. JCO Global Oncology, 2020, 6, 1813-1823.	1.8	2
364	National Trends in Oncologic Diagnostic Imaging. Journal of the American College of Radiology, 2020, 17, 1116-1122.	1.8	2
365	Women in focus: advice from the front lines on how to enable well-being and build resilience. Insights Into Imaging, 2020, 11, 55.	3.4	2
366	Correlation Between Imaging-Based Intermediate Endpoints and Overall Survival in Men With Metastatic Castration-Resistant Prostate Cancer: Analysis of 28 Randomized Trials Using the Prostate Cancer Clinical Trials Working Group (PCWG2) Criteria in 16,511 Patients. Clinical Genitourinary Cancer, 2022, 20, 69-79.	1.9	2
367	Work in progress; Nuclear magnetic resonance imaging of the gallbladder. Magnetic Resonance Imaging, 1984, 2, 67-68.	1.8	1
368	Changes in Proton Relaxation Times of the Rat Spleen During Adjuvant-Induced Immunologic Reaction. Investigative Radiology, 1986, 21, 221-226.	6.2	1
369	Magnetic resonance imaging of the kidney. World Journal of Urology, 1992, 10, 154-160.	2.2	1
370	Image Interpretation Session. Radiographics, 2002, 22, 1291-1303.	3.3	1
371	Congratulations to the 2005 Editorial Fellows. Radiology, 2005, 237, 12-13.	7.3	1
372	Imaging recurrent prostate cancer. , 0, , 195-222.		1
373	Congratulations to the 2009 RSNA Outstanding Educator: Elliot K. Fishman, MD. Radiographics, 2010, 30, 5-6.	3.3	1
374	Advancing molecular imaging: a chairmanâ€™s perspective on how radiology can meet the challenge. Pediatric Radiology, 2011, 41, 141-143.	2.0	1
375	Masters of Radiology Panel Discussion: Models for Health Care Performance in Radiologyâ€”How Do We Measure Our Productivity and Ourselves?. American Journal of Roentgenology, 2011, 196, 130-135.	2.2	1
376	Multimodality imaging using proton magnetic resonance spectroscopic imaging and18F-fluorodeoxyglucose-positron emission tomography in local prostate cancer. World Journal of Radiology, 2017, 9, 134.	1.1	1
377	Effect of intravascular contrast agent on diffusion and perfusion fraction coefficients in the peripheral zone and prostate cancer. Magnetic Resonance Imaging, 2018, 51, 120-127.	1.8	1
378	Safe spaces for women in challenging environments. The Lancet Global Health, 2019, 7, e1004-e1005.	6.3	1

#	Article	IF	Citations
379	Emergency room imaging in patients with genitourinary cancers: analysis of the spectrum of CT findings and their relation to patient outcomes. Emergency Radiology, 2020, 27, 413-421.	1.8	1
380	Systems Biology and Nanotechnology. , 2008, , 1411-1433.		1
381	Clinical nuclear magnetic resonance imaging of the body. Magnetic Resonance Imaging, 1984, 2, 156-157.	1.8	0
382	Magnetic Resonance Imaging of Fetal Anomalies in Utero. Obstetrical and Gynecological Survey, 1986, 41, 217-220.	0.4	0
383	Magnetic Resonance Imaging Evaluation of Radiation-Induced Changes in Experimentally Implanted Renal Cell Carcinoma. Investigative Radiology, 1987, 22, 206-208.	6.2	0
384	Determination of Prostate Volume with Transrectal Ultrasound for Cancer Screening. Part I. Comparison with Prostate Specific Antigen Assays. Investigative Radiology, 1992, 27, 751.	6.2	0
385	43 Pelvic interstitial brachytherapy â€" improving the therapeutic ratio with magnetic resonance imaging and optimization. Radiotherapy and Oncology, 1996, 39, S11.	0.6	0
386	Imaging in gynecology. Abdominal Imaging, 1997, 22, 550-550.	2.0	0
387	Oncologic imaging in 2002 and beyond. South African Journal of Radiology, 2002, 6, 8-11.	0.3	0
388	Imaging prostate cancer. South African Journal of Radiology, 2002, 6, 21-26.	0.3	0
389	Image Interpretation Session: 2002. Radiographics, 2003, 23, 88-88.	3.3	0
390	Special Communication. Radiographics, 2004, 24, 1607-1607.	3.3	0
391	Congratulations to the 2006 Editorial Fellows. Radiographics, 2006, 26, 1593-1594.	3.3	0
392	Special Communication. Radiographics, 2007, 27, 1611-1612.	3.3	0
393	Current clinical issues in prostate cancer that can be addressed by imaging. , 0, , 29-42.		0
394	Computed tomography imaging in patients with prostate cancer. , 0, , 120-139.		0
395	Magnetic resonance spectroscopic imaging and other emerging magnetic resonance techniques in prostate cancer. , 0, , 158-176.		0
396	Nuclear medicine: diagnostic evaluation of metastatic disease. , 0, , 177-194.		0

#	Article	IF	Citations
397	Magnetic resonance imaging of prostate cancer. , 0, , 140-157.		0
398	Imaging in urology â€“ looking forward. Current Opinion in Urology, 2008, 18, 61-64.	1.8	0
399	Surgical treatment of prostate cancer. , 0, , 43-57.		0
400	2010 RSNA Outstanding Researcher. Radiology, 2010, 257, 599-600.	7.3	0
401	Foreword forGynecologic Imaging across the Life Span. Radiographics, 2012, 32, 1571-1571.	3.3	0
402	Correction of Data Reporting Errors. Radiology, 2013, 269, 949-950.	7.3	0
403	Global challenges in oncologic imaging. Cancer Imaging, 2014, 14, O1-S12.	2.8	0
404	Advances in imaging. Nature Reviews Urology, 2018, 15, 81-82.	3.8	0
405	News From the Academy. Academic Radiology, 2019, 26, 578.	2.5	0
406	Emergency room imaging in pediatric patients with cancer: analysis of the spectrum and frequency of imaging modalities and findings in a tertiary cancer center and their relationship with survival. Cancer Imaging, 2021, 21, 51.	2.8	0
407	CP2-8 Magnetic resonance spectroscopic imaging of the prostate cancer. Japanese Journal of Urology, 2004, 95, 132.	0.1	0
408	CP4-7 Up-to-date radiologic diagnosis of urological cancers. Japanese Journal of Urology, 2004, 95, 144.	0.1	0
409	Congratulations to the 2007 Editorial Fellows. Radiology, 2007, 245, 313-314.	7.3	0
410	Imaging of Ovarian Cancer. , 2010, , 63-85.		0
411	Pelvis. , 2010, , 393-417.		0
412	A Conversation Between Hedvig Hricak and Johannes Czernin. Journal of Nuclear Medicine, 2019, 60, 1038-1041.	5.0	0
413	Pelvis. , 2008, , 963-1077.		0