

Catherine Roy

List of Publications by Year in descending order

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45
papers

2,240
citations

361413

20
h-index

214800

47
g-index

73
all docs

73
docs citations

73
times ranked

3049
citing authors

#	ARTICLE	IF	CITATIONS
1	Acute Pulmonary Embolism in Patients with COVID-19 at CT Angiography and Relationship to D-Dimer Levels. <i>Radiology</i> , 2020, 296, E189-E191.	7.3	513
2	Lymph node metastases: safety and effectiveness of MR imaging with ultrasmall superparamagnetic iron oxide particles—initial clinical experience. <i>Radiology</i> , 1998, 207, 799-808.	7.3	271
3	Contrast Enhances Color Doppler Endorectal Sonography of Prostate: Efficiency for Detecting Peripheral Zone Tumors and Role for Biopsy Procedure. <i>Journal of Urology</i> , 2003, 170, 69-72.	0.4	170
4	Comparative Sensitivities of Functional MRI Sequences in Detection of Local Recurrence of Prostate Carcinoma After Radical Prostatectomy or External-Beam Radiotherapy. <i>American Journal of Roentgenology</i> , 2013, 200, W361-W368.	2.2	108
5	MR Imaging of papillary renal neoplasms: potential application for characterization of small renal masses. <i>European Radiology</i> , 2007, 17, 193-200.	4.5	91
6	Assessment of painful ureterohydronephrosis during pregnancy by MR urography. <i>European Radiology</i> , 1996, 6, 334-338.	4.5	89
7	Value of diffusion-weighted imaging to detect small malignant pelvic lymph nodes at 3T. <i>European Radiology</i> , 2010, 20, 1803-1811.	4.5	82
8	Significance of the Pseudocapsule on MRI of Renal Neoplasms and Its Potential Application for Local Staging: A Retrospective Study. <i>American Journal of Roentgenology</i> , 2005, 184, 113-120.	2.2	73
9	Evaluation of RARE-MR Urography in the Assessment of Ureterohydronephrosis. <i>Journal of Computer Assisted Tomography</i> , 1994, 18, 601-608.	0.9	70
10	MR urography in the evaluation of urinary tract obstruction. <i>Abdominal Imaging</i> , 1998, 23, 27-34.	2.0	70
11	Fast imaging MR assessment of ureterohydronephrosis during pregnancy. <i>Magnetic Resonance Imaging</i> , 1995, 13, 767-772.	1.8	62
12	Acute torsion of uterine leiomyoma: CT features. <i>Abdominal Imaging</i> , 2004, 30, 120-123.	2.0	58
13	Small pelvic lymph node metastases: Evaluation with MR imaging. <i>Clinical Radiology</i> , 1997, 52, 437-440.	1.1	48
14	Acute adrenal infarction as an incidental CT finding and a potential prognosis factor in severe SARS-CoV-2 infection: a retrospective cohort analysis on 219 patients. <i>European Radiology</i> , 2021, 31, 895-900.	4.5	48
15	Duplex Doppler sonography of the flaccid penis: Potential role in the evaluation of impotence. <i>Journal of Clinical Ultrasound</i> , 2000, 28, 290-294.	0.8	41
16	Thoracic dual energy CT: Acquisition protocols, current applications and future developments. <i>Diagnostic and Interventional Imaging</i> , 2014, 95, 1017-1026.	3.2	37
17	Current practice and access to prostate MR imaging in France. <i>Diagnostic and Interventional Imaging</i> , 2016, 97, 1125-1129.	3.2	30
18	Kidney cortex segmentation in 2D CT with U-Nets ensemble aggregation. <i>Diagnostic and Interventional Imaging</i> , 2019, 100, 211-217.	3.2	30

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19	Efficiency of MR imaging to orientate surgical treatment of posterior deep pelvic endometriosis. <i>Abdominal Imaging</i> , 2009, 34, 251-259.	2.0	28
20	Papillary renal cell carcinoma in allograft kidney. <i>European Radiology</i> , 2005, 15, 661-665.	4.5	23
21	Imaging protocols for CT urography: results of a consensus conference from the French Society of Genitourinary Imaging. <i>European Radiology</i> , 2020, 30, 1387-1396.	4.5	20
22	CT and MR imaging features of mucinous tubular and spindle cell carcinoma of the kidneys. A multi-institutional review. <i>European Radiology</i> , 2017, 27, 1087-1095.	4.5	18
23	Potential role of duplex Doppler sonography in acute renal colic. , 1998, 26, 427-432.		16
24	Imaging of lung transplant complications. <i>Diagnostic and Interventional Imaging</i> , 2014, 95, 399-409.	3.2	16
25	Accuracy of intermediate dose of furosemide injection to improve multidetector row CT urography. <i>European Journal of Radiology</i> , 2008, 66, 253-261.	2.6	15
26	Benign hyperplasia in ectopic prostatic tissue: a rare cause of pelvic mass. <i>European Radiology</i> , 1997, 7, 35-37.	4.5	13
27	Wide-volume versus helical acquisition in unenhanced chest CT: prospective intra-patient comparison of diagnostic accuracy and radiation dose in an ultra-low-dose setting. <i>European Radiology</i> , 2019, 29, 6858-6866.	4.5	13
28	Prostate cancer diagnosis: Efficacy of a simple electromagnetic MRI-TRUS fusion method to target biopsies. <i>European Journal of Radiology</i> , 2017, 86, 127-134.	2.6	12
29	Shear-wave elastography of the testicle: potential role of the stiffness value in various common testicular diseases. <i>Clinical Radiology</i> , 2020, 75, 560.e9-560.e17.	1.1	12
30	Tumour pathology of the bladder: The role of MRI. <i>Diagnostic and Interventional Imaging</i> , 2012, 93, 297-309.	3.2	11
31	MR urography (MRU) of non-dilated ureter with diuretic administration: Static fluid 2D FSE T2-weighted versus 3D gadolinium T1-weighted GE excretory MR. <i>European Journal of Radiology Open</i> , 2014, 1, 6-13.	1.6	11
32	DWI in the Etiologic Diagnosis of Excretory Upper Urinary Tract Lesions: Can It Help in Differentiating Benign From Malignant Tumors? A Retrospective Study of 98 Patients. <i>American Journal of Roentgenology</i> , 2016, 207, 106-113.	2.2	9
33	Magnetic resonance urography. <i>BJU International</i> , 2002, 86, 42-47.	2.5	8
34	Single source dual energy CT: What is the optimal monochromatic energy level for the analysis of the lung parenchyma?. <i>European Journal of Radiology</i> , 2017, 88, 163-170.	2.6	6
35	Wide volume versus helical acquisition using 320-detector row computed tomography for computed tomography urography in adults. <i>Diagnostic and Interventional Imaging</i> , 2018, 99, 653-662.	3.2	6
36	Report of two cases of Accessory Cavitated Uterine Mass (ACUM): Diagnostic challenge for MRI. <i>Radiology Case Reports</i> , 2021, 16, 3465-3469.	0.6	4

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37	Unilateral renal cortical necrosis: Report of a case. Diagnostic and Interventional Imaging, 2013, 94, 463-465.	3.2	3
38	Acute Myopericarditis in a Patient With Mild SARS-CoV-2 Respiratory Infection. CJC Open, 2020, 2, 435-437.	1.5	2
39	Cancer de la prostate : forme commune. Feuillet De Radiologie, 2005, 45, 323-344.	0.0	1
40	Diagnostic radiologique de l'impuissance masculine. EMC - Radiologie, 2005, 2, 653-677.	0.0	1
41	Diagnóstico por imágenes de la litiasis urinaria: «Tres en uno». EMC - Urología, 2006, 38, 1-20.	0.0	1
42	Evaluation of the female bladder neck and urethra using MRI with fiber tractography: Prospective study on a large cohort of continent women. Neurourology and Urodynamics, 2021, 40, 1441-1449.	1.5	1
43	Pathologie tumorale de la vessie: rôle de l'IRM. Diagnostic and Interventional Imaging, 2012, 93, 321-333.	0.0	0
44	P768 Increased carotid artery stiffness in coronary artery disease assessed by speckle-tracking and its good association with aortic stiffness and endothelial dysfunction. Cardiovascular Research, 2014, 103, S141.1-S141.	3.8	0
45	La fibrose tropicotonale. Journal D'imagerie Diagnostique Et Interventionnelle, 2019, 2, 78-82.	0.0	0