

Rosario Francesco Grasso

List of Publications by Year in descending order

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81
papers

1,519
citations

279701

23
h-index

345118

36
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85
all docs

85
docs citations

85
times ranked

1836
citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamic contrast enhanced magnetic resonance imaging of the terminal ileum: differentiation of activity of Crohn's disease. Abdominal Imaging, 2008, 33, 417-424.	2.0	114
2	Diagnosis of deep infiltrating endometriosis: accuracy of magnetic resonance imaging and transvaginal 3D ultrasonography. Abdominal Imaging, 2010, 35, 716-725.	2.0	94
3	Radiofrequency versus microwave ablation for treatment of the lung tumours: LUMIRA (lung) Tj ETQq1 1 0.784314,rgBT /Overlock 10	1.2	68
4	Percutaneous management of bone metastases: state of the art, interventional strategies and joint position statement of the Italian College of MSK Radiology (ICoMSKR) and the Italian College of Interventional Radiology (ICIR). Radiologia Medica, 2019, 124, 34-49.	4.7	67
5	Stature estimation from scapular measurements by CT scan evaluation in an Italian population. Legal Medicine, 2013, 15, 202-208.	0.6	53
6	EUS-guided Nd:YAG laser ablation of a hepatocellular carcinoma in the caudate lobe. Gastrointestinal Endoscopy, 2011, 73, 632-636.	0.5	52
7	Temperature monitoring during microwave ablation in ex vivo porcine livers. European Journal of Surgical Oncology, 2015, 41, 1699-1705.	0.5	52
8	Percutaneous Long Bone Cementoplasty for Palliation of Malignant Lesions of the Limbs: A Systematic Review. CardioVascular and Interventional Radiology, 2015, 38, 1563-1572.	0.9	47
9	Diffusion-weighted magnetic resonance imaging in patients selected for radical cystectomy: detection rate of pelvic lymph node metastases. BJU International, 2012, 109, 1031-1036.	1.3	45
10	Percutaneous lung biopsy: comparison between an augmented reality CT navigation system and standard CT-guided technique. International Journal of Computer Assisted Radiology and Surgery, 2013, 8, 837-848.	1.7	42
11	Posterior pelvic floor disorders: a prospective comparison using introital ultrasound and colpocystodefecography. Ultrasound in Obstetrics and Gynecology, 2007, 30, 86-94.	0.9	37
12	Letter to the Editor. American Heart Journal, 2007, 154, e1.	1.2	36
13	Interventional Radiologist's perspective on the management of bone metastatic disease. European Journal of Surgical Oncology, 2015, 41, 967-974.	0.5	36
14	Cone-Beam Computed Tomography (CBCT) Versus CT in Lung Ablation Procedure: Which is Faster?. CardioVascular and Interventional Radiology, 2015, 38, 1231-1236.	0.9	35
15	Percutaneous Image-Guided Cryoablation of Breast Cancer: A Systematic Review. Journal of Vascular and Interventional Radiology, 2015, 26, 1652-1657.e1.	0.2	35
16	Bone metastases in breast cancer: higher prevalence of osteosclerotic lesions. Radiologia Medica, 2007, 112, 1049-1059.	4.7	34
17	A prospective analysis of CT density measurements of bone metastases after treatment with zoledronic acid. Skeletal Radiology, 2007, 36, 1121-1127.	1.2	33
18	Percutaneous lung biopsies: performance of an optical CT-based navigation system with a low-dose protocol. European Radiology, 2013, 23, 3071-3076.	2.3	32

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19	Endorectal magnetic resonance imaging in the preoperative staging of rectal tumors. International Surgery, 1996, 81, 419-22.	0.0	31
20	Ultrasound Guided versus Direct Vein Puncture in Central Venous Port Placement. Journal of Vascular Access, 2000, 1, 73-77.	0.5	28
21	Pancreatic Arteriovenous Malformation Involving the Duodenum Embolized with Ethylene-Vinyl Alcohol Copolymer (Onyx). CardioVascular and Interventional Radiology, 2012, 35, 958-962.	0.9	28
22	Flat-Panel Cone-Beam Ct-Guided Radiofrequency Ablation of Very Small (≈ 1.5 cm) Liver Tumors: Technical Note on a Preliminary Experience. CardioVascular and Interventional Radiology, 2015, 38, 206-212.	0.9	27
23	Multipoint Temperature Monitoring of Microwave Thermal Ablation in Bones through Fiber Bragg Grating Sensor Arrays. Sensors, 2020, 20, 3200.	2.1	25
24	Superficial Temporal Artery Pseudoaneurysm: A Conservative Approach in a Critically Ill Patient. CardioVascular and Interventional Radiology, 2007, 30, 286-288.	0.9	24
25	Percutaneous peritoneovenous shunt positioning: technique and preliminary results. European Radiology, 2002, 12, 1188-1192.	2.3	21
26	MR imaging of rectal cancer before and after chemoradiation therapy. Radiologia Medica, 2012, 117, 1125-1138.	4.7	21
27	Role of whole-body diffusion-weighted MRI in detecting bone metastasis. Radiologia Medica, 2014, 119, 758-766.	4.7	21
28	Increased visceral adipose tissue in clear cell renal cell carcinoma with and without peritumoral collateral vessels. British Journal of Radiology, 2020, 93, 20200334.	1.0	21
29	Increased visceral adipose tissue in male patients with non-clear cell renal cell carcinoma. Radiologia Medica, 2020, 125, 538-543.	4.7	21
30	Fiber Bragg Grating Sensors for Temperature Monitoring During Thermal Ablation Procedure: Experimental Assessment of Artefact Caused by Respiratory Movements. IEEE Sensors Journal, 2021, 21, 13342-13349.	2.4	21
31	Percutaneous low-dose CT-guided lung biopsy with an augmented reality navigation system: validation of the technique on 496 suspected lesions. Clinical Imaging, 2018, 49, 101-105.	0.8	20
32	Gadolinium-based contrast agents: did we miss something in the last 25 years?. Radiologia Medica, 2016, 121, 478-481.	4.7	19
33	Dynamic contrast-enhanced MR evaluation of prostate cancer before and after endorectal high-intensity focused ultrasound. Radiologia Medica, 2013, 118, 851-862.	4.7	16
34	Imaging of Renal Medullary Carcinoma. Journal of Kidney Cancer and VHL, 2017, 4, 1-7.	0.2	16
35	Investigation of the Heat Sink Effect During Microwave Ablation in Hepatic Tissue: Experimental and Numerical Analysis. IEEE Sensors Journal, 2021, 21, 22743-22751.	2.4	15
36	Temperature Monitoring in Hyperthermia Treatments of Bone Tumors: State-of-the-Art and Future Challenges. Sensors, 2021, 21, 5470.	2.1	15

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37	Azygo-Tracheal Fistula in a Complete Implantable Central Venous System. Journal of Clinical Oncology, 2006, 24, 4029-4031.	0.8	13
38	The Role of White Matter Damage in the Risk of Periprocedural Diffusion-Weighted Lesions after Carotid Artery Stenting. Cerebrovascular Diseases Extra, 2017, 7, 1-8.	0.5	12
39	The Impact of Tumor Edema on T2-Weighted 3T-MRI Invasive Breast Cancer Histological Characterization: A Pilot Radiomics Study. Cancers, 2021, 13, 4635.	1.7	12
40	Percutaneous Computed Tomography-Guided Lung Biopsies: Preliminary Results using an Augmented Reality Navigation System. Tumori, 2012, 98, 775-782.	0.6	10
41	Ultrasound Imaging of Cystic Nephroma. Journal of Kidney Cancer and VHL, 2017, 4, 1-9.	0.2	10
42	Body composition assessment: comparison of quantitative values between magnetic resonance imaging and computed tomography. Quantitative Imaging in Medicine and Surgery, 2022, 12, 1450-1466.	1.1	10
43	Vocal Cord Metastasis From Breast Cancer. Journal of Clinical Oncology, 2007, 25, 1803-1805.	0.8	8
44	DyCoH: an innovative tool to Dynamic Contrast Enhancement analysis. Annual International Conference of the IEEE Engineering in Medicine and Biology Society, 2007, 2007, 63-6.	0.5	8
45	Bile Leak Refilling an Intrahepatic Biloma Managed with AMPLATZER Vascular Plug. Journal of Vascular and Interventional Radiology, 2011, 22, 1637-1638.	0.2	8
46	Classic Kaposi Sarcoma: to treat or not to treat?. BMC Research Notes, 2015, 8, 138.	0.6	8
47	Deep Vein Thrombosis, Inferior Vena Cava Interruption and Multiple Thrombophilic Gene Mutations. American Journal of the Medical Sciences, 2011, 342, 79-82.	0.4	7
48	MRI role in morphological and functional assessment of the levator ani muscle: Use in patients affected by stress urinary incontinence (SUI) before and after pelvic floor rehabilitation. European Journal of Radiology, 2014, 83, 479-486.	1.2	7
49	Analysis of histological findings obtained combining US/mp-MRI fusion-guided biopsies with systematic US biopsies: mp-MRI role in prostate cancer detection and false negative. Radiologia Medica, 2018, 123, 143-152.	4.7	7
50	Impact of an Augmented Reality Navigation System (SIRIO) on Bone Percutaneous Procedures: A Comparative Analysis with Standard CT-Guided Technique. Current Oncology, 2021, 28, 1751-1760.	0.9	7
51	Subcutaneous Adipose Tissue Reduction in Patients with Clear Cell Renal Cell Carcinoma and Peritumoral Collateral Vessels: A Retrospective Observational Study. Applied Sciences (Switzerland), 2021, 11, 6076.	1.3	7
52	Hepatic intra-arterial chemotherapy using a percutaneous catheter in pretreated patients with metastatic colorectal carcinoma. Anticancer Research, 2003, 23, 5023-30.	0.5	6
53	Augmented reality 3D navigation system for percutaneous CT-guided pulmonary ground-glass opacity biopsies: a comparison with the standard CT-guided technique. Journal of Thoracic Disease, 2022, 14, 247-256.	0.6	6
54	Radiofrequency ablation of renal cell carcinoma in patients with a solitary kidney: a retrospective analysis of our experience. Radiologia Medica, 2012, 117, 606-615.	4.7	5

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55	A comparative analysis of thermal ablation techniques in the treatment of primary and secondary lung tumors: a single-center experience. Radiologia Medica, 2022, 127, 714-724.	4.7	5
56	COVID-19 vaccination simulating lymph node progression in a patient with prostate cancer. Radiology Case Reports, 2022, 17, 2996-2999.	0.2	5
57	A mocking finding: portal cavernoma mimicking neoplastic mass: first sign of myeloproliferative disorder in a patient with Janus kinase2 V617F mutation. European Journal of Gastroenterology and Hepatology, 2009, 21, 233-236.	0.8	4
58	Differentiation of normal and neoplastic bone tissue in dynamic gadolinium-enhanced magnetic resonance imaging: validation of a semiautomated technique. Radiologia Medica, 2010, 115, 804-814.	4.7	4
59	Retrograde fluoroscopy-guided trans-urethral exchange of ureteral stents: Comparison of direct grasping vs. modified snare. Indian Journal of Radiology and Imaging, 2013, 23, 347-350.	0.3	4
60	Direct magnetic resonance (MR) shoulder arthrography: posterior approach under ultrasonographic guidance and abduction (PAUGA). Radiologia Medica, 2013, 118, 806-815.	4.7	3
61	Letter to the Editor Haemorrhoidal disease in severe portal hypertension: a combined approach with transjugular intrahepatic portosystemic shunt (TIPS) and transanal haemorrhoidal dearterialization (THD). Archives of Medical Science, 2014, 1, 195-196.	0.4	3
62	Reversible Electrochemotherapy (ECT) as a Treatment Option for Local RCC Recurrence in Solitary Kidney. CardioVascular and Interventional Radiology, 2020, 43, 1091-1094.	0.9	3
63	Composition of Perinephric Fat and Fuhrman Grade in Clear Cell Renal Cell Carcinoma: The Role of Peritumoral Collateral Vessels. Applied Sciences (Switzerland), 2021, 11, 3941.	1.3	3
64	Imaging of Renal Angiomyolipomatosis. Journal of Renal and Hepatic Disorders, 2018, 2, 10-19.	0.1	3
65	Combined trans-arterial embolisation and microwave ablation for the treatment of large unresectable hepatic metastases (>3â€‰cm in maximal diameter). International Journal of Hyperthermia, 2020, 37, 1395-1403.	1.1	3
66	Malignant metastatic melanoma of common bile duct: virtual CT cholangioscopy findings. Hepato-Gastroenterology, 2003, 50, 1333-5.	0.5	3
67	Percutaneous computed tomography-guided lung biopsies: preliminary results using an augmented reality navigation system. Tumori, 2012, 98, 775-82.	0.6	3
68	Sunitinib in malignant melanoma: a treatment option only for <i>KIT</i>-mutated patients?. Future Oncology, 2013, 9, 1809-1811.	1.1	2
69	Temperature Monitoring During Microwave Thermal Ablation of Ex Vivo Bovine Bone: a Pilot Test. , 2020, , .		2
70	Temperature Monitoring by Fiber Bragg Gratings during Microwave Ablation of Ex Vivo Organs for Heat Sink Effect Assessment. , 2021, , .		2
71	Lung Thermal Ablation: Comparison between an Augmented Reality Computed Tomography (CT) 3D Navigation System (SiRIO) and Standard CT-Guided Technique. Biology, 2021, 10, 646.	1.3	2
72	[Factors affecting the results of ultrasound-guided percutaneous biopsy in oncology]. Radiologia Medica, 2004, 107, 252-60.	4.7	2

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73	Neuroendocrine tumor presenting like lymphoma: a case report. Journal of Medical Case Reports, 2011, 5, 506.	0.4	1
74	Bilateral transrenal ureteral occlusion by means of n-butyl cyanoacrylate and AMPLATZER vascular plug. Indian Journal of Radiology and Imaging, 2014, 24, 129-131.	0.3	1
75	Percutaneous radiofrequency ablation of a bleeding pseudoaneurysm during CT-guided renal cancer treatment. A case report. Emergency Radiology, 2016, 23, 527-530.	1.0	1
76	Evaluation of the Thermal Response of Liver Tissue Undergoing Microwave Treatment by Means of Fiber Bragg Grating Sensors. , 2020, , .		1
77	Different Treatments of Symptomatic Angiomyolipomas of the Kidney. Journal of Kidney Cancer and VHL, 2021, 8, 32-37.	0.2	1
78	Re: Three-dimensional transperineal ultrasonography for evaluation of the anal sphincter complex: another dimension in understanding peripartum sphincter trauma. Ultrasound in Obstetrics and Gynecology, 2006, 28, 353-354.	0.9	0
79	Peripheral Graft Infection due to Staphylococcus aureus without Abnormal Findings by 99mTc-HMPAO-Labeled-Leukocyte Scan. Internal Medicine, 2008, 47, 1941-1944.	0.3	0
80	Cryoablation of lung malignancies recurring close to surgical clips following surgery: Report of three cases. Indian Journal of Radiology and Imaging, 2015, 25, 11.	0.3	0
81	A Case of Secretory Carcinoma in a Patient With a History of Contralateral Medullary Carcinoma. Cancer Diagnosis & Prognosis, 2022, 2, 87-92.	0.3	0