Afshin Gangi

List of Publications by Year in descending order

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172207 189595 3,079 129 29 50 citations h-index g-index papers 131 131 131 2106 docs citations times ranked citing authors all docs

#	Article	IF	Citations
1	Percutaneous Image-Guided Cryoablation of Post-Surgical Renal Cancer Recurrences in the Renal Fossa: A Single-Center Retrospective Analysis. CardioVascular and Interventional Radiology, 2022, , 1.	0.9	О
2	Percutaneous osteoplasty in long bones: Current status and assessment of outcomes. Techniques in Vascular and Interventional Radiology, 2022, 25, 100803.	0.4	2
3	Safety and Efficacy of Percutaneous Cryoablation of Extraspinal Thyroid Cancer Bone Metastases with Curative Intent: Single-Center Experience with a Median Follow-up of More than 5 Years. Journal of Vascular and Interventional Radiology, 2022, 33, 797-804.	0.2	7
4	Towards Personalized Musculoskeletal Interventional Oncology: Enhanced Image-Guided Biopsies and Interventions. Seminars in Roentgenology, 2022, , .	0.2	1
5	Percutaneous Cryoablation for Recurrent Head and Neck Tumors. CardioVascular and Interventional Radiology, 2022, 45, 791-799.	0.9	2
6	Desmoid tumors located in the abdomen or associated with adenomatous polyposis: French intergroup clinical practice guidelines for diagnosis, treatment, and follow-up (SNFGE, FFCD, GERCOR,) Tj ETQq0	0 0. ngBT /	Oværlock 10 ⁻
7	Percutaneous irreversible electroporation of porta hepatis lymph node metastasis. Diagnostic and Interventional Imaging, 2021, 102, 53-54.	1.8	4
8	Interventional Radiology Outpatient Clinics (IROC): Clinical Impact and Patient Satisfaction. CardioVascular and Interventional Radiology, 2021, 44, 118-126.	0.9	9
9	Percutaneous hydrodissection for thermoprotection during cryoablation of periureteric and pyeloureteric junction renal cell carcinomas. Abdominal Radiology, 2021, 46, 1179-1187.	1.0	6
10	Diagnostic accuracy and safety of percutaneous MRI-guided biopsy of solid renal masses: single-center results after 4.5Âyears. European Radiology, 2021, 31, 580-590.	2.3	9
11	Percutaneous vertebroplasty of the cervical spine performed via a posterior trans-pedicular approach. European Radiology, 2021, 31, 591-598.	2.3	9
12	Palliative Bone Tumors Thermal Ablation. Medical Radiology, 2021, , 81-89.	0.0	0
13	Transosseous Temperature Monitoring of the Anterior Epidural Space during Thermal Ablation in the Thoracic Spine. CardioVascular and Interventional Radiology, 2021, 44, 982-987.	0.9	5
14	Percutaneous cryoablation for advanced and refractory extra-abdominal desmoid tumors. International Journal of Clinical Oncology, 2021, 26, 1147-1158.	1.0	19
15	Cryoablation for Palliation of Painful Bone Metastases: The MOTION Multicenter Study. Radiology Imaging Cancer, 2021, 3, e200101.	0.7	31
16	Artificial ascites using the guidewire technique during microwave ablation in the liver dome: technique and analysis of fluid repartition. Abdominal Radiology, 2021, 46, 4452-4459.	1.0	3
17	Complications of percutaneous image-guided screw fixation: An analysis of 94 consecutive patients. Diagnostic and Interventional Imaging, 2021, 102, 347-353.	1.8	7
18	Percutaneous thermal ablation of sacral metastases: Assessment of pain relief and local tumor control. Diagnostic and Interventional Imaging, 2021, 102, 355-361.	1.8	14

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19	Safety and oncologic efficacy of percutaneous MRI-guided cryoablation of intraparenchymal renal cancers. Diagnostic and Interventional Imaging, 2021, 102, 531-538.	1.8	15
20	Consensus Guidelines for the Definition of Time-to-Event End Points in Image-guided Tumor Ablation: Results of the SIO and DATECAN Initiative. Radiology, 2021, 301, 533-540.	3.6	72
21	Safety of Thermosensor Insertion in the Midline of the Spinal Canal Anterior to the Dura: A Cadaveric Study. CardioVascular and Interventional Radiology, 2021, 44, 1986-1993.	0.9	2
22	Freezing Nodal Disease: Local Control Following Percutaneous Image-Guided Cryoablation of Locoregional and Distant Lymph Node Oligometastases: A 10-Year, Single-Center Experience. Journal of Vascular and Interventional Radiology, 2021, 32, 1435-1444.	0.2	3
23	Percutaneous Image-Guided Anterior Screw Fixation of the Odontoid Process. CardioVascular and Interventional Radiology, 2021, 44, 647-653.	0.9	3
24	Safety and Oncologic Outcomes of Magnetic Resonance Imaging–Guided Cryoablation of Renal Cell Carcinoma. Investigative Radiology, 2021, 56, 153-162.	3.5	11
25	Percutaneous Spinal Tumor Management. , 2021, , 241-265.		0
26	Liver-Directed Therapy for Neuroendocrine Metastases: From Interventional Radiology to Nuclear Medicine Procedures. Cancers, 2021, 13, 6368.	1.7	11
27	Large nearly spherical ablation zones are achieved with simultaneous multi-antenna microwave ablation applied to treat liver tumours. European Radiology, 2020, 30, 971-975.	2.3	22
28	Augmented reality and artificial intelligence-based navigation during percutaneous vertebroplasty: a pilot randomised clinical trial. European Spine Journal, 2020, 29, 1580-1589.	1.0	75
29	PET/CMR. JACC: Cardiovascular Imaging, 2020, 13, 1270-1275.	2.3	3
30	Interventional imaging: MR., 2020,, 673-699.		1
31	Continuous Injection of Large Volumes of Cement Through a Single 10G Vertebroplasty Needle in Cases of Large Osteolytic Lesions. CardioVascular and Interventional Radiology, 2020, 43, 658-661.	0.9	2
32	French Multidisciplinary Approach for the Treatment of MSK Tumors. Seminars in Musculoskeletal Radiology, 2020, 24, 310-322.	0.4	10
33	Spinal Tumor Ablation: Indications, Techniques, and Clinical Management. Techniques in Vascular and Interventional Radiology, 2020, 23, 100677.	0.4	14
34	Hydrodissection of the Retro-Sternal Space to Protect the Pericardium During Sternal Cryoablation. CardioVascular and Interventional Radiology, 2020, 43, 1371-1377.	0.9	4
35	Musculoskeletal interventional oncology: current and future practices. British Journal of Radiology, 2020, 93, 20200465.	1.0	11
36	Hydrodissection of the Porta Hepatis for Centrally Located Liver Tumors. Journal of Vascular and Interventional Radiology, 2020, 31, 1945-1947.e1.	0.2	0

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37	Biomechanics of the Osseous Pelvis and Its Implication for Consolidative Treatments in Interventional Oncology. CardioVascular and Interventional Radiology, 2020, 43, 1589-1599.	0.9	12
38	Complications Following Percutaneous Image-guided Radiofrequency Ablation of Bone Tumors: A 10-year Dual-Center Experience. Radiology, 2020, 296, 227-235.	3.6	39
39	Is percutaneous image-guided renal tumour ablation ready for prime time?. British Journal of Radiology, 2020, 93, 20200284.	1.0	7
40	Adjunctive hydrodissection of the bare area of liver during percutaneous thermal ablation of sub-cardiac hepatic tumours. Abdominal Radiology, 2020, 45, 3352-3360.	1.0	8
41	Interventional Radiology and Stroke Thrombectomy in Europe: An Online Survey by the Cardiovascular and Interventional Radiological Society in Europe. CardioVascular and Interventional Radiology, 2020, 43, 1578-1580.	0.9	2
42	Percutaneous MR-Guided Cryoablation of Low-Flow Vascular Malformation: Technical Feasibility, Safety and Clinical Efficacy. CardioVascular and Interventional Radiology, 2020, 43, 858-865.	0.9	15
43	Stomach Displacement Utilizing Levering of Blunt-Tip Needles. CardioVascular and Interventional Radiology, 2020, 43, 945-947.	0.9	2
44	Performance of a New Blunt-Tip Needle for the Displacement of Critical Structure in Thermal Ablation. CardioVascular and Interventional Radiology, 2020, 43, 924-930.	0.9	2
45	Percutaneous image-guided thermal ablation of bone metastases: aÂretrospective propensity study comparing the safety profile of radio-frequency ablation and cryo-ablation. International Journal of Hyperthermia, 2020, 37, 1386-1394.	1.1	12
46	Audit of electronic operative documentation in interventional radiology: the value of standardised proformas. CVIR Endovascular, 2020, 3, 70.	0.4	2
47	Interventional Techniques for Bone and Musculoskeletal Soft Tissue Tumors: Current Practices and Future Directions – Part II. Stabilization. Seminars in Musculoskeletal Radiology, 2020, 24, 710-725.	0.4	8
48	Self-supervision on Unlabelled or Data for Multi-person 2D/3D Human Pose Estimation. Lecture Notes in Computer Science, 2020, , 761-771.	1.0	4
49	"Prostate management―under MRI-guidance: 7 years of improvements. Translational Cancer Research, 2020, 9, 2280-2286.	0.4	0
50	Interventional radiology and artificial intelligence in radiology: Is it time to enhance the vision of our medical students?. Insights Into Imaging, 2020, 11, 127.	1.6	12
51	Percutaneous Image-Guided Cryoablation of Osteoblastoma. American Journal of Roentgenology, 2019, 213, 1157-1162.	1.0	24
52	Transforaminal Insertion of a Thermocouple on the Posterior Vertebral Wall Combined with Hydrodissection during Lumbar Spinal Radiofrequency Ablation. American Journal of Neuroradiology, 2019, 40, 1786-1790.	1.2	13
53	Biomechanical effects of osteoplasty with or without Kirschner wire augmentation on long bone diaphyses undergoing bending stress: implications for percutaneous imaging-guided consolidation in cancer patients. European Radiology Experimental, 2019, 3, 4.	1.7	9
54	Embolisation of pulmonary arteriovenous malformations using high-frequency jet ventilation: benefits of minimising respiratory motion. European Radiology Experimental, 2019, 3, 26.	1.7	4

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55	Percutaneous consolidation of bone metastases: strategies and techniques. Insights Into Imaging, 2019, 10, 14.	1.6	16
56	Efficacy of the Vertebral Body Stenting System for the Restoration of Vertebral Height in Acute Traumatic Compression Fractures in a Non-osteoporotic Population. CardioVascular and Interventional Radiology, 2019, 42, 1579-1587.	0.9	14
57	Percutaneous MR-guided whole-gland prostate cancer cryoablation: safety considerations and oncologic results in 30 consecutive patients. British Journal of Radiology, 2019, 92, 20180965.	1.0	10
58	Hydrodissection of the Gallbladder Bed: A Technique for Ablations Located Close to the Gallbladder. CardioVascular and Interventional Radiology, 2019, 42, 1029-1035.	0.9	9
59	Accuracy of a CT-Ultrasound Fusion Imaging Guidance System Used for Hepatic Percutaneous Procedures. Journal of Vascular and Interventional Radiology, 2019, 30, 1013-1020.	0.2	7
60	Complications of Percutaneous Bone Tumor Cryoablation: A 10-year Experience. Radiology, 2019, 291, 521-528.	3.6	69
61	Percutaneous MR-guided prostate cancer cryoablation technical updates and literature review. BJR Open, 2019, 1, 20180043.	0.4	9
62	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
63	Robotically Assisted CBCT-Guided Needle Insertions: Preliminary Results in a Phantom Model. CardioVascular and Interventional Radiology, 2019, 42, 283-288.	0.9	10
64	Hydrodissection of the Retrohepatic Space: A Technique to Physically Separate a Liver Tumour from the Inferior Vena Cava and the Ostia of the Hepatic Veins. CardioVascular and Interventional Radiology, 2019, 42, 137-144.	0.9	4
65	Adjunctive Thermoprotection During Percutaneous Thermal Ablation Procedures: Review of Current Techniques. CardioVascular and Interventional Radiology, 2019, 42, 344-357.	0.9	70
66	Human Pose Estimation on Privacy-Preserving Low-Resolution Depth Images. Lecture Notes in Computer Science, 2019, , 583-591.	1.0	16
67	Adrenal Biopsy under Wide-Bore MR Imaging Guidance. Journal of Vascular and Interventional Radiology, 2018, 29, 285-290.	0.2	7
68	Radiofrequency ablation for the treatment of knee osteoarthritis: present status and future perspectives. International Journal of Hyperthermia, 2018, 34, 1270-1271.	1.1	1
69	Low-power bipolar radiofrequency ablation and vertebral augmentation for the palliative treatment of spinal malignancies. International Journal of Hyperthermia, 2018, 34, 1282-1288.	1.1	27
70	Percutaneous radiofrequency ablation of painful spinal metastasis: a systematic literature assessment of analgesia and safety. International Journal of Hyperthermia, 2018, 34, 1272-1281.	1.1	37
71	How to Perform a Routine Cryoablation Under MRI Guidance. Topics in Magnetic Resonance Imaging, 2018, 27, 33-38.	0.7	26
72	Trans-rectal Ultrasound-Guided Autologous Blood Injection in the Interprostatorectal Space Prior to Percutaneous MRI-Guided Cryoablation of the Prostate. CardioVascular and Interventional Radiology, 2018, 41, 653-659.	0.9	8

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73	Protection of the Proximal Articular Cartilage During Percutaneous Thermal Ablation of Acetabular Metastasis Using Temperature Monitoring. CardioVascular and Interventional Radiology, 2018, 41, 163-169.	0.9	9
74	Safety Considerations and Local Tumor Control Following Percutaneous Image-Guided Cryoablation of T1b Renal Tumors. CardioVascular and Interventional Radiology, 2018, 41, 449-458.	0.9	22
75	Percutaneous Thermal Ablation of Spinal Metastases: Recent Advances and Review. American Journal of Roentgenology, 2018, 210, 142-152.	1.0	44
76	Current role of interventional radiology in the management of visceral and bone metastases from thyroid cancer. Gland Surgery, 2018, 7, 80-88.	0.5	19
77	Percutaneous Treatments of Benign Bone Tumors. Seminars in Interventional Radiology, 2018, 35, 324-332.	0.3	23
78	Percutaneous image-guided ablation of bone metastases: local tumor control in oligometastatic patients. International Journal of Hyperthermia, 2018, 35, 493-499.	1.1	52
79	CIRSE Position Statement: Interventional Radiologists and Intra-arterial Stroke Therapy. CardioVascular and Interventional Radiology, 2018, 41, 1460-1462.	0.9	4
80	PET/CT-guided interventions: Indications, advantages, disadvantages and the state of the art. Minimally Invasive Therapy and Allied Technologies, 2018, 27, 27-32.	0.6	31
81	CIRSE Guidelines on Percutaneous Vertebral Augmentation. CardioVascular and Interventional Radiology, 2017, 40, 331-342.	0.9	139
82	Pulmonary Arteriovenous Malformations Embolized Using a Micro Vascular Plug System: Technical Note on a Preliminary Experience. CardioVascular and Interventional Radiology, 2017, 40, 296-301.	0.9	22
83	Anesthesia Practices for Interventional Radiology in Europe. CardioVascular and Interventional Radiology, 2017, 40, 803-813.	0.9	8
84	Percutaneous image-guided screws meditated osteosynthesis of impeding and pathological/insufficiency fractures of the femoral neck in non-surgical cancer patients. European Journal of Radiology, 2017, 90, 1-5.	1.2	32
85	Percutaneous Imaging-Guided Screw Fixation of Osteoporotic Transverse Fractures of the Lower Sacrum with Cement Augmentation: Report of 2 Cases. CardioVascular and Interventional Radiology, 2017, 40, 1105-1111.	0.9	9
86	MRI-Guided Cryoablation of In-Transit Metastases from Cutaneous Melanoma: A Brief Report on a Preliminary Experience. CardioVascular and Interventional Radiology, 2017, 40, 1285-1289.	0.9	9
87	Ultrasound-Guided Biopsies of Bone Lesions Without Cortical Disruption Using Fusion Imaging and Needle Tracking: Proof of Concept. CardioVascular and Interventional Radiology, 2017, 40, 1267-1273.	0.9	12
88	Percutaneous Biopsy of Retrobulbar Masses: Anatomical Considerations and MRI Guidance. CardioVascular and Interventional Radiology, 2017, 40, 591-595.	0.9	3
89	Expanding the borders: Image-guided procedures for the treatment of musculoskeletal tumors. Diagnostic and Interventional Imaging, 2017, 98, 635-644.	1.8	12
90	A Multi-view RGB-D Approach for Human Pose Estimation in Operating Rooms. , 2017, , .		30

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91	Articulated clinician detection using 3D pictorial structures on RGB-D data. Medical Image Analysis, 2017, 35, 215-224.	7.0	19
92	Performance of a New Blunt-Tip Coaxial Needle for Percutaneous Biopsy and Drainage of "Hard-To-Reach―Targets. CardioVascular and Interventional Radiology, 2017, 40, 1431-1439.	0.9	13
93	Image-Guided Spinal Ablation: A Review. CardioVascular and Interventional Radiology, 2016, 39, 1229-1238.	0.9	54
94	Rare complications after lung percutaneous radiofrequency ablation: Incidence, risk factors, prevention and management. European Journal of Radiology, 2016, 85, 1181-1191.	1.2	26
95	Optimising Pulmonary Microwave Ablation Using Trans-Scapular Access and Continuous Temperature Monitoring. CardioVascular and Interventional Radiology, 2016, 39, 791-794.	0.9	2
96	Percutaneous Image-Guided Cryoablation of Challenging Mediastinal Lesions Using Large-Volume Hydrodissection: Technical Considerations and Outcomes. CardioVascular and Interventional Radiology, 2016, 39, 1636-1643.	0.9	12
97	Curved Needles: Beyond Diagnostic Procedures. CardioVascular and Interventional Radiology, 2016, 39, 1521-1524.	0.9	4
98	Percutaneous MR-Guided Cryoablation of Morton's Neuroma: Rationale and Technical Details After the First 20 Patients. CardioVascular and Interventional Radiology, 2016, 39, 1491-1498.	0.9	31
99	Percutaneous image-guided cryoablation: current applications and results in the oncologic field. Medical Oncology, 2016, 33, 140.	1.2	120
100	Cryoablation Does Not Prevent from Diaphragmatic Hernia. CardioVascular and Interventional Radiology, 2016, 39, 315-317.	0.9	2
101	Percutaneous CT and Fluoroscopy-Guided Screw Fixation of Pathological Fractures in the Shoulder Girdle: Technical Report of 3 Cases. CardioVascular and Interventional Radiology, 2016, 39, 1332-1338.	0.9	25
102	18F-FDOPA PET/CT-Guided Radiofrequency Ablation of Liver Metastases from Neuroendocrine Tumours: Technical Note on a Preliminary Experience. CardioVascular and Interventional Radiology, 2016, 39, 1315-1321.	0.9	23
103	Percutaneous Image-Guided Screw Fixation of Bone Lesions in Cancer Patients: Double-Centre Analysis of Outcomes including Local Evolution of the Treated Focus. CardioVascular and Interventional Radiology, 2016, 39, 1455-1463.	0.9	49
104	Percutaneous Management of Accidentally Retained Foreign Bodies During Image-Guided Non-vascular Procedures: Novel Technique Using a Large-Bore Biopsy System. CardioVascular and Interventional Radiology, 2016, 39, 1050-1056.	0.9	5
105	A Pitfall of Cryoadhesional Displacement During Cryoablation of Lung Metastasis to Require Modification of Triple-Freeze Protocol. CardioVascular and Interventional Radiology, 2016, 39, 960-964.	0.9	6
106	Percutaneous Image-guided Laser Photocoagulation of Spinal Osteoid Osteoma: A Single-Institution Series. Radiology, 2016, 278, 936-943.	3.6	46
107	Simultaneous 18F-FDOPA PET/CT-Guided Biopsy and Radiofrequency Ablation of Recurrent Neuroendocrine Hepatic Metastasis. Clinical Nuclear Medicine, 2015, 40, e334-e335.	0.7	8
108	The Metastatic Spine Disease Multidisciplinary Working Group Algorithms. Oncologist, 2015, 20, 1205-1215.	1.9	91

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109	An Ice Block: A Novel Technique of Successful Prevention of Cement Leakage Using an Ice Ball. CardioVascular and Interventional Radiology, 2015, 38, 470-474.	0.9	10
110	Data-driven spatio-temporal RGBD feature encoding for action recognition in operating rooms. International Journal of Computer Assisted Radiology and Surgery, 2015, 10, 737-747.	1.7	35
111	PET/Computed Tomography and Thermoablation (Radiofrequency, Microwave, Cryotherapy, Laser) Tj ETQq1 1 0.3	784314 rg	gBŢ/Overlock
112	Treatment of a spinal aneurysmal bone cyst using combined image-guided cryoablation and cementoplasty. Skeletal Radiology, 2015, 44, 285-289.	1.2	23
113	Postablation Insufficiency Fracture of the Iliac Crest: Management by Percutaneous Screw Fixation. CardioVascular and Interventional Radiology, 2014, 37, 1126-1128.	0.9	12
114	Temporally Consistent 3D Pose Estimation in the Interventional Room Using Discrete MRF Optimization over RGBD Sequences. Lecture Notes in Computer Science, 2014, , 168-177.	1.0	4
115	Interest of Electrostimulation of Peripheral Motor Nerves during Percutaneous Thermal Ablation. CardioVascular and Interventional Radiology, 2013, 36, 1624-1628.	0.9	50
116	How Cool Is Percutaneous Cryoablation?. Journal of Vascular and Interventional Radiology, 2013, 24, 821-822.	0.2	2
117	Percutaneous Renal Cryoablation: Prospective Experience Treating 120 Consecutive Tumors. American Journal of Roentgenology, 2013, 201, 1353-1361.	1.0	66
118	Percutaneous MR-guided cryoablation of prostate cancer: initial experience. European Radiology, 2012, 22, 1829-1835.	2.3	77
119	Percutaneous Thermal Ablation: How to Protect the Surrounding Organs. Techniques in Vascular and Interventional Radiology, 2011, 14, 170-176.	0.4	95
120	Percutaneous Techniques for Cervical Pain of Discal Origin. Seminars in Musculoskeletal Radiology, 2011, 15, 172-180.	0.4	21
121	Have Recent Vertebroplasty Trials Changed the Indications for Vertebroplasty?. CardioVascular and Interventional Radiology, 2010, 33, 677-680.	0.9	46
122	Percutaneous Bone Tumor Management. Seminars in Interventional Radiology, 2010, 27, 124-136.	0.3	107
123	Thermal Ablation of Spinal Osteoid Osteomas Close to Neural Elements: Technical Considerations. American Journal of Roentgenology, 2010, 195, W293-W298.	1.0	87
124	Thermal Protection During Percutaneous Thermal Ablation Procedures: Interest of Carbon Dioxide Dissection and Temperature Monitoring. CardioVascular and Interventional Radiology, 2009, 32, 529-534.	0.9	122
125	Image-Guided Ablation Therapy of Bone Tumors. Seminars in Ultrasound, CT and MRI, 2009, 30, 78-90.	0.7	34
126	Percutaneous Vertebroplasty: Indications, Technique, and Results. Radiographics, 2003, 23, e10-e10.	1.4	240

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127	Percutaneous Bone Tumor Management. Seminars in Interventional Radiology, 2002, 19, 279-286.	0.3	8
128	Percutaneous Vertebroplasty: Indications, Technique, and Results. Seminars in Interventional Radiology, 2002, 19, 265-270.	0.3	11
129	New Trends in Interstitial Laser Photocoagulation of Bones. Seminars in Musculoskeletal Radiology, 1997, 1, 331-337.	0.4	36