

Salvatore Gitto

List of Publications by Year in descending order

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Version: 2024-02-01

56
papers

1,517
citations

279798
23
h-index

361022
35
g-index

56
all docs

56
docs citations

56
times ranked

1439
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects on P-Glycoprotein Expression after Blood-Brain Barrier Disruption Using Focused Ultrasound and Microbubbles. PLoS ONE, 2017, 12, e0166061.	2.5	115
2	Imaging of plantar fascia disorders: findings on plain radiography, ultrasound and magnetic resonance imaging. Insights Into Imaging, 2017, 8, 69-78.	3.4	100
3	Body composition with dual energy X-ray absorptiometry: from basics to new tools. Quantitative Imaging in Medicine and Surgery, 2020, 10, 1687-1698.	2.0	89
4	Rotator cuff calcific tendinopathy: from diagnosis to treatment. Acta Biomedica, 2018, 89, 186-196.	0.3	60
5	Sarcopenia: imaging assessment and clinical application. Abdominal Radiology, 2022, 47, 3205-3216.	2.1	56
6	MRI radiomics-based machine-learning classification of bone chondrosarcoma. European Journal of Radiology, 2020, 128, 109043.	2.6	53
7	CT-derived Chest Muscle Metrics for Outcome Prediction in Patients with COVID-19. Radiology, 2021, 300, E328-E336.	7.3	50
8	Clinical indications for image-guided interventional procedures in the musculoskeletal system: a Delphi-based consensus paper from the European Society of Musculoskeletal Radiology (ESSR)â€™part I, shoulder. European Radiology, 2020, 30, 903-913.	4.5	47
9	A computer-aided diagnosis system for the assessment and characterization of low-to-high suspicion thyroid nodules on ultrasound. Radiologia Medica, 2019, 124, 118-125.	7.7	42
10	Normal Sonographic Anatomy of the Wrist With Emphasis on Assessment of Tendons, Nerves, and Ligaments. Journal of Ultrasound in Medicine, 2016, 35, 1081-1094.	1.7	40
11	Radiomic Machine Learning Classifiers in Spine Bone Tumors: A Multi-Software, Multi-Scanner Study. European Journal of Radiology, 2021, 137, 109586.	2.6	40
12	Advanced Power Doppler Technique Increases Synovial Vascularity Detection in Patients with Rheumatoid Arthritis. Ultrasound in Medicine and Biology, 2017, 43, 1880-1887.	1.5	38
13	CT and MRI radiomics of bone and soft-tissue sarcomas: a systematic review of reproducibility and validation strategies. Insights Into Imaging, 2021, 12, 68.	3.4	38
14	MRI radiomics-based machine learning classification of atypical cartilaginous tumour and grade II chondrosarcoma of long bones. EBioMedicine, 2022, 75, 103757.	6.1	37
15	Generative models: an upcoming innovation in musculoskeletal radiology? A preliminary test in spine imaging. European Radiology Experimental, 2018, 2, 29.	3.4	35
16	CT radiomics-based machine learning classification of atypical cartilaginous tumours and appendicular chondrosarcomas. EBioMedicine, 2021, 68, 103407.	6.1	35
17	Clinical indications for image-guided interventional procedures in the musculoskeletal system: a Delphi-based consensus paper from the European Society of Musculoskeletal Radiology (ESSR)â€™Part II, elbow and wrist. European Radiology, 2020, 30, 2220-2230.	4.5	33
18	Clinical indications for image-guided interventional procedures in the musculoskeletal system: a Delphi-based consensus paper from the European Society of Musculoskeletal Radiology (ESSR)â€™part IV, hip. European Radiology, 2022, 32, 551-560.	4.5	33

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19	Sonography of the Achilles Tendon After Complete Rupture Repair. Journal of Ultrasound in Medicine, 2016, 35, 2529-2536.	1.7	30
20	Sonography of Non-neoplastic Disorders of the Hand and Wrist Tendons. Journal of Ultrasound in Medicine, 2018, 37, 51-68.	1.7	29
21	Ultrasound Features of Trigger Finger: Review of the Literature. Journal of Ultrasound in Medicine, 2019, 38, 3141-3154.	1.7	29
22	Superb microvascular imaging (SMI) in the evaluation of musculoskeletal disorders: a systematic review. Radiologia Medica, 2020, 125, 481-490.	7.7	29
23	Clinical indications for image guided interventional procedures in the musculoskeletal system: a Delphi-based consensus paper from the European Society of Musculoskeletal Radiology (ESSR) part III, nerves of the upper limb. European Radiology, 2020, 30, 1498-1506.	4.5	28
24	Intrasheath Instability of the Peroneal Tendons: Dynamic Ultrasound Imaging. Journal of Ultrasound in Medicine, 2018, 37, 2753-2758.	1.7	27
25	Diffusion-weighted MRI radiomics of spine bone tumors: feature stability and machine learning-based classification performance. Radiologia Medica, 2022, 127, 518-525.	7.7	27
26	Injuries to the Collateral Ligaments of the Metacarpophalangeal and Interphalangeal Joints: Sonographic Appearance. Journal of Ultrasound in Medicine, 2018, 37, 2117-2133.	1.7	25
27	Ultrasound Features of the Normal and Pathologic Periosteum. Journal of Ultrasound in Medicine, 2019, 38, 775-784.	1.7	25
28	Effects of Interobserver Variability on 2D and 3D CT- and MRI-Based Texture Feature Reproducibility of Cartilaginous Bone Tumors. Journal of Digital Imaging, 2021, 34, 820-832.	2.9	25
29	Dynamic high-resolution ultrasound of intrinsic and extrinsic ligaments of the wrist: How to make it simple. European Journal of Radiology, 2017, 87, 20-35.	2.6	23
30	Differential Diagnosis of Spine Tumors: My Favorite Mistake. Seminars in Musculoskeletal Radiology, 2019, 23, 026-035.	0.7	21
31	Machine Learning to Predict In-Hospital Mortality in COVID-19 Patients Using Computed Tomography-Derived Pulmonary and Vascular Features. Journal of Personalized Medicine, 2021, 11, 501.	2.5	21
32	Fat Mass Does Not Increase the Precision Error of Trabecular Bone Score Measurements. Journal of Clinical Densitometry, 2019, 22, 359-366.	1.2	20
33	The Elephant in the Machine: Proposing a New Metric of Data Reliability and its Application to a Medical Case to Assess Classification Reliability. Applied Sciences (Switzerland), 2020, 10, 4014.	2.5	18
34	Ultrasound of iliotibial band syndrome. Journal of Ultrasound, 2020, 23, 379-385.	1.3	16
35	Failed Total Hip Arthroplasty: Diagnostic Performance of Conventional ^{MRI} Features and Locoregional Lymphadenopathy to Identify Infected Implants. Journal of Magnetic Resonance Imaging, 2021, 53, 201-210.	3.4	16
36	Radiomics of Musculoskeletal Sarcomas: A Narrative Review. Journal of Imaging, 2022, 8, 45.	3.0	14

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37	Critical appraisal of papers reporting recommendation on sarcopenia using the AGREE II tool: a EuroAIM initiative. <i>European Journal of Clinical Nutrition</i> , 2020, 74, 1164-1172.	2.9	13
38	How is shoulder ultrasound done in Italy? A survey of clinical practice. <i>Skeletal Radiology</i> , 2016, 45, 1629-1634.	2.0	12
39	Precision of Bone Mineral Density Measurements Around Total Ankle Replacement Using Dual Energy X-ray Absorptiometry. <i>Journal of Clinical Densitometry</i> , 2020, 23, 656-663.	1.2	12
40	Ultrasound-guided percutaneous treatment of volar radiocarpal ganglion cysts: Safety and efficacy. <i>Journal of Clinical Ultrasound</i> , 2019, 47, 339-344.	0.8	10
41	Use of the Thyroid Imaging Reporting and Data System (TIRADS) in clinical practice: an Italian survey. <i>Endocrine</i> , 2020, 68, 329-335.	2.3	10
42	T2 mapping of the trapeziometacarpal joint and triangular fibrocartilage complex: a feasibility and reproducibility study at 1.5 T. <i>Radiologia Medica</i> , 2020, 125, 306-312.	7.7	9
43	Ultrasound-Guided Percutaneous Tenotomy of the Long Head of Biceps Tendon in Patients with Symptomatic Complete Rotator Cuff Tear: In Vivo Non-controlled Prospective Study. <i>Journal of Clinical Medicine</i> , 2020, 9, 2114.	2.4	9
44	Nerve Fascicles and Epineurium Volume Segmentation of Peripheral Nerve Using Magnetic Resonance Micro-neurography. <i>Academic Radiology</i> , 2016, 23, 1000-1007.	2.5	8
45	Ultrasound-guided musculoskeletal interventional procedures around the shoulder. <i>Journal of Ultrasonography: Official Publication of Polish Ultrasound Society / Red Nacz Iwona SudoÅ-SzopiÅska</i> , 2021, 21, e162-e168.	1.2	8
46	Clinical indications for image-guided interventional procedures in the musculoskeletal system: a Delphi-based consensus paper from the European Society of Musculoskeletal Radiology (ESSR) – part V, knee. <i>European Radiology</i> , 2022, 32, 1438-1447.	4.5	8
47	Quantitative Musculoskeletal Ultrasound. <i>Seminars in Musculoskeletal Radiology</i> , 2020, 24, 367-374.	0.7	8
48	Pulley, Flexor, and Extensor Tendon Injuries of the Hand. <i>Seminars in Musculoskeletal Radiology</i> , 2021, 25, 203-215.	0.7	7
49	Sonography of tendon pathology in the hand and wrist. <i>Journal of Ultrasonography: Official Publication of Polish Ultrasound Society / Red Nacz Iwona SudoÅ-SzopiÅska</i> , 2021, 21, 306-317.	1.2	7
50	Magnetic resonance imaging of degenerative changes of the posterior cruciate ligament. <i>Acta Radiologica</i> , 2017, 58, 338-343.	1.1	5
51	Magnetic Resonance Signal Abnormalities within the Pericruciate Fat Pad: A Possible Secondary Sign for Acute Anterior Cruciate Ligament Tears. <i>Canadian Association of Radiologists Journal</i> , 2017, 68, 438-444.	2.0	5
52	Myotendinous strains of the vastus lateralis as a result of sport-related trauma. <i>Journal of Sports Medicine and Physical Fitness</i> , 2018, 58, 947-949.	0.7	5
53	Clinical practice guidelines on ultrasound-guided fine needle aspiration biopsy of thyroid nodules: a critical appraisal using AGREE II. <i>Endocrine</i> , 2019, 65, 371-378.	2.3	5
54	Ultrasound-guided musculoskeletal interventional procedures around the elbow, hand and wrist excluding carpal tunnel procedures. <i>Journal of Ultrasonography: Official Publication of Polish Ultrasound Society / Red Nacz Iwona SudoÅ-SzopiÅska</i> , 2021, 21, e169-e176.	1.2	5

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55	Spontaneous distal rupture of the plantar fascia. Journal of Clinical Ultrasound, 2018, 46, 419-420.	0.8	4
56	Intraosseous hibernoma of the appendicular skeleton. Skeletal Radiology, 2022, 51, 1325-1330.	2.0	3