Valeria Romeo

List of Publications by Year
in descending order

83 papers	**1,610** citations	279778 **23** h-index	345203 **36** g-index
83 all docs	**83** docs citations	**83** times ranked	**1949** citing authors

#	Article	IF	Citations
1	Successful management of a third-trimester pregnancy complicated by pheochromocytoma: case report. Gynecological Endocrinology, 2024, 34, 1016-1018.	1.7	2
2	AI-enhanced simultaneous multiparametric 18F-FDG PET/MRI for accurate breast cancer diagnosis. European Journal of Nuclear Medicine and Molecular Imaging, 2022, 49, 596-608.	6.4	30
3	Qualitative evaluation of MR images for assessing placenta accreta spectrum disorders in patients with placenta previa: A pilot validation study. European Journal of Radiology, 2022, 146, 110078.	2.6	2
4	Standardization of Quantitative DCE-MRI Parameters Measurement: An Urgent Need for Breast Cancer Imaging. Academic Radiology, 2022, 29, S87-S88.	2.5	1
5	Radiomics in Cross-Sectional Adrenal Imaging: A Systematic Review and Quality Assessment Study. Diagnostics, 2022, 12, 578.	2.6	14
6	MRI radiomics: A machine learning approach for the risk stratification of endometrial cancer patients. European Journal of Radiology, 2022, 149, 110226.	2.6	18
7	COVID-19 vaccine-induced lymphadenopathies: incidence, course and imaging features from an ultrasound prospective study. Journal of Ultrasound, 2022, 25, 965-971.	1.3	2
8	Prognostic Value of Hybrid PET/MR Imaging in Patients with Differentiated Thyroid Cancer. Cancers, 2022, 14, 2958.	3.7	4
9	Deep Myometrial Infiltration of Endometrial Cancer on MRI: A Radiomics-Powered Machine Learning Pilot Study. Academic Radiology, 2021, 28, 737-744.	2.5	54
10	State of the art in abdominal MRI structured reporting: a review. Abdominal Radiology, 2021, 46, 1218-1228.	2.1	7
11	MR-enterography in Crohn's disease: what MRE mural parameters are associated to one-year therapeutic management outcome?. British Journal of Radiology, 2021, 94, 20200844.	2.2	7
12	Breast implant associated anaplastic large cell lymphoma (BIA-ALCL): a challenging cytological diagnosis with hybrid PET/MRI staging and follow-up. Breast Cancer, 2021, 28, 527-532.	2.9	5
13	Imaging prediction with ultrasound and MRI of long-term medical outcome in native liver survivor patients with biliary atresia after kasai portoenterostomy: a pilot study. Abdominal Radiology, 2021, 46, 2595-2603.	2.1	5
14	Characterization with hybrid imaging of cystic pheochromocytomas: correlation with pathology. Quantitative Imaging in Medicine and Surgery, 2021, 11, 862-869.	2.0	5
15	Clinically Significant Prostate Cancer Detection With Biparametric MRI: A Systematic Review and Meta-Analysis. American Journal of Roentgenology, 2021, 216, 608-621.	2.2	25
16	Meningioma MRI radiomics and machine learning: systematic review, quality score assessment, and meta-analysis. Neuroradiology, 2021, 63, 1293-1304.	2.2	49
17	MRI to assess deep myometrial invasion in patients with endometrial cancer:A multi-reader study to evaluate the diagnostic role of different sequences. European Journal of Radiology, 2021, 138, 109629.	2.6	3
18	Clinical value of radiomics and machine learning in breast ultrasound: a multicenter study for differential diagnosis of benign and malignant lesions. European Radiology, 2021, 31, 9511-9519.	4.5	43

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19	Handcrafted MRI radiomics and machine learning: Classification of indeterminate solid adrenal lesions. Magnetic Resonance Imaging, 2021, 79, 52-58.	1.8	20
20	Prediction of placenta accreta spectrum in patients with placenta previa using clinical risk factors, ultrasound and magnetic resonance imaging findings. Radiologia Medica, 2021, 126, 1216-1225.	7.7	19
21	Ultrasound and shear-wave elastography patterns of COVID-19 mRNA vaccine-related axillary, supra and subclavicular lymphadenopathy. Clinical and Translational Imaging, 2021, 9, 539-545.	2.1	10
22	Current Imaging Evaluation of Tumor Response to Advanced Medical Treatment in Metastatic Renal-Cell Carcinoma: Clinical Implications. Applied Sciences (Switzerland), 2021, 11, 6930.	2.5	4
23	Assessment and Prediction of Response to Neoadjuvant Chemotherapy in Breast Cancer: A Comparison of Imaging Modalities and Future Perspectives. Cancers, 2021, 13, 3521.	3.7	43
24	Radiomics and machine learning applications in rectal cancer: Current update and future perspectives. World Journal of Gastroenterology, 2021, 27, 5306-5321.	3.3	35
25	Artificial intelligence applied to neuroimaging data in Parkinsonian syndromes: Actuality and expectations. Mathematical Biosciences and Engineering, 2021, 18, 1753-1773.	1.9	8
26	Machine Learning Evaluation of Biliary Atresia Patients to Predict Long-Term Outcome after the Kasai Procedure. Bioengineering, 2021, 8, 152.	3.5	4
27	Characterization of Atypical Pheochromocytomas with Correlative MRI and Planar/Hybrid Radionuclide Imaging: A Preliminary Study. Applied Sciences (Switzerland), 2021, 11, 9666.	2.5	4
28	False iodine-131 MIBG scintigraphy findings in adrenal tumors: correlation with MR imaging. Clinical and Translational Imaging, 2021, 9, 109-115.	2.1	1
29	Resolution Resampling of Ultrasound Images in Placenta Previa Patients: Influence on Radiomics Data Reliability and Usefulness for Machine Learning. IFMBE Proceedings, 2021, , 1011-1018.	0.3	3
30	Qualitative Heterogeneous Signal Drop on Chemical Shift (CS) MR Imaging: Correlative Quantitative Analysis between CS Signal Intensity Index and Contrast Washout Parameters Using T1-Weighted Sequences. Tomography, 2021, 7, 961-971.	1.8	1
31	Prediction of Tumor Grade and Nodal Status in Oropharyngeal and Oral Cavity Squamous-cell Carcinoma Using a Radiomic Approach. Anticancer Research, 2020, 40, 271-280.	1.1	73
32	The new era of advanced placental tissue characterization using MRI texture analysis: Clinical implications. EBioMedicine, 2020, 51, 102588.	6.1	12
33	Prostate MRI radiomics: A systematic review and radiomic quality score assessment. European Journal of Radiology, 2020, 129, 109095.	2.6	82
34	Pancreatic Neuroendocrine Tumors in patients with Multiple Endocrine Neoplasia Type 1: Diagnostic Value of Different MRI Sequences. Neuroendocrinology, 2020, 111, 696-704.	2.5	5
35	Machine learning for the identification of clinically significant prostate cancer on MRI: a meta-analysis. European Radiology, 2020, 30, 6877-6887.	4.5	64
36	The cardiac conundrum: a systematic review and bibliometric analysis of authorship in cardiac magnetic resonance imaging studies. Insights Into Imaging, 2020, 11, 42.	3.4	15

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37	Ultrasound, shear-wave elastography, and magnetic resonance imaging in native liver survivor patients with biliary atresia after Kasai portoenterostomy: correlation with medical outcome after treatment. Acta Radiologica, 2020, 61, 1300-1308.	1.1	11
38	Tumor segmentation analysis at different post-contrast time points: A possible source of variability of quantitative DCE-MRI parameters in locally advanced breast cancer. European Journal of Radiology, 2020, 126, 108907.	2.6	16
39	Outcomes Associated with First-Line anti-PD-1/ PD-L1 agents vs. Sunitinib in Patients with Sarcomatoid Renal Cell Carcinoma: A Systematic Review and Meta-Analysis. Cancers, 2020, 12, 408.	3.7	32
40	Influence of different post-contrast time points on dynamic contrast-enhanced (DCE) MRI T staging in breast cancer. European Journal of Radiology, 2020, 124, 108819.	2.6	4
41	Atypical dermoid cyst of the ovary during pregnancy: A multi-modality diagnostic approach. Radiology Case Reports, 2020, 15, 298-301.	0.6	3
42	A critical appraisal of the quality of 18F-FDG PET/CT guidelines in oncology using the AGREE II tool: A EuroAIM initiative. European Journal of Radiology, 2020, 126, 108930.	2.6	2
43	MRI Radiomics for the Prediction of Fuhrman Grade in Clear Cell Renal Cell Carcinoma: a Machine Learning Exploratory Study. Journal of Digital Imaging, 2020, 33, 879-887.	2.9	36
44	Multi-parametric magnetic resonance imaging characterization of orbital lesions: a triple blind study. Seminars in Ophthalmology, 2020, 35, 95-102.	1.6	10
45	Advanced liver imaging using MR to predict outcomes in chronic liver disease: a shift from morphology to function liver assessment. Quantitative Imaging in Medicine and Surgery, 2020, 10, 805-807.	2.0	3
46	Precocious ischemia preceding bilateral adrenal hemorrhage: A case report. Radiology Case Reports, 2020, 15, 803-807.	0.6	4
47	Current trends of artificial intelligence in cancer imaging. Artificial Intelligence in Medical Imaging, 2020, 1, 87-93.	0.6	5
48	US and MR imaging findings to detect placental adhesion spectrum (PAS) in patients with placenta previa: a comparative systematic study. Abdominal Radiology, 2019, 44, 3398-3407.	2.1	14
49	Machine learning applications in prostate cancer magnetic resonance imaging. European Radiology Experimental, 2019, 3, 35.	3.4	121
50	Prostate MRI technical parameters standardization: A systematic review on adherence to PI-RADSv2 acquisition protocol. European Journal of Radiology, 2019, 120, 108662.	2.6	38
51	A Critical Appraisal of the Quality of Glioma Imaging Guidelines Using the AGREE II Tool: A EuroAIM Initiative. Frontiers in Oncology, 2019, 9, 472.	2.8	8
52	Could Blockchain Technology Empower Patients, Improve Education, and Boost Research in Radiology Departments? An Open Question for Future Applications. Journal of Digital Imaging, 2019, 32, 1112-1115.	2.9	16
53	Clinically significant prostate cancer detection on MRI: A radiomic shape features study. European Journal of Radiology, 2019, 116, 144-149.	2.6	71
54	Machine learning analysis of MRI-derived texture features to predict placenta accreta spectrum in patients with placenta previa. Magnetic Resonance Imaging, 2019, 64, 71-76.	1.8	73

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55	MR imaging of paratesticular bilateral leiomyoma: A case report. Radiology Case Reports, 2019, 14, 591-594.	0.6	7
56	High Prevalence of Spinal Magnetic Resonance Imaging Findings in Asymptomatic Young Adults (18–22) Tj ETQq0 0 0 rgBT /Overlock	2.0	16
57	A case of 20-week abortion in a rare communicating rudimentary horn of a misinterpreted unicornuate uterus, incorrectly diagnosed as bicornuate: A serious hazard!. European Journal of Obstetrics, Gynecology and Reproductive Biology, 2019, 235, 133-135.	1.1	3
58	Germ cell tumors in male patients without gonadal involvement: computed tomography/magnetic resonance imaging findings and diagnostic workflow. Quantitative Imaging in Medicine and Surgery, 2019, 9, 2000-2007.	2.0	2
59	Integrated imaging of adrenal oncocytoma: a case of diagnostic challenge. Quantitative Imaging in Medicine and Surgery, 2019, 9, 1896-1901.	2.0	5
60	A critical appraisal of the quality of head and neck cancer imaging guidelines using the AGREE II tool: A EuroAIM initiative. Cancer Medicine, 2019, 8, 209-215.	2.8	30
61	Pediatric musculoskeletal ultrasound: a pictorial essay. Journal of Ultrasound, 2019, 22, 491-502.	1.3	16
62	Clinical value of high-resolution (5–17 MHz) echo-color Doppler (ECD) for identifying filling materials and assessment of damage or complications in aesthetic medicine/surgery. Radiologia Medica, 2019, 124, 568-574.	7.7	19
63	Detection of Extraprostatic Extension of Cancer on Biparametric MRI Combining Texture Analysis and Machine Learning: Preliminary Results. Academic Radiology, 2019, 26, 1338-1344.	2.5	55
64	Colorectal cancer: Parametric evaluation of morphological, functional and molecular tomographic imaging. World Journal of Gastroenterology, 2019, 25, 5233-5256.	3.3	22
65	A critical appraisal of the quality of glioma imaging guidelines using the AGREE II tool: A EuroAIM initiative.. Journal of Clinical Oncology, 2019, 37, e13553-e13553.	1.6	0
66	Characterization of Adrenal Lesions on Unenhanced MRI Using Texture Analysis: A Machine‐Learning Approach. Journal of Magnetic Resonance Imaging, 2018, 48, 198-204.	3.4	57
67	The role of dynamic post-contrast T1-w MRI sequence to characterize lipid-rich and lipid-poor adrenal adenomas in comparison to non-adenoma lesions: preliminary results. Abdominal Radiology, 2018, 43, 2119-2129.	2.1	18
68	Isoquercetin as an Adjunct Therapy in Patients With Kidney Cancer Receiving First-Line Sunitinib (QUASAR): Results of a Phase I Trial. Frontiers in Pharmacology, 2018, 9, 189.	3.5	26
69	Diagnostic accuracy of magnetic resonance imaging in assessing placental adhesion disorder in patients with placenta previa: Correlation with histological findings. European Journal of Radiology, 2018, 106, 77-84.	2.6	23
70	Clinical impact of coronal-STIR sequence in a routine lumbar spine MR imaging protocol to investigate low back pain. Medicine (United States), 2018, 97, e10789.	1.0	3
71	Simultaneous PET/MRI in assessing the response to chemo/radiotherapy in head and neck carcinoma: initial experience. Medical Oncology, 2018, 35, 112.	2.5	12
72	Superparamagnetic iron oxide nanocolloids in MRI studies of neuroinflammation. Journal of Neuroscience Methods, 2018, 310, 12-23.	2.5	13

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73	Simultaneous PET/MRI assessment of response to cytotoxic and hormone neo-adjuvant chemotherapy in breast cancer: a preliminary report. Medical Oncology, 2017, 34, 18.	2.5	14
74	Multiparametric evaluation by simultaneous PET-MRI examination in patients with histologically proven laryngeal cancer. European Journal of Radiology, 2017, 88, 47-55.	2.6	25
75	Preliminary Results of a Simplified Breast MRI Protocol to Characterize Breast Lesions. Academic Radiology, 2017, 24, 1387-1394.	2.5	30
76	Integrated Imaging Characterization of Adrenal Adenoma: False-Positive Metaiodobenzylguanidine (MIBG) Findings of Adrenal Scintigraphy. Polish Journal of Radiology, 2017, 82, 422-425.	0.9	3
77	Correlative imaging of cystic lymphangiomas: ultrasound, CT and MRI comparison. Acta Radiologica Open, 2015, 4, 204798161456491.	0.6	28
78	Correlative Imaging in a Patient with Cystic Thymoma: CT, MR and PET/CT Comparison. Polski Przeglad Radiologii I Medycyny Nuklearnej, 2015, 80, 22-26.	1.0	9
79	Nuclear imaging to characterize adrenal tumors: Comparison with MRI. World Journal of Radiology, 2014, 6, 493.	1.1	7
80	Perforated duodenal ulcer presenting with a subphrenic abscess revealed by plain abdominal X-ray films and confirmed by multi-detector computed tomography: a case report. Journal of Medical Case Reports, 2013, 7, 257.	0.8	3
81	A case of lower-neck cystic lymphangioma: correlative US, CT and MR imaging findings. Quantitative Imaging in Medicine and Surgery, 2013, 3, 224-7.	2.0	10
82	Ten-year adjuvant treatment with somatostatin analogs in a patient with atypical carcinoid of the lung. Anti-Cancer Drugs, 2010, 21, 465-468.	1.4	4
83	Can high-dose fotemustine reverse MGMT resistance in glioblastoma multiforme?. Journal of Neuro-Oncology, 2010, 100, 311-319.	2.9	4