

Serena Monti

List of Publications by Year in descending order

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Version: 2024-02-01

97
papers

1,242
citations

361413

20
h-index

454955

30
g-index

97
all docs

97
docs citations

97
times ranked

1864
citing authors

#	ARTICLE	IF	CITATIONS
1	The central vein sign helps in differentiating multiple sclerosis from its mimickers: lessons from Fabry disease. <i>European Radiology</i> , 2022, , 1.	4.5	4
2	On the interplay between dosiomics and genomics in radiation-induced lymphopenia of lung cancer patients. <i>Radiotherapy and Oncology</i> , 2022, 167, 219-225.	0.6	16
3	Evaluation of a Whole-Liver Dixon-Based MRI Approach for Quantification of Liver Fat in Patients with Type 2 Diabetes Treated with Two Isocaloric Different Diets. <i>Diagnostics</i> , 2022, 12, 514.	2.6	2
4	Radiation-Induced Esophagitis in Non-Small-Cell Lung Cancer Patients: Voxel-Based Analysis and NTCP Modeling. <i>Cancers</i> , 2022, 14, 1833.	3.7	9
5	MO-0881 Dose patterns associated to radiation induced esophagitis in locally advanced NSCLC patients. <i>Radiotherapy and Oncology</i> , 2022, 170, S769-S770.	0.6	0
6	MO-0875 Thoracic regions contributing to radiation induced lymphocyte depletion in lung cancer patients. <i>Radiotherapy and Oncology</i> , 2022, 170, S761.	0.6	0
7	Unraveling Deep Gray Matter Atrophy and Iron and Myelin Changes in Multiple Sclerosis. <i>American Journal of Neuroradiology</i> , 2021, 42, 1223-1230.	2.4	19
8	Radiation-Induced Dyspnea in Lung Cancer Patients Treated with Stereotactic Body Radiation Therapy. <i>Cancers</i> , 2021, 13, 3734.	3.7	7
9	Radiation Pneumonitis in Thoracic Cancer Patients: Multi-Center Voxel-Based Analysis. <i>Cancers</i> , 2021, 13, 3553.	3.7	15
10	Probing thoracic dose patterns associated to pericardial effusion and mortality in patients treated with photons and protons for locally advanced non-small-cell lung cancer. <i>Radiotherapy and Oncology</i> , 2021, 160, 148-158.	0.6	12
11	OC-0637 Thoracic dose patterns associated with radiation induced lymphopenia in patients treated for NSCLC. <i>Radiotherapy and Oncology</i> , 2021, 161, S502-S503.	0.6	0
12	RESUME : A flexible class of multi-parameter qMRI protocols. <i>Physica Medica</i> , 2021, 88, 23-36.	0.7	7
13	OC-0641 Radiation pneumonitis in thoracic cancer patients: multi-center voxel-based analysis. <i>Radiotherapy and Oncology</i> , 2021, 161, S508-S509.	0.6	0
14	Evaluation of a multiparametric MRI radiomic-based approach for stratification of equivocal PI-RADS 3 and upgraded PI-RADS 4 prostatic lesions. <i>Scientific Reports</i> , 2021, 11, 643.	3.3	26
15	Clinical relevance of atrophy, myelin and iron brain microstructural alterations in multiple sclerosis: A multi-parameter MRI study. <i>Journal of the Neurological Sciences</i> , 2021, 429, 118169.	0.6	0
16	Spatial dose patterns associated to cardiac toxicity and survival in patients treated with photons and protons for lung cancer. <i>Physica Medica</i> , 2021, 92, S61.	0.7	0
17	A novel framework for spatial normalization of dose distributions in voxel-based analyses of brain irradiation outcomes. <i>Physica Medica</i> , 2020, 69, 164-169.	0.7	11
18	Pericardial Effusion and Mortality in Patients Treated with Photons and Protons for Locally Advanced Non-small-cell lung Cancer: The Voxel-based Perspective. <i>International Journal of Radiation Oncology Biology Physics</i> , 2020, 108, S30.	0.8	0

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19	Disentangling Contributions from Heart and Lung Anatomical Substructures to Radiation Induced Toxicities: Characterization of Spatial Properties of Dosimetric Data for Voxel-Based Analyses. <i>International Journal of Radiation Oncology Biology Physics</i> , 2020, 108, e294-e295.	0.8	0
20	Multiparametric MRI for Prostate Cancer Detection: New Insights into the Combined Use of a Radiomic Approach with Advanced Acquisition Protocol. <i>Cancers</i> , 2020, 12, 390.	3.7	23
21	Voxel-based analysis in radiation oncology: A methodological cookbook. <i>Physica Medica</i> , 2020, 69, 192-204.	0.7	46
22	NTCP Models for Severe Radiation Induced Dermatitis After IMRT or Proton Therapy for Thoracic Cancer Patients. <i>Frontiers in Oncology</i> , 2020, 10, 344.	2.8	22
23	Effects of a multifactorial ecosustainable isocaloric diet on liver fat in patients with type 2 diabetes: randomized clinical trial. <i>BMJ Open Diabetes Research and Care</i> , 2020, 8, e001342.	2.8	15
24	OC-0097: Dose patterns associated to pericardial effusion in NSCLC patients treated with radiation therapy. <i>Radiotherapy and Oncology</i> , 2020, 152, S45.	0.6	0
25	PH-0285: NTCP models for severe radiation induced dermatitis after thoracic radiation therapy. <i>Radiotherapy and Oncology</i> , 2020, 152, S145.	0.6	0
26	PD-0430: Radiation induced dyspnea in lung cancer patients treated with stereotactic body radiation therapy. <i>Radiotherapy and Oncology</i> , 2020, 152, S235-S236.	0.6	0
27	Treating Non-Alcoholic Fatty Liver Disease In Patients With Type 2 Diabetes By Targeting Multiple Dietary Components: The Portfolio Diet. <i>Atherosclerosis</i> , 2019, 287, e117.	0.8	0
28	Spatial signature of dose patterns associated with acute radiation-induced lung damage in lung cancer patients treated with stereotactic body radiation therapy. <i>Physics in Medicine and Biology</i> , 2019, 64, 155006.	3.0	19
29	Normal tissue complication probability (NTCP) models for modern radiation therapy. <i>Seminars in Oncology</i> , 2019, 46, 210-218.	2.2	43
30	Bringing radiomics into a multi-omics framework for a comprehensive genotypeâ€”phenotype characterization of oncological diseases. <i>Journal of Translational Medicine</i> , 2019, 17, 337.	4.4	72
31	Non-Gaussian models of diffusion weighted imaging for detection and characterization of prostate cancer: a systematic review and meta-analysis. <i>Scientific Reports</i> , 2019, 9, 16837.	3.3	13
32	OC-0613 Spatial dose patterns of radiation pneumonitis in lung cancer patients treated by photons or protons. <i>Radiotherapy and Oncology</i> , 2019, 133, S324-S325.	0.6	0
33	The Low-Dose Bath Paradox: Do Spatial Irradiation Patterns Play a Role in the Incidence of Radiation Pneumonitis Following PSPT or IMRT?. <i>International Journal of Radiation Oncology Biology Physics</i> , 2019, 105, S6-S7.	0.8	0
34	A Novel Framework for Spatial Normalization of Dose Distributions in Voxel-Based Analyses of Brain Irradiation Outcomes. <i>International Journal of Radiation Oncology Biology Physics</i> , 2019, 105, S104.	0.8	1
35	Pilot study of rapid MR pancreas screening for patients with BRCA mutation. <i>European Radiology</i> , 2019, 29, 3976-3985.	4.5	8
36	PACE: A Probabilistic Atlas for Normal Tissue Complication Estimation in Radiation Oncology. <i>Frontiers in Oncology</i> , 2019, 9, 130.	2.8	24

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37	Spatial Dose Patterns Associated With Radiation Pneumonitis in a Randomized Trial Comparing Intensity-Modulated Photon Therapy With Passive Scattering Proton Therapy for Locally Advanced Non-Small Cell Lung Cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2019, 104, 1124-1132.	0.8	37
38	Treatment-related Focal Nodular Hyperplasia Mimicking Liver Metastases. <i>Journal of Pediatric Hematology/Oncology</i> , 2019, 41, 138-139.	0.6	1
39	Comparison of Navigator Triggering Reduced Field of View and Large Field of View Diffusion-Weighted Imaging of the Pancreas. <i>Journal of Computer Assisted Tomography</i> , 2019, 43, 143-148.	0.9	23
40	MRI features suggestive of gadolinium retention do not correlate with Expanded Disability Status Scale worsening in Multiple Sclerosis. <i>Neuroradiology</i> , 2019, 61, 155-162.	2.2	38
41	A multi-parametric PET/MRI study of breast cancer: Evaluation of DCE-MRI pharmacokinetic models and correlation with diffusion and functional parameters. <i>NMR in Biomedicine</i> , 2019, 32, e4026.	2.8	16
42	Detection of recurrent pancreatic cancer: value of second-opinion interpretations of cross-sectional images by subspecialized radiologists. <i>Abdominal Radiology</i> , 2019, 44, 586-592.	2.1	11
43	The role of magnetic resonance elastography in liver stiffness evaluation. <i>Polish Archives of Internal Medicine</i> , 2019, 129, 301-302.	0.4	0
44	Reply to comments on "State of the art in magnetic resonance imaging of hepatocellular carcinoma": the role of DWI. <i>Radiology and Oncology</i> , 2019, 53, 371-372.	1.7	0
45	Imaging features of malignant abdominal neuroendocrine tumors with rare presentation. <i>Clinical Imaging</i> , 2018, 51, 59-64.	1.5	7
46	Steato-Score: Non-Invasive Quantitative Assessment of Liver Fat by Ultrasound Imaging. <i>Ultrasound in Medicine and Biology</i> , 2018, 44, 1585-1596.	1.5	16
47	Relationship between functional imaging and immunohistochemical markers and prediction of breast cancer subtype: a PET/MRI study. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2018, 45, 1680-1693.	6.4	36
48	Inter-patient image registration algorithms to disentangle regional dose bioeffects. <i>Scientific Reports</i> , 2018, 8, 4915.	3.3	19
49	Right Upper Quadrant Pain in a 47-Year-Old Woman. <i>Gastroenterology</i> , 2018, 154, e11-e12.	1.3	2
50	Redesign of Voxel-Based Analysis for SBRT Lung Cancer Patients and Refinement of Findings on Regional Dose Differences Associated with Radiation-Induced Acute Lung Damage. <i>International Journal of Radiation Oncology Biology Physics</i> , 2018, 102, S95-S96.	0.8	1
51	State of the art in magnetic resonance imaging of hepatocellular carcinoma. <i>Radiology and Oncology</i> , 2018, 52, 353-364.	1.7	18
52	Complete metabolic response to therapy of hepatic epithelioid hemangioendothelioma evaluated with 18F-fluorodeoxyglucose positron emission tomography/contrast-enhanced computed tomography. <i>Medicine (United States)</i> , 2018, 97, e12795.	1.0	7
53	Impact of Inter-Patient Image Registration Algorithms on the Analysis of Local Dose Differences Associated with Radiation-Induced Morbidity. <i>International Journal of Radiation Oncology Biology Physics</i> , 2018, 102, e563.	0.8	2
54	IDEAL-IQ in an oncologic population: meeting the challenge of concomitant liver fat and liver iron. <i>Cancer Imaging</i> , 2018, 18, 51.	2.8	36

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55	A New Paradigm for Radiation-Induced Toxicity Analysis: Space Based Normal Tissue Complication Probability Modeling. <i>International Journal of Radiation Oncology Biology Physics</i> , 2018, 102, S96-S97.	0.8	1
56	Image Quality and Dose Reduction by Dual Source Computed Tomography Coronary Angiography: Protocol Comparison. <i>Dose-Response</i> , 2018, 16, 155932581880583.	1.6	6
57	Machine learning approaches for non-invasive ultrasound. Based quantitative assessment of liver steatosis. <i>Journal of Hepatology</i> , 2018, 68, S575-S576.	3.7	0
58	OC-0512: Space based normal tissue complication probability modeling. <i>Radiotherapy and Oncology</i> , 2018, 127, S267-S268.	0.6	2
59	DCE-MRI Pharmacokinetic-Based Phenotyping of Invasive Ductal Carcinoma: A Radiomic Study for Prediction of Histological Outcomes. <i>Contrast Media and Molecular Imaging</i> , 2018, 2018, 1-11.	0.8	41
60	Repeated Transarterial Chemoembolization with Degradable Starch Microspheres (DSMs-TACE) of Unresectable Hepatocellular Carcinoma: A Prospective Pilot Study. <i>Current Medical Imaging</i> , 2018, 14, 637-645.	0.8	10
61	MRI liver fat quantification in an oncologic population: the added value of complex chemical shift-encoded MRI. <i>Clinical Imaging</i> , 2018, 52, 193-199.	1.5	14
62	MAVEN: An Algorithm for Multi-Parametric Automated Segmentation of Brain Veins From Gradient Echo Acquisitions. <i>IEEE Transactions on Medical Imaging</i> , 2017, 36, 1054-1065.	8.9	12
63	Hepatic Lesions in a Cirrhotic Liver: Primary or Metastases?. <i>Journal of Nuclear Medicine Technology</i> , 2017, 45, 50-52.	0.8	1
64	Unusual Cause of Hematochezia. <i>Gastroenterology</i> , 2017, 153, 17-18.	1.3	0
65	Lower-Extremity Pseudomyogenic Hemangioendothelioma on Bone Scintigraphy and PET/CT. <i>Clinical Nuclear Medicine</i> , 2017, 42, 383-385.	1.3	7
66	Unusual Liver Tumors. <i>Gastroenterology</i> , 2017, 152, 1287-1288.	1.3	1
67	Regional Dose Differences Associated with Radiation-Induced Acute Severe Dysphagia. <i>International Journal of Radiation Oncology Biology Physics</i> , 2017, 99, S50.	0.8	0
68	Voxel-based analysis unveils regional dose differences associated with radiation-induced morbidity in head and neck cancer patients. <i>Scientific Reports</i> , 2017, 7, 7220.	3.3	49
69	Malignant transformation of glucagonoma with SPECT/CT In-111 OctreoScan features. <i>Medicine (United States)</i> , 2017, 96, e9252.	1.0	0
70	Peripartum Patient With Epigastric Pain. <i>Annals of Emergency Medicine</i> , 2017, 70, 301-337.	0.6	1
71	Hepatic angiosarcomatous transformation of a mediastinal germinal cell tumor. <i>Medicine (United States)</i> 10.784314 rgBT ₁ /Overlook	1.0	1
72	Radiogenomic Analysis of Oncological Data: A Technical Survey. <i>International Journal of Molecular Sciences</i> , 2017, 18, 805.	4.1	102

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73	An Evaluation of the Benefits of Simultaneous Acquisition on PET/MR Coregistration in Head/Neck Imaging. <i>Journal of Healthcare Engineering</i> , 2017, 2017, 1-7.	1.9	26
74	Reproducibility of shear wave elastography (SWE) in patients with chronic liver disease. <i>PLoS ONE</i> , 2017, 12, e0185391.	2.5	29
75	RESUME: Turning an SWI acquisition into a fast qMRI protocol. <i>PLoS ONE</i> , 2017, 12, e0189933.	2.5	16
76	Subclinical focal cholangitis mimicking liver metastasis in asymptomatic patients with history of pancreatic ductal adenocarcinoma and biliary tree intervention. <i>Cancer Imaging</i> , 2017, 17, 21.	2.8	4
77	Hepatocellular Carcinoma and Diffusion-Weighted MRI: Detection and Evaluation of Treatment Response. <i>Journal of Cancer</i> , 2016, 7, 1565-1570.	2.5	43
78	FDG-PET in Dementia. , 2016, , 73-87.		0
79	Liver and bone metastases from breast cancer: Eovist® magnetic resonance and diffusion weighted imaging, 18F-FDG positron emission/computed tomography. <i>Digestive and Liver Disease</i> , 2016, 48, 213.	0.9	0
80	Voxel Based Analysis of Dose Maps: Are We Addressing the Right Strategy?. <i>International Journal of Radiation Oncology Biology Physics</i> , 2016, 96, S223-S224.	0.8	0
81	PO-0871: Radiation-induced lung damage: beyond dose-volume histogram analysis. <i>Radiotherapy and Oncology</i> , 2016, 119, S416-S417.	0.6	0
82	IgG4-Related Kidney Disease in a Patient With History of Breast Cancer. <i>Clinical Nuclear Medicine</i> , 2016, 41, e388-e389.	1.3	10
83	Magnetic Resonance Imaging of the Liver (Including Biliary Contrast Agents) Part 2: Protocols for Liver Magnetic Resonance Imaging and Characterization of Common Focal Liver Lesions. <i>Seminars in Roentgenology</i> , 2016, 51, 317-333.	0.6	14
84	A Voxel-Based Approach to Explore Local Dose Differences Associated With Radiation-Induced Lung Damage. <i>International Journal of Radiation Oncology Biology Physics</i> , 2016, 96, 127-133.	0.8	40
85	Magnetic Resonance Imaging of the Liver (Including Biliary Contrast Agents) Part 1: Technical Considerations and Contrast Materials. <i>Seminars in Roentgenology</i> , 2016, 51, 308-316.	0.6	17
86	A multi-modal fusion scheme for the enhancement of PET/MR viewing. <i>EJNMMI Physics</i> , 2015, 2, A32.	2.7	2
87	Vesicocolic Fistula Detected by 99mTc-MAG3 Renogram. <i>Clinical Nuclear Medicine</i> , 2015, 40, 73-75.	1.3	0
88	Subcutaneously Obstructed Ventriculoperitoneal Shuntogram. <i>Clinical Nuclear Medicine</i> , 2015, 40, 265-267.	1.3	3
89	Primary Rosai-Dorfman Disease of the Bone in a Patient With History of Breast Cancer. <i>Clinical Nuclear Medicine</i> , 2015, 40, 247-249.	1.3	12
90	Intermediate hepatocellular carcinoma: the role of transarterial therapy. <i>Hepatic Oncology</i> , 2015, 2, 399-408.	4.2	10

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91	Nuclear medicine and the emergency department patient: an illustrative case-based approach. <i>Radiologia Medica</i> , 2015, 120, 158-170.	7.7	4
92	Dual energy computed tomography quantification of carotid plaques calcification: comparison between monochromatic and polychromatic energies with pathology correlation. <i>European Radiology</i> , 2015, 25, 1238-1246.	4.5	24
93	A multiparametric and multiscale approach to automated segmentation of brain veins. , 2015, 2015, 3041-4.		3
94	Uncommon pancreatic tumors and pseudotumors. <i>Abdominal Imaging</i> , 2015, 40, 167-180.	2.0	23
95	Optimization of Tagged MRI for Quantification of Liver Stiffness Using Computer Simulated Data. <i>PLoS ONE</i> , 2014, 9, e111852.	2.5	5
96	Intraperitoneal Urine Leak After Prostatectomy Confirmed by 99mTc-MAG3 Renogram. <i>Clinical Nuclear Medicine</i> , 2014, 39, 744-746.	1.3	7
97	Internal Jugular Vein Blood Flow in Multiple Sclerosis Patients and Matched Controls. <i>PLoS ONE</i> , 2014, 9, e92730.	2.5	18