Simona Marzi

List of Publications by Year in descending order

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53 papers	1,265 citations	331670 21 h-index	361022 35 g-index
55 all docs	55 docs citations	55 times ranked	2028 citing authors

#	Article	IF	Citations
1	Predictors of Outcome after (Chemo)Radiotherapy for Node-Positive Oropharyngeal Cancer: The Role of Functional MRI. Cancers, 2022, 14, 2477.	3.7	5
2	Response on DCE-MRI predicts outcome of salvage radiotherapy for local recurrence after radical prostatectomy. Tumori, 2021, 107, 55-63.	1.1	8
3	Stereotactic body radiotherapy for T1 glottic cancer: dosimetric data in 27 consecutive patients. Tumori, 2021, 107, 030089162110004.	1.1	1
4	MRI-Based Radiomics to Differentiate between Benign and Malignant Parotid Tumors With External Validation. Frontiers in Oncology, 2021, 11, 656918.	2.8	19
5	On the dependence of quantitative diffusion-weighted imaging on scanner system characteristics and acquisition parameters: A large multicenter and multiparametric phantom study with unsupervised clustering analysis. Physica Medica, 2021, 85, 98-106.	0.7	14
6	Multiparametric MRI Evaluation of Oropharyngeal Squamous Cell Carcinoma. A Mono-Institutional Study. Journal of Clinical Medicine, 2021, 10, 3865.	2.4	6
7	A Multi-Variate framework to assess reliability and discrimination power of Bayesian estimation of Intravoxel Incoherent Motion parameters. Physica Medica, 2021, 89, 11-19.	0.7	5
8	Comparison of rigid and deformable coregistration between mpMRI and CT images in radiotherapy of prostate bed cancer recurrence. Physica Medica, 2021, 92, 32-39.	0.7	7
9	The Role of Patient- and Treatment-Related Factors and Early Functional Imaging in Late Radiation-Induced Xerostomia in Oropharyngeal Cancer Patients. Cancers, 2021, 13, 6296.	3.7	1
10	The role of MRI-derived depth of invasion in staging oral tongue squamous cell carcinoma: inter-reader and radiologicalâ€“pathological agreement. Acta Radiologica, 2020, 61, 344-352.	1.1	21
11	Correlation between histogram-based DCE-MRI parameters and 18F-FDG PET values in oropharyngeal squamous cell carcinoma: Evaluation in primary tumors and metastatic nodes. PLoS ONE, 2020, 15, e0229611.	2.5	7
12	Refinement & validation of rectal wall dose volume objectives for prostate hypofractionation in 20 fractions. Clinical and Translational Radiation Oncology, 2020, 21, 91-97.	1.7	3
13	Diffusion kurtosis imaging in head and neck cancer: A correlation study with dynamic contrast enhanced MRI. Physica Medica, 2020, 73, 22-28.	0.7	9
14	Intravoxel incoherent motion diffusion-weighted imaging for oropharyngeal squamous cell carcinoma: Correlation with human papillomavirus Status. European Journal of Radiology, 2019, 119, 108640.	2.6	12
15	Cervical lymphadenopathy: can the histogram analysis of apparent diffusion coefficient help to differentiate between lymphoma and squamous cell carcinoma in patients with unknown clinical primary tumor?. Radiologia Medica, 2019, 124, 19-26.	7.7	14
16	Radiation-induced parotid changes in oropharyngeal cancer patients: the role of early functional imaging and patientâ˜/treatment-related factors. Radiation Oncology, 2018, 13, 189.	2.7	27
17	Diffusional kurtosis imaging in head and neck cancer: On the use of traceâ€weighted images to estimate indices of nonâ€Gaussian water diffusion. Medical Physics, 2018, 45, 5411-5419.	3.0	12
18	Dependence of apparent diffusion coefficient measurement on diffusion gradient direction and spatial position â€“ A quality assurance intercomparison study of forty-four scanners for quantitative diffusion-weighted imaging. Physica Medica, 2018, 55, 135-141.	0.7	30

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19	Feasibility study of reduced field of view diffusion-weighted magnetic resonance imaging in head and neck tumors. Acta Radiologica, 2017, 58, 292-300.	1.1	21
20	Correlation study between DKI and conventional DWI in brain and head and neck tumors. Magnetic Resonance Imaging, 2017, 42, 114-122.	1.8	25
21	Early Radiation-Induced Changes of Parotid Glands at Intravoxel Incoherent Motion and Dynamic Contrast-Enhanced MRI. International Journal of Radiation Oncology Biology Physics, 2017, 99, S81-S82.	0.8	0
22	Correlation study between intravoxel incoherent motion MRI and dynamic contrast-enhanced MRI in head and neck squamous cell carcinoma: Evaluation in primary tumors and metastatic nodes. Magnetic Resonance Imaging, 2017, 37, 1-8.	1.8	16
23	The prediction of the treatment response of cervical nodes using intravoxel incoherent motion diffusion-weighted imaging. European Journal of Radiology, 2017, 92, 93-102.	2.6	41
24	Magnetic resonance tumor regression grade (MR-TRG) to assess pathological complete response following neoadjuvant radiochemotherapy in locally advanced rectal cancer. Oncotarget, 2017, 8, 114746-114755.	1.8	17
25	Characterization of cervical lymph-nodes using a multi-parametric and multi-modal approach for an early prediction of tumor response to chemo-radiotherapy. Physica Medica, 2016, 32, 1672-1680.	0.7	27
26	Prediction of Treatment Response of Cervical Nodes Using IVIM-DWI. International Journal of Radiation Oncology Biology Physics, 2016, 96, S69-S70.	0.8	1
27	Relationship between diffusion parameters derived from intravoxel incoherent motion MRI and perfusion measured by dynamic contrastâ€enhanced MRI of soft tissue tumors. NMR in Biomedicine, 2016, 29, 6-14.	2.8	30
28	Early radiationâ€induced changes evaluated by intravoxel incoherent motion in the major salivary glands. Journal of Magnetic Resonance Imaging, 2015, 41, 974-982.	3.4	44
29	Early biomarkers from dynamic contrast-enhanced magnetic resonance imaging to predict the response to antiangiogenic therapy in high-grade gliomas. Neuroradiology, 2015, 57, 1269-1280.	2.2	37
30	The Role of PET [18F]FDOPA in Evaluating Low-grade Glioma. Anticancer Research, 2015, 35, 5117-22.	1.1	36
31	Intensityâ€modulated pelvic radiation therapy and simultaneous integrated boost to the prostate area in patients with highâ€risk prostate cancer: a preliminary report of disease control. Cancer Medicine, 2014, 3, 1313-1321.	2.8	10
32	Assessment of diffusion parameters by intravoxel incoherent motion MRI in head and neck squamous cell carcinoma. NMR in Biomedicine, 2013, 26, 1806-1814.	2.8	41
33	Perfusion Computed Tomography (PCT) adopting different perfusion metrics: Recurrence of brain metastasis or radiation necrosis?. European Journal of Radiology, 2012, 81, 1246-1252.	2.6	11
34	Early perfusion changes in patients with recurrent high-grade brain tumor treated with Bevacizumab: preliminary results by a quantitative evaluation. Journal of Experimental and Clinical Cancer Research, 2012, 31, 33.	8.6	24
35	Influence of intensityâ€modulated radiation therapy technique on xerostomia and related quality of life in patients treated with intensityâ€modulated radiation therapy for nasopharyngeal cancer. Head and Neck, 2012, 34, 328-335.	2.0	17
36	Anatomical and Dose Changes of Gross Tumour Volume and Parotid Glands for Head and Neck Cancer Patients during Intensity-modulated Radiotherapy: Effect on the Probability of Xerostomia Incidence. Clinical Oncology, 2012, 24, e54-e62.	1.4	41

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37	A Prospective Phase III Randomized Trial of Hypofractionation Versus Conventional Fractionation in Patients With High-Risk Prostate Cancer. International Journal of Radiation Oncology Biology Physics, 2010, 78, 11-18.	0.8	243
38	TU-E-201C-04: Quantitative Analysis of Elastography Images in the Detection of Breast Cancer. Medical Physics, 2010, 37, 3405-3405.	3.0	0
39	Analysis of Salivary Flow and Doseâ€“Volume Modeling of Complication Incidence in Patients With Head-and-Neck Cancer Receiving Intensity-Modulated Radiotherapy. International Journal of Radiation Oncology Biology Physics, 2009, 73, 1252-1259.	0.8	36
40	Modeling of Î±/Î² for late rectal toxicity from a randomized phase II study: conventional versus hypofractionated scheme for localized prostate cancer. Journal of Experimental and Clinical Cancer Research, 2009, 28, 117.	8.6	77
41	Quantitative analysis of CT-perfusion parameters in the evaluation of brain gliomas and metastases. Journal of Experimental and Clinical Cancer Research, 2009, 28, 38.	8.6	12
42	Phase I-II Study of Intraoperative Radiation Therapy (IORT) After Radical Prostatectomy for Prostate Cancer. International Journal of Radiation Oncology Biology Physics, 2008, 71, 1049-1056.	0.8	16
43	DVHs evaluation in brain metastases stereotactic radiotherapy treatment plans. Radiotherapy and Oncology, 2008, 87, 110-115.	0.6	8
44	Setup verification and in vivo dosimetry during intraoperative radiation therapy (IORT) for prostate cancer. Medical Physics, 2007, 34, 3205-3210.	3.0	28
45	Analysis of toxicity in patients with high risk prostate cancer treated with intensity-modulated pelvic radiation therapy and simultaneous integrated dose escalation to prostate area. Radiotherapy and Oncology, 2007, 84, 148-155.	0.6	58
46	4013 POSTER Hypofractionation versus standard fraction in prostate cancer: analysis of the acute toxicity. European Journal of Cancer, Supplement, 2007, 5, 283.	2.2	0
47	5526 POSTER Xerostomia and related quality of life in patients treated with intensity modulated radiation therapy for nasopharyngeal cancer: initial report of a prospective study. European Journal of Cancer, Supplement, 2007, 5, 332.	2.2	0
48	Subjective and objective evaluation of xerostomia after intensity modulated radiation therapy (IMRT) of nasopharyngeal cancer: Preliminary results. Radiotherapy and Oncology, 2007, 82, S77-S78.	0.6	0
49	Relationships Between Rectal Wall Doseâ€“Volume Constraints and Radiobiologic Indices of Toxicity for Patients With Prostate Cancer. International Journal of Radiation Oncology Biology Physics, 2007, 68, 41-49.	0.8	35
50	A study of the effect of setup errors and organ motion on prostate cancer treatment with IMRT. International Journal of Radiation Oncology Biology Physics, 2006, 65, 587-594.	0.8	47
51	In vivo dosimetry with MOSFETs: Dosimetric characterization and first clinical results in intraoperative radiotherapy. International Journal of Radiation Oncology Biology Physics, 2005, 63, 952-960.	0.8	49
52	395 IMRT optimization: in search of a generalized computational approach. Radiotherapy and Oncology, 2005, 76, S174.	0.6	0
53	High brightness laserâ€“plasma X-ray source at IFAM: Characterization and applications. Laser and Particle Beams, 2000, 18, 109-118.	1.0	15