



## **CURRICULUM VITAE**

### **PERSONAL INFORMATION:**

Giuseppe Petralia  
giuseppe.petralia@ieo.it

Director  
Precision Imaging and Research Unit  
Department of Medical Imaging and Radiation Sciences  
European Institute of Oncology (IEO)  
435, G. Ripamonti - 20141 Milan, Italy

### **EDUCATION:**

- 2005 Residency Qualification in Radiology  
University of Milan, Italy  
Mark: 70 cum laude
- 2001 Degree in Medicine and Surgery  
University of Catania, Italy  
Mark: 110/110
- 1995 High School Diploma in Classical Studies  
Gulli and Pennisi Classical Gymnasium, Acireale (CT), Italy  
Mark: 60/60

### **POST-DOCTORAL TRAINING:**

- 2012 Clinical attachment  
Mount Vernon Cancer Centre,  
London, United Kingdom.
- 2010 Researcher  
Inselspital Bern University Hospital,  
Bern, Switzerland.
- 2005 4<sup>th</sup> year of Residency in Radiology  
European Institute of Oncology (IEO)  
Milan, Italy.
- 2004 Visiting Research Fellow in Abdominal Imaging and Intervention  
Massachusetts General Hospital, Harvard Medical School,  
Boston, MA, United States.

- 2003-2004 3<sup>rd</sup> year of Residency in Radiology  
Niguarda Ca' Granda General Hospital, (today renamed ASST Grande  
Ospedale Metropolitano Niguarda)  
Milan, Italy.
- 2001-2003 1<sup>st</sup> and 2<sup>nd</sup> year of Residency in Radiology  
European Institute of Oncology (IEO),  
Milan, Italy.

#### **ACADEMIC APPOINTMENTS:**

- 2019 National Academic Qualification as Full Professor  
University of Milan  
Milan, Italy.
- 2017 Researcher  
University of Milan  
Milan, Italy.
- 2015 Deputy Director of the Division of Radiology  
European Institute of Oncology (IEO)  
Milan, Italy.
- 2014 National Academic Qualification as Associate Professor  
University of Milan  
Milan, Italy.
- 2009-2013 Contract Professor of Diagnostic Imaging Techniques 4 (SSD: MED/36)  
School of Radiography  
University of Milan  
Milan, Italy.
- 2006-2013 Contract Professor of Diagnostic Imaging Techniques 1 (SSD: MED/36)  
School of Radiography  
University of Milan  
Milan, Italy.

#### **PROFESSIONAL SOCIETIES:**

- 2019 > present Executive Committee Member of the Italian Working Group on Magnetic  
Resonance  
Italian Society of Medical and Interventional Radiology (SIRM).
- 2015-2018 Executive Committee Member  
International Society of Magnetic Resonance (ISMRM) Italian Chapter.

- 2013 > present      Fellow  
International Cancer Imaging Society (ICIS).
- 2010 > present      Member  
Italian Association of Magnetic Resonance in Medicine (AIRMM) -  
International Society of Magnetic Resonance (ISMRM) Italian Chapter.
- 2010                  Founding member  
Italian Association of Magnetic Resonance in Medicine (AIRMM) -  
International Society of Magnetic Resonance (ISMRM) Italian Chapter.
- 2008 > present      Member  
International Cancer Imaging Society (ICIS).
- 2003 > 2006        Member  
European Society of Gastrointestinal and Abdominal Radiology (ESGAR).
- 2002 > present      Member  
Italian Society of Medical and Interventional Radiology (SIRM).

**CLINICAL ACTIVITY:**

European Institute of Oncology (IEO), Milan, Italy:

- 2020 > present      Director  
Precision Imaging and Research Unit
- 2015-2019          Deputy Director  
Division of Radiology.  
Responsible of MRI service.  
Routine clinical activity in MRI, CT, US and conventional X-ray.  
Responsible of on a rotating basis for MRI, CT, US and conventional X-ray.  
US- and CT-guided biopsies.  
Reader of low-dose CT for lung cancer screening program.  
Member of task forces: urological tumours and advanced breast tumours.  
Tutor of eight residents.  
Leader of the MRI research group, including one MR physicist, two radiologists and one fellow.
- 2010-2014          Senior Staff member  
Division of Radiology.
- 2005-2010          Staff member  
Division of Radiology.

## **RESEARCH:**

### Current research areas:

Multiparametric MRI of the prostate.

“In-bore” MR-guided prostate biopsy.

Whole Body Diffusion MRI for cancer staging and therapy monitoring in patients with prostate cancer, breast cancer, melanoma, multiple myeloma, lymphoma, in pregnant women with cancer.

Whole Body Diffusion MRI for cancer screening in asymptomatic subjects. Quantitative and radiomic analysis of Whole Body Diffusion MRI in cancer patients undergoing treatment.

Quantitative and radiomic analysis of Whole Body Diffusion MRI in asymptomatic subjects.

Artificial Intelligence in Whole Body Diffusion MRI for therapy of cancer patients.

Artificial Intelligence in Whole Body Diffusion MRI for cancer screening in asymptomatic subjects.

Acceptability and psychological impact of Whole Body MRI in cancer Patients.

Acceptability and psychological impact of Whole Body MRI in asymptomatic subjects.

### Principal Investigator:

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|----------------|--|
| 2019 > present | IEO - trial code 1323, “Response Evaluation of Cancer Therapeutics in Metastatic Breast cancer to the Bone: A Whole Body MRI Study – Milano: RESPECT - MI”.                                      |
| 2019 > present | IEO - trial code 1825, “A retrospective study for the evaluation of reproducibility of WB-MRI quantitative parameters in patients with metastatic bone lesions from breast and prostate cancer”. |
| 2019 > present | IEO - trial code 1810, “Psychological impact in the use of MRI Whole Body Diffusion in asymptomatic subjects”.   |
| 2019 > present | IEO - trial code 2052, “The determinants of ADC values in the bone marrow of asymptomatic individuals: a retrospective study on the effects of age and sex”.                                     |

2019 > present IEO - trial code 2068, “In-bore MRI-guided biopsy: a retrospective study on biological equivalence and impact of the number of cores on prostate cancer diagnosis”.

Co-Investigator:

2019 > present IEO - trial code 1743, “fREEDOM: REsonance for Early Detection Of breast cancer Metastases”.

2018 > present IEO - trial code 1822, “Radioablation +/- hormone therapy for prostate cancer oligo-recurrences (Radiosa trial): potential of imaging and biology”.

2013-2015 IEO - trial code S768, “Short-term high precision radiotherapy for early prostate cancer with concomitant boost on the dominant lesion”.

**FUNDING SUPPORT OBTAINED:**

2019 Private fund “Enrico Perini”  
Funding support for Artificial Intelligence.

2018 > present AIRC  
Funding support for clinical trial in radioablation hormone therapy for prostate cancer oligo-recurrences.

2017 > present Private fund “Liliana Galbiati”  
Fifteen fellowships and clinical trials in Whole Body Diffusion MRI.

2014 Guarniflon S.p.A  
Funding support for a MRI-guided biopsy device.

2013 IEO-CCM Foundation  
Fellowship for a researcher devoted to multiparametric MRI of the prostate.

2013-2015 AIRC  
Funding support for clinical trial in high precision radiotherapy for early prostate cancer.

2011-2013 Guarniflon S.p.A  
Funds for three fellowships for a researcher devoted to whole-body MRI.

- 2009 Schering AG  
Co-investigator for the use of blood-pool contrast agent in DCE-MRI of Head and Neck tumours.
- 2008 Bracco S.p.A.  
Co-investigator for MR Computer Aided Diagnosis for breast tumours.
- 2006 Bracco S.p.A.  
Co-investigator for Perfusion CT of the liver.

**SCIENTIFIC ACTIVITIES**

Ad hoc reviewer for:

- 2012 > present British Journal of Radiology
- 2010 > present Cancer Imaging Journal
- 2009 > present International Journal of Radiation Oncology, Biology, Physics
- “ > “ Journal of Computer Assisted Tomography
- 2008 > present European Radiology
- 2007 > present Investigative Radiology

Editorial board:

- 2019 > present “ecancermedicalscience”

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- Faculty /invited speaker: More than 150 speeches in National and International scientific meetings.
- Abstracts: More than 200 abstracts in National and International scientific meetings.
- Scientific Publications: 67
- H-Index: 20
- Total citations: 1162
- Books and book chapters: 12

## PUBLICATIONS

2019

**067 - Confirmatory multiparametric magnetic resonance imaging at recruitment confers prolonged stay in active surveillance and decreases the rate of upgrading at follow-up.**

Luzzago S, Catellani M, Di Trapani E, Cozzi G, Mistretta FA, Bianchi R, Pricolo P, Conti A, Ancona E, Piacentini N, Alessi S, Renne G, Ferro M, Matei DV, Musi G, Alicja Jereczek-Fossa B, **Petralia G**, de Cobelli O.

2019, Prostate Cancer Prostatic Dis. 2019 Jun 27. doi: 10.1038/s41391-019-0160-3.

**066 - Low PI-RADS assessment category excludes extraprostatic extension ( $\geq$ pT3a) of prostate cancer: a histology-validated study including 301 operated patients.**

Alessi S, Pricolo P, Summers P, Femia M, Tagliabue E, Renne G, Bianchi R, Musi G, de Cobelli O, Jereczek-Fossa BA, Bellomi M, **Petralia G**.

2019, Eur Radiol. doi: 10.1007/s00330-019-06092-0.

**065 - Multiparametric Magnetic Resonance Imaging Second Opinion May Reduce the Number of Unnecessary Prostate Biopsies: Time to Improve Radiologists' Training Program?**

Luzzago S, **Petralia G**, Musi G, Catellani M, Alessi S, Di Trapani E, Mistretta F. A, Serino A, Conti A, Pricolo P, Nazzani S, Mirone V, Matei DV, Montanari E, de Cobelli O.  
2019, Clinical Genitourinary Cancer. 17, 2, p. 88-96

**064 - Radioablation +/- hormonotherapy for prostate cancer oligorecurrences (Radiosa trial): potential of imaging and biology (AIRC IG-22159).**

Marvaso G, Ciardo D, Corrao G, Gandini S, Fodor C, Zerini D, Rojas DP, Augugliaro M, Bonizzi G, Pece S, Cattani F, Mazzocco K, Mistretta FA, Musi G, Alessi S, **Petralia G**, Pravettoni G, de Cobelli O, Di Fiore PP, Viale G, Orecchia R, Jereczek-Fossa BA.

2019, BMC Cancer. 10; 19(1):903. doi: 10.1186/s12885-019-6117-z.

**063 - Reirradiation for isolated local recurrence of prostate cancer: Mono-institutional series of 64 patients treated with salvage stereotactic body radiotherapy (SBRT).**

Jereczek-Fossa BA, Rojas DP, Zerini D, Fodor C, Viola A, Fanetti G, Volpe S, Luraschi R, Bazani A, Rondi E, Cattani F, Vavassori A, Garibaldi C, Alessi S, Pricolo P, **Petralia G**, Cozzi G, de Cobelli O, Musi G, Orecchia R, Marvaso G, Ciardo D.

2019, Br J Radiol. 92 (1094):20180494. doi: 10.1259/bjr.20180494. Epub 2018 Nov 9.

**062 - Whole-body magnetic resonance imaging (WB-MRI) in oncology: recommendations and key uses.**

**Petralia G**, Padhani AR, Pricolo P, Zugni F, Martinetti M, Summers PE, Grazioli L, Colagrande S, Giovagnoni A, Bellomi M., Italian Working Group on Magnetic Resonance.

2019, Radiol Med. 124(3):218-233. doi: 10.1007/s11547-018-0955-7. Epub 2018 Nov 14. Review.

**061 - A global Unified Dosimetry Index (gUDI) to evaluate simultaneous integrated boost radiotherapy plans in prostate cancer.**

Mambretti M, Romanò C, Marvaso G, Comi S, Cambria R, Ciardo D, Emiro F, Fodor C, Zerini D, Riva G, **Petralia G**, de Cobelli O, Orecchia R, Cattani F, Jerezcek-Fossa BA.  
2018, Radiotherapy and Oncology. 128, 2, p. 315-320 6 p.

**060 - Baseline Multiparametric MRI for Selection of Prostate Cancer Patients Suitable for Active Surveillance: Which Features Matter?**

Sanguedolce F, **Petralia G**, Sokhi H, Tagliabue E, Anyamene N, Hellowell G, Padhani AR.  
2018, Clinical Genitourinary Cancer. 16, 2, p. 155-163.e6

**059 - Investigating cancer patient acceptance of Whole Body MRI.**

Oliveri S, Pricolo P, Pizzoli S, Faccio F, Lampis V, Summers P, **Petralia G**, Pravettoni G.  
2018, Clinical Imaging. 52, p. 246-251 6 p.

**058 - Multiparametric Magnetic Resonance to Confirm Eligibility to an Active Surveillance Program for Low-Risk Prostate Cancer: Intermediate Time Results of a Third Referral High Volume Centre Active Surveillance Protocol.**

Luzzago S, Musi G, Catellani M, Russo A, Di Trapani E, Mistretta FA, Bianchi R, Cozzi G, Conti A, Pricolo P, Ferro M, Matei DV, Mirone V, **Petralia G**, de Cobelli O.  
2018, Urol Int 101, 1, p. 56-64 9 p.

**057 - Short-term high precision radiotherapy for early prostate cancer with concomitant boost to the dominant lesion: Ad interim analysis and preliminary results of Phase II trial AIRC-IG-13218**

Timon G, Ciardo D, Bazani A, Marvaso G, Riva G, Volpe S, Rojas DP, Renne G, **Petralia G**, Zerini D, Fodor C, Dicuonzo S, Maestri D, Pansini F, Cambria R, Cattani F, Golino F, Scroffi V, De Lorenzo D, de Cobelli O, Orecchia R, Jerezcek-Fossa BA.  
2018, British Journal of Radiology. 91, 1089, 20160725.

**056 - The added value of whole-body magnetic resonance imaging in the management of patients with advanced breast cancer.**

Zugni F, Ruju F, Pricolo P, Alessi S, Iorfida M, Colleoni MA, Bellomi M, **Petralia G**.  
2018, PLoSOne. 13, 10, e0205251.

**055 – Whole body MR diffusion imaging in oncology: origins, practice and outlook.**

**Petralia G**, Zugni F, Martinetti M, Pricolo P, Bellomi M.  
2018, Clin Onc Imag (70) p. 2-10.

**054 - Whole-Body Magnetic Resonance Imaging in Oncology: Uses and Indications.**

**Petralia G.**, Padhani A. R.  
2018, Magn Reson Imaging Clin N Am. 26(4):495-507. Review.



**053 - METastasis Reporting and Data System for Prostate Cancer: Practical Guidelines for Acquisition, Interpretation, and Reporting of Whole-body Magnetic Resonance Imaging-based Evaluations of Multiorgan Involvement in Advanced Prostate Cancer.**

Padhani AR, Lecouvet FE, Tunariu N, Koh DM, De Keyzer F, Collins DJ, Sala E, Schlemmer H P, **Petralia G**, Vargas HA, Fanti S, Tombal HB, de Bono J.  
2017, European Urology. 71, 1, p. 81-92 12 p.

**052 - Multimodal image registration for the identification of dominant intraprostatic lesion in high-precision radiotherapy treatments.**

Ciardo D, Jereczek-Fossa BA, **Petralia G**, Timon G, Zerini D, Cambria R, Rondi E, Cattani F, Bazani A, Ricotti R, Garioni M, Maestri D, Marvaso G, Romanelli P, Riboldi M, Baroni G, Orecchia R.  
2017, British Journal of Radiology. 90, 1079, 20170021.

**051 - Rationale for Modernising Imaging in Advanced Prostate Cancer.**

Padhani AR, Lecouvet FE, Tunariu N, Koh DM, De Keyzer F, Collins DJ, Sala E, Fanti S, Vargas HA, **Petralia G**, Schlemmer HP, Tombal B, de Bono J.  
2017, Eur Urol Focus. (2-3):223-239. doi: 10.1016/j.euf.2016.06.018. Epub 2016 Jul 15. Review.

**050 - Signal intensity change on unenhanced T1-weighted images in dentate nucleus and globuspallidus after multiple administrations of gadoxetate disodium: an intraindividual comparative study.**

Conte G, Preda L, Cocorocchio E, Raimondi S, Giannitto C, Minotti M, De Piano F, **Petralia G**, Ferrucci PF, Bellomi M.  
2017, European Radiology. 27, 10, p. 4372-4378 7 p.

**049 - Whole body MRI for systemic staging of breast cancer in pregnant women.**

Peccatori FA, Codacci-Pisanelli G, Del Grande M, Scarfone G, Zugni F, **Petralia G**.  
2017, Breast. 35, p. 177-181 5 p.

**048 - Finding Minimal Extraprostatic Disease: Who Cares?**

Padhani AR, **Petralia G**, Sanguedolce F.  
2016, European Urology. 70, 2, p. 246-7 2 p.

**047 - Magnetic Resonance Imaging before Prostate Biopsy: Time to Talk.**

Padhani AR, **Petralia G**, Sanguedolce F.  
2016, European Urology. 69, 1, p. 1-3 3 p.

**046 - Multiparametric magnetic resonance imaging and frozen-section analysis efficiently predict upgrading, upstaging, and extraprostatic extension in patients undergoing nerve-sparing robotic-assisted radical prostatectomy.**

Bianchi R, Cozzi G, **Petralia G**, Alessi S, Renne G, Bottero D, Brescia A, Cioffi A, Cordima G, Ferro M, Matei DV, Mazzoleni F, Musi G, Mistretta F, Serino A, Tringali V, Coman I, de Cobelli O. 2016, *Medicine*; analytical reviews of general medicine, neurology, psychiatry, dermatology, and pediatrics. 95, 40, e4519.

**045 - Primary focal prostate radiotherapy: Do all patients really need whole-prostate irradiation?**

Jereczek BA, Ciardo D, **Petralia G**, Bellomi M, De Bari B, de Cobelli O, Orecchia R.

2016, *Critical Reviews in Oncology/Hematology*. 105, p. 100-11 12 p.

**044 - Rationale and protocol of AIRC IG-13218, short-term radiotherapy for early prostate cancer with concomitant boost to the dominant lesion.**

Timon G, Ciardo D, Bazani A, Garioni M, Maestri D, De Lorenzo D, Pansini F, Cambria R, Rondi E, Cattani F, Marvaso G, Zerini D, Vischioni B, Ciocca M, Russo S, Molinelli S, Golino F, Scroffi V, Rojas DP, Fodor C, **Petralia G**, Santoro L, de Cobelli O, Orecchia R, Jereczek-Fossa B A.

2016, *Tumori*. 102, 5, p. 536-540 5 p.

**043 - Role of Multi-Parametric Magnetic Resonance Image and PIRADS Score in Patients with Prostate Cancer Eligible for Active Surveillance According PRIAS Criteria**

Almeida GL, **Petralia G**, Ferro M, Ribas CA, Detti S, Jereczek-Fossa BA, Matei DV, Coman I, de Cobelli O, Tagliabue E.

2016, *Urol Int.*; 96(4):459-69.

**042 - Sclerosingangiomatoid nodular transformation of the spleen during pregnancy: Diagnostic challenges and clinical management.**

Corrado G, Tabanelli V, Biffi R, **Petralia G**, Tinelli A, Peccatori FA.

2016, *Journal of Obstetrics and Gynaecology Research*. 42, 8, p. 1021-1025 5 p.

2015

**041 - Correlation between CT perfusion and clinico-pathological features in prostate cancer: A prospective study.**

Łuczyńska E, Heinze-Paluchowska S, Blecharz P, Jereczek-Fossa B, **Petralia G**, Bellomi M, Stelmach A. 2015, *Medical Science Monitor*. 21, p. 153-162 10 p.

**040 - Predicting pathological features at radical prostatectomy in patients with prostate cancer eligible for active surveillance by multiparametric magnetic resonance imaging.**

de Cobelli O, Terracciano D, Tagliabue E, Raimondi S, Bottero D, Cioffi A, Jereczek-Fossa B, **Petralia G**, Cordima G, Almeida GL, Lucarelli G, Buonerba C, Matei DV, Renne G, Di Lorenzo G, Ferro M.

2015, *PLoS One*. 10, 10, e0139696.

**039 - Robot-assisted radical prostatectomy: Multiparametric MR imaging' directed intraoperative frozen-section analysis to reduce the rate of positive surgical margins.**

**Petralia G**, Musi G, Padhani AR, Summers P, Renne G, Alessi S, Raimondi S, Matei DV, Renne S L, Jereczek-Fossa BA, de Cobelli O, Bellomi M.

2015, *Radiology*. 274, 2, p. 434-444 11 p.

**038 - Sarcoidosis with bone involvement mimicking metastatic disease at 18F-FDG PET/CT: Problem solving by diffusion whole-body MRI.**

Conte G, Zugni F, Colleoni M, Renne G, Bellomi M, **Petralia G**.  
2015, *ecancermedicalsecience*. 9, 537.

**2014**

**037 - Comparison of whole-body diffusion-weighted magnetic resonance and FDG-PET/CT in the assessment of Hodgkin's lymphoma for staging and treatment response.**

Montoro J, Laszlo D, Zing NPC, **Petralia G**, Conte G, Colandrea M, Martinelli G, Preda L.  
2014, *ecancermedicalsecience*. 8, 1, 429.

**036 - Perfusion CT is a valuable diagnostic method for prostate cancer: A prospective study of 94 patients.**

Luczynska E, Blecharz P, Dyczek S, Stelmach A, **Petralia G**, Bellomi M, Jereczek-Fossa BA, Jakubowicz J.  
2014, *ecancermedicalsecience*. 8, 476.

**035 - Salvage therapy of small volume prostate cancer nodal failures: A review of the literature.**

De Bari B, Alongi F, Buglione M, Campostrini F, Briganti A, Berardi G, **Petralia G**, Bellomi M, Chiti A, Fodor A, Suardi N, Cozzarini C, Nadia DM, Scorsetti M, Orecchia R, Montorsi F, Bertoni F, Magrini SM, Jereczek-Fossa BA.  
2014, *Critical Reviews in Oncology/Hematology*. 90, 1, p. 24-35 12 p.

**034 - Whole-body magnetic resonance imaging, metastatic breast cancer and pregnancy: A case report.** Montagna E, Peccatori F, **Petralia G**, Tomasi Cont N, Iorfida M, Colleoni M.

2014, *Breast*. 23, 3, p. 295-296 2 p.

**2013**

**033 - Combined ultrasmall superparamagnetic particles of iron oxide-enhanced and diffusion-weighted magnetic resonance imaging facilitates detection of metastases in normal-sized pelvic lymph nodes of patients with bladder and prostate cancer.\***

Birkhäuser FD, Studer UE, Froehlich JM, Triantafyllou M, Bains LJ, **Petralia G**, Vermathen P, Fleischmann A, Thoeny HC.  
2013, *European Urology*. 64, 6, p. 953-960 8 p.

**032 - Contrast-enhanced ultrasound sonography optimises the assessment of lymph nodes in oncology.**

**Petralia G**, Conte G, De Fiori E, Alessi S, Bellomi M.  
2013, *ecancermedicalsecience*. 7, 1, 328.

**031 - Salvage therapy of intraprostatic failure after radical external-beam radiotherapy for prostate cancer: a review.**

Alongi F, De Bari B, Campostrini F, Arcangeli S, Matei DV, Lopci E, **Petralia G**, Bellomi M, Chiti A,

Magrini SM, Scorsetti M, Orecchia R, Jereczek-Fossa BA.  
2013, Critical Reviews in Oncology/Hematology. 88, 3, p. 550-563 14 p.

**030 - Ultrasmall superparamagnetic particles of iron oxide allow for the detection of metastases in normal sized pelvic lymph nodes of patients with bladder and/or prostate cancer. \***

Triantafyllou M, Studer UE, Birkhäuser FD, Fleischmann A, Bains LJ, **Petralia G**, Christe A, Froehlich JM, Thoeny HC.

2013, European Journal of Cancer. 49, 3, p. 616-624 9 p.

**029 - Whole-body diffusion-weighted imaging: Is it all we need for detecting metastases in melanoma patients?**

**Petralia G**, Padhani A, Summers P, Alessi S, Raimondi S, Testori A, Bellomi M.

2013, European Radiology. 23, 12, p. 3466-3476 11 p.

**2012**

**028 - Anterior prostatic tumours are difficult to diagnose without MRI.**

**Petralia G**, Alessi S, Alconchel A, Summers P, Musi G, Mate, V, de Cobelli O, Renne G, Bellomi M.

2012, ecancermedicalsience. 6, 1, 252.

**027 - DCE-MRI and DWI integration for breast lesions assessment and heterogeneity quantification.**

Méndez CA, Pizzorni Ferrarese F, Summers P, **Petralia G**, Menegaz G.

2012, International Journal of Biomedical Imaging.

**026 - Erratum: Small colorectal cystic metastases to the liver: Still a diagnostic dilemma? A report of a case and a review of the literature (Updates in Surgery DOI: 10.1007/s13304-011-0115-2)**

Papis D, Barabino M, **Petralia G**, Cadeo A, Opocher E.

2012, Updates in Surgery. 64, 4, p. 301 1 p.

**025 - Future challenges in head and neck cancer: From the bench to the bedside?**

Calabrese L, Ostuni A, Ansarin M, Giugliano G, Maffini F, Alterio D, Rocca MC, **Petralia G**, Bruschini R, Chiesa F.

2012, Critical Reviews in Oncology/Hematology. 84, Suppl. 1, p. 90-96 7 p

**024 - Multimodal MRI-based tissue classification in breast ductal carcinoma.**

Méndez AC, Pizzorni Ferrarese F, Summers P, **Petralia G**, Bellomi M, Menegaz G.

2012, IEEE. p 142-145.

**023 - Potential and limitations of diffusion-weighted magnetic resonance imaging in kidney, prostate, and bladder cancer including pelvic lymph node staging: A critical analysis of the literature.\***

Giannarini G, **Petralia G**, Thoeny HC.

2012, European Urology. 61, 2, p. 326-340 15 p.

**022 - Quantification of variability in breath-hold perfusion CT of hepatocellular carcinoma: A step toward clinical use.**

**Petralia G**, Summers P, Viotti S, Montefrancesco R, Raimondi S, Bellomi M.

2012, Radiology. 265, 2, p. 448-456 9 p.

**021 - Small colorectal cystic metastases to the liver: Still a diagnostic dilemma? A report of a case and a review of the literature.**

Papis D, Barabino M, **Petralia G**, Cadeo A, Opocher E.

2012, Updates in Surgery. 64, 4, p. 297-300 4 p.

**2011**

**020 - Breast MR with special focus on DW-MRI and DCE-MRI.**

**Petralia G**, Bonello L, Priolo F, Summers P, Bellomi M.

2011, Cancer Imaging. 11, 1, p. 76-90 15 p.

**019 - Concurrent cisplatin, continuous infusion fluorouracil and radiotherapy followed by tailored consolidation treatment in non metastatic anal squamous cell carcinoma.**

Zampino MG, Magni E, Leonardi MC, Santoro L, Petazzi E, Fodor C, **Petralia G**, Trovato C, Nolè F, Orecchia R.

2011, BMC Cancer. 11, 55.

**018 - Intraobserver and interobserver variability in the calculation of apparent diffusion coefficient (ADC) from diffusion-weighted magnetic resonance imaging (DW-MRI) of breast tumours.**

**Petralia G**, Bonello L, Summers P, Preda L, Malasevski A, Raimondi S, Di Filippi R, Locatelli M, Curigliano G, Renne G, Bellomi M.

2011, Radiologia Medica. 116, 3, p. 466-476 11 p.

**017 - Perfusion computed tomography in patients with hepatocellular carcinoma treated with thalidomide: Initial experience.**

**Petralia G**, Fazio N, Bonello L, D'Andrea G, Radice D, Bellomi M.

2011, Journal of Computer Assisted Tomography. 35, 2, p. 195-201 7 p.

**2010**

**016 - CT perfusion in oncology: how to do it.**

**Petralia G**, Bonello L., Viotti S., Preda L., D'Andrea G., Bellomi M.

2010, Cancer Imaging. 10, 1, p. 8-19 12 p.

**015 - CT perfusion in solid-body tumours. Part I: Technical issues.**

**Petralia G**, Preda L, D'Andrea G, Viotti S, Bonello L, De Filippi R, Bellomi M.

2010, Radiologia Medica. 115, 6, p. 843-857 15 p.

**014 - DW-MRI of the urogenital tract: Applications in oncology.**

**Petralia G**, Thoeny HC.

2010, Cancer Imaging.

**013 - Perfusion CT in solid body-tumours part II. Clinical applications and future development.**

Bellomi M, Viotti S, Preda L, D'Andrea G, Bonello L, **Petralia G**.

2010, Radiologia Medica. 115, 6, p. 858-874 17 p.

**012 - US-guided transcutaneous tru-cut biopsy of laryngo-hypopharyngeal lesions.**

Preda L, De Fiori E, Rampinelli C, Ansarin M, **Petralia G**, Maffini F, Alterio D, Bonello L, Chiesa F, Bellomi M.

2010, European Radiology. 20, 6, p. 1450-1455 6 p

**2009**

**011 - Capecitabine Initially Concomitant to Radiotherapy Then Perioperatively Administered in Locally Advanced Rectal Cancer.**

Zampino MG, Magni E, Leonardi MC, Petazzi E, Santoro L, Luca F, Chiappa A, **Petralia G**, Trovato C, Fazio N, Orecchia R, Nolè F, de Braud F.

2009, International Journal of Radiation Oncology Biology Physics. 75, 2, p. 421-427 7 p.

**010 - Intra-and interobserver agreement and impact of arterial input selection in perfusion CT measurements performed in squamous cell carcinoma of the upper aerodigestive tract.**

**Petralia G**, Preda L, Raimondi SD, D'Andrea G, Summers P, Giugliano G, Chiesa F, Bellomi M.

2009, American Journal of Neuroradiology. 30, 6, p. 1107-1115 9 p.

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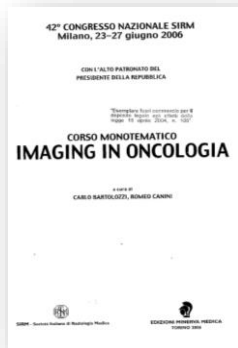
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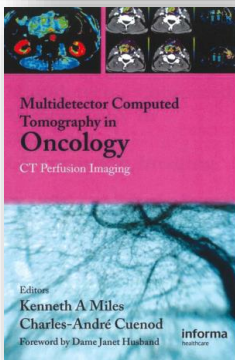
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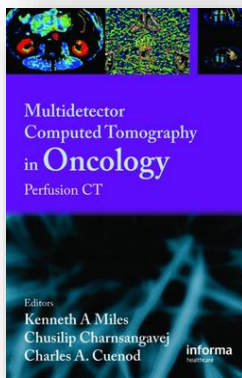
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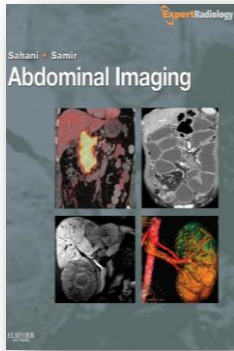
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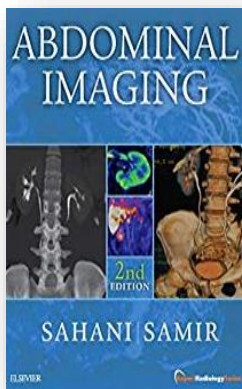




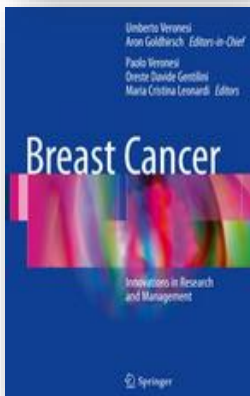
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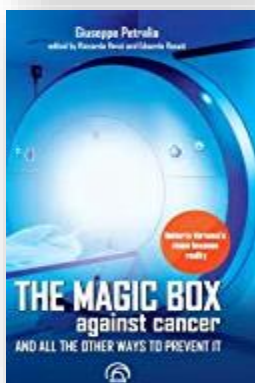
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