

PERSONAL INFORMATION Francesca Benedetta Pizzini



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Sex F | General Medical Council (GMC) reference no: 06820 Verona | Nationality Italian

WORK EXPERIENCE

Dates	From November 25th, 2019- to date
Occupation or position held	Assistant Professor in Neuroradiology and Neuroradiologist at Radiology Institute, Dept. of Diagnostics and Public Health, University of Verona, Verona, Italy
Main activities and responsibilities	<p>- Clinical activities</p> <p>- Project Leader and Investigator of Verona University Hospital (Azienda Ospedaliera Universitaria Integrata, AOUI) and of Verona University, in the following international and multicentre project:</p> <ul style="list-style-type: none"> • “2nd European Carotid Surgery Trial (ECST-2)” (www.ecst2.com), coordinated by the University College London and funded by the National Institute for Health Research (NIHR) and by the Stroke Association, UK. • Effetti a lungo termine dell’infezione da SARS-CoV-2: analisi dello status percettivo chemosensoriale olfattogustativo e sequele neurologiche centrali, in collaboration with the Department of Neuroscience, University of Verona <p>Participation to research projects on these topics:</p> <ul style="list-style-type: none"> • Multiple Sclerosis (MS) and Movement Disorders, in collaboration with the Dpt. Of Neuroscience of Verona University. • New GRE sequence and analysis, in collaboration with Washington University, St. Louis, USA. • Dementias and Multiple sclerosis evaluation, in collaboration with Qynapse Sas, Paris, France • Harmonization and application of MR sequences “Arterial Spin Labeling” within the European network “MAGNIMS” (Magnetic Resonance Imaging in Multiple Sclerosis), in collaboration with the Neuroscience and Informatic Science of Verona University. • ASL in Dementia, in collaboration with the University of Genève
Name and address of employer	University of Verona, Via S. Francesco, 22, 37129 Verona VR
Type of business or sector	Clinical and research activities
Dates	From the second of January 2003- to November 24th, 2019
Occupation or position held	Neuroradiologist at Verona University Hospital (AOUI) - high qualification in paediatric neuroradiology (since 2010)
Main activities and responsibilities	<p>- Clinical activities</p> <p>- Project Leader and Investigator of Verona University Hospital Institution, in the following projects:</p> <ul style="list-style-type: none"> • “Progetto Ministeriale Giovani Ricercatori” (GR-2011-02349787): “A non-invasive, multimodal approach to restore functional networks and cognition in Alzheimer’s disease

	<p>and frontotemporal dementia”, in collaboration with IRCCS Centro S. Giovanni di Dio – Fatebenefratelli, Brescia (closed)</p> <ul style="list-style-type: none"> • International Trial “Dominantly Inherited Alzheimer’s Network Trial Unit” (DIAN-tu) (https://dian.wustl.edu/), funded by Washington University School of Medicine in St. Louis (USA), in collaboration with IRCCS Centro S. Giovanni di Dio – Fatebenefratelli, Brescia. (closed) • “European GENFI” (“the GENetic Frontotemporal Dementia Initiative”) (http://genfi.org.uk/), funded by the Italian Ministry of Health in the context of the International Network of Centres of Excellence in Neurodegeneration (CoEN), in collaboration with IRCCS Centro S. Giovanni di Dio – Fatebenefratelli, Brescia. (closed) • “Neurobiological comparison of children with Autism Spectrum Disorder, Attention Deficit / Hyperactivity Disorder (ADHD), Nonverbal Learning Disorder and controls: a 3T MRI observational study”, in collaboration with U.O.C. di Child Neuropsychiatry of AOUI di Verona. (closed) • “Brain connectivity underlying physiological and pathological patterns in action tremor”, funded by Verona Brain Research Foundation, in collaboration with Neurologia B and with the Department of Informatic Science of Verona University. (closed) <p>- Participation to research projects on these topics:</p> <ul style="list-style-type: none"> • Multiple Sclerosis (MS) and Movement Disorders, in collaboration with the Dpt. Of Neuroscience of Verona University. • Harmonization and application of MR sequences “Arterial Spin Labeling” within the European network “MAGNIMS” (Magnetic Resonance Imaging in Multiple Sclerosis), in collaboration with the Neuroscience and Informatic Science of Verona University. (closed) • Harmonization and application of MR sequences “Arterial Spin Labeling” within the control group of the International study Armonizzazione delle sequenze di “Arterial Spin Labeling “PharmaCog” (https://www.alzheimer-europe.org/Research/PharmaCog), in collaboration with IRCCS Centro S. Giovanni di Dio – Fatebenefratelli, Brescia e under auspices of the “COST Action”. (closed)
Name and address of employer	Verona University Hospital (Azienda Ospedaliera Universitaria Integrata, AOUI, Verona) - Piazzale Stefani 1, 37126, Verona
Type of business or sector	Clinical and research activities
Name and address of employer	Department of Neuroradiology, University College London Hospitals, NHS Foundation Trust, 8-11 Queen Square, London, UK
Type of business or sector	Research activities
Dates	From November 2013- to 2016
Occupation or position held	“Visiting and Honorary Consultant at University College London Hospital”
Main activities and responsibilities	Clinics
Name and address of employer	Department of Neuroradiology, University College London Hospitals, NHS Foundation Trust, 8-11 Queen Square, London, UK
Type of business or sector	Clinical activities
Dates	Form the academic year 2005- to date
Occupation or position held	Professor for different Medical Residency Programmes: <ul style="list-style-type: none"> - Child Neuropsychiatry -from 2005 to 2010 - Orthopaedics -from 2010 to 2011 - Radiology -from 2011 to date
Main activities and responsibilities	Teaching activities, as required by the different Medical Residency Teaching Programmes
Name and address of employer	Verona University, Via dell'Artigliere, 8, 37129, Verona
Type of business or sector	Teaching and Tutor activities

EDUCATION AND TRAINING

Dates	From July 10 th , 2020 to July 10 th 2029
Title of qualification awarded	Italian Teaching Qualification (Abilitazione Scientifica Nazionale)
Principal subjects/Occupational skills covered	Full Professor, Sector 06/I1
Name and type of organisation providing education and training	MIUR (Ministero dell'Istruzione, dell'Università e di Ricerca)
Dates	From April 10 th , 2017 to April 10 th 2023
Title of qualification awarded	Italian Teaching Qualification (Abilitazione Scientifica Nazionale)
Principal subjects/Occupational skills covered	Teaching and Research (Sector 06/I1 – Associate Professor)
Name and type of organisation providing education and training	MIUR (Ministero dell'Istruzione, dell'Università e di Ricerca)
Principal subjects/Occupational skills covered	Updates in different neuroradiological and medical topics
Name and type of organisation providing education and training	European Accreditation Council for Continuing Medical Education and “Commissione Nazionale Formazione Continua in Medicina -Age.na.s”
Dates	18 October 2007
Title of qualification awarded	PhD in Neuroscience
Principal subjects/Occupational skills covered	NeuroImaging clinical studies design, database setting and critical evaluation of the data analysis; diffusion of the results by presentation to Congress by publications
Name and type of organisation providing education and training	Verona University
Dates	30 October 2002
Title of qualification awarded	Specialization in Radiology (“Magna Cum Laude”)
Principal subjects/Occupational skills covered	Imaging aspects of pathologies (with particular interest of Neurological and neurosurgical ones), diagnostic evaluation of clinical questions, differential diagnosis, optimization and justification of Imaging techniques.
Name and type of organisation providing education and training	Verona University
Dates	October 1, 2001-March 31, 2002
Title of qualification awarded	Research Fellowship
Principal subjects/Occupational skills covered	“Research in Advanced MRI Techniques and Research Compliance Training certificate”
Name and type of organisation providing education and training	Johns Hopkins University Baltimore, MD, USA
Dates	October 1998
Title of qualification awarded	Medical Degree (“Magna Cum Laude”)
Principal subjects/Occupational skills covered	Medical studies and clinical practice
Name and type of organisation providing education and training	Verona University

PERSONAL SKILLS

Mother tongue(s)	Italian				
English	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
	C1	C1	B2	B2	C1

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user
Common European Framework of Reference for Languages

Organisational skills and competences	Management of neuroradiological clinical routine and emergency work. Research organisational skills and team-work competences
Tutor and supervisor competences	<ul style="list-style-type: none"> From academic Year 2020-to date: Tutor for Neurology Residents Programme (average of 12 students in one year), Neuroscience Department, Verona University, Italy. From academic Year 2011-to date: Tutor for Radiology Residents Programme (average of 25 students in one year), Diagnostics and Public Health Department, Verona University, Italy. From academic Year 2017- to 2019: Supervisor of one post doc From academic Year 2014- to 2016: Supervisor of one post-doctoral and of 1 research grant student
Computer skills and competences	Excellent knowledge of Windows, XP, Word, Excel, Internet. Good typing. Skills and competences acquired at University and at work.
Artistic skills and competences	Ballet dance and piano studies. Skills and competences acquired in Verona (private lessons)
Driving licence(s)	Italy, B.

ADDITIONAL INFORMATION

<p>Commissions/Boards</p>	<ul style="list-style-type: none"> • 26 July 2019 -to date: Management Committee Member from Italy to European Cooperation in Science and Technology (COST) Action CA18206 • May 2018 -to date: e-learning editorial board of European Society of Radiology (ESR) • March 2018-2020: external member of the committee for the European Diploma in Radiology (EDiR) • March 2017-to 2020: Member of European Board of Neuroradiology (EBNR) Courses Examinations Committee • October 2016 - to date: Secretary General of U.E.M.S. – European Union of Medical Specialists, Division of Neuroradiology • June 2016 -to date: Remote Expert Evaluator in Horizon 2020 and Horizon Europe • 2016 -2020: European Society of Neuroradiology-Diagnostic and Interventional (ESNR) Diagnostic Committee working group in Dementia • 2015 –2019: European Society for Magnetic Resonance in Medicine and Biology (ESMRMB) Education and Workshops Committee • 2015 –to date: Delegate Division of Neuroradiology of the U.E.M.S. - European Union of Medical Specialists • 2012 – 2015: Management Committee Substitute for Italy and Member of the COST Action BM1103, Research Network “ASL in Dementia”
<p>Membership of Scientific Societies</p>	<ul style="list-style-type: none"> • <u>2020–to date</u>: Associated Member of the Italian Society of Radiology (SIRM) • <u>2016–to date</u>: Associated Member of the European Society of Radiology (ESR) - Diagnostic and Interventional, Europe’s leading specialty organization • <u>2003 –to date</u>: Associated Member, of the Italian Association of Neuroradiology (AINR), Italy
<p>Awards</p>	<ul style="list-style-type: none"> • In 2017, for the communication “Triple Magnetic Resonance Angiography (triple-MRA) for confirmation of obliteration following Gamma Knife radiosurgery for brain arteriovenous malformations” Dr. Pizzini was awarded by Italian Association of Neuroradiology (AINR). • In 2016, Dr. Pizzini was awarded “Milosh Perovitch” Prize for a teaching period at Johns Hopkins University of Baltimore, USA. • In 2012, Dr. Pizzini was awarded “COST action grant” for a research project on the quality evaluation of the MRI perfusion sequences “Arterial Spin Labeling-ASL” at UCL, The National Hospital for Neurology and Neurosurgery (NHNN), Queen Square, London”. • In 2011, she won the Brain Research Journal’ Best Cover Image award for one image published in the article “Diffusion tensor tracking of callosal fibers several years after callosotomy”. Pizzini FB et al., Volume 1312, 2010. • In November 2004, for the publication “Proton MR Spectroscopic Imaging in Pelizaeus-Merzbacher Disease”, Dr. Pizzini was awarded “M.Bracchi” Medical Prize by Italian Neuroradiology Association (AINR). • In June 2004, for the presentation “Embryogenesis and postnatal development of human hippocampus: MR volumetric analysis and tracing of fetal germinal matrix and cortical plate”, she was awarded by Italian Interdisciplinary Network on Alzheimer Disease. • In 1999, for her thesis entitled: “Contribution of Xenon-CT in Brain Hypo-perfusion”, Dr. Pizzini was awarded “Prof. G.Lenarduzzi” Medical Prize by the Institute of Sciences, Literature and Arts of Veneto Region.
<p>h-index (March 2022):</p>	<p>Scopus, 25</p>

Peer-reviewed articles

- "Brain network modulation in Alzheimer's and frontotemporal dementia with transcranial electrical stimulation". Pini L, **Pizzini FB**, Boscolo-Galazzo I, Ferrari C, Galluzzi S, Cotelli M, Gobbi E, Cattaneo A, Cotelli MS, Geroldi C, Zanetti O, Corbetta M, van den Heuvel M, Frisoni GB, Manenti R, Pievani M. *Neurobiol Aging*. 2022 Mar;111:24-34. doi: 10.1016/j.neurobiolaging.2021.11.005.
- "A systematic review on the use of quantitative imaging to detect cancer therapy adverse effects in normal-appearing brain tissue". Petr J, Hogeboom L, Nikulin P, Wieggers E, Schroyen G, Kallehauge J, Chmelík M, Clement P, Nechifor RE, Fodor LA, De Witt Hamer PC, Barkhof F, Pernet C, Lequin M, Deprez S, Jančálek R, Mutsaerts HJMM, **Pizzini FB**, Emblem KE, Keil VC. *MAGMA*. 2022 Feb;35(1):163-186. doi: 10.1007/s10334-021-00985-2.
- "CSF Levels of CXCL12 and Osteopontin as Early Markers of Primary Progressive Multiple Sclerosis". Marastoni D, Magliozzi R, Bolzan A, Pisani AI, Rossi S, Crescenzo F, Montemezzi S, **Pizzini FB**, Calabrese M. *Neurol Neuroimmunol Neuroinflamm*. 2021 Sep 29;8(6):e1083. doi: 10.1212/NXI.0000000000001083. Print 2021 Nov.
- "Volume changes of thalamus, hippocampus and cerebellum are associated with specific CSF profile in MS". Bajrami A, Magliozzi R, Pisani AI, **Pizzini FB**, Crescenzo F, Marastoni D, Calabrese M. *Mult Scler*. 2021 Aug 11:13524585211031786. doi: 10.1177/13524585211031786.
- "Convergent and Discriminant Validity of Default Mode Network and Limbic Network Perfusion in Amnesic Mild Cognitive Impairment Patients". Quattrini G, Marizzoni M, **Pizzini FB**, Galazzo IB, Aiello M, Didic M, Soricelli A, Albani D, Romano M, Blin O, Forloni G, Golay X, Jovicich J, Nathan PJ, Richardson JC, Salvatore M, Frisoni GB, Pievani M; PharmaCog Consortium. *J Alzheimers Dis*. 2021 Jul 1. doi: 10.3233/JAD-210531.
- "Unraveling the MRI-Based Microstructural Signatures Behind Primary Progressive and Relapsing-Remitting Multiple Sclerosis Phenotypes". Boscolo Galazzo I, Brusini L, Akinci M, Cruciani F, Pitteri M, Ziccardi S, Bajrami A, Castellaro M, Salih AMA, **Pizzini FB**, Jovicich J, Calabrese M, Menegaz G. *J Magn Reson Imaging*. 2021 Jun 30. doi: 10.1002/jmri.27806.
- "The Prognostic Value of White-Matter Selective Double Inversion Recovery MRI Sequence in Multiple Sclerosis: An Exploratory Study". Crescenzo F, Marastoni D, Pisani AI, Tamanti A, Dapor C, Colombi A, Brillo A, Magliozzi R, **Pizzini FB**, Castellaro M, Calabrese M. *Diagnostics (Basel)*. 2021 Apr 12;11(4):686. doi: 10.3390/diagnostics11040686.
- "Planning of gamma knife radiosurgery (GKR) for brain arteriovenous malformations using triple magnetic resonance angiography (triple-MRA)". Rojas-Villabona A, Sokolska M, Solbach T, Grieve J, Rega M, Torrealdea F, **Pizzini FB**, De Vita E, Suzuki Y, Van Osch MJP, Biondetti E, Shmueli K, Atkinson D, Murphy M, Paddick I, Golay X, Kitchen N, Jäger HR. *Br J Neurosurg*. 2021 Feb 28;1-11. doi: 10.1080/02688697.2021.1884649.
- "Degenerative spine disease: Italian position paper on acquisition, interpretation and reporting of Magnetic Resonance Imaging". **Pizzini FB**, Poletti M, Beltramello A, Muto M, Splendiani A, Mehrabi S, Costanzo G, Vitiello V, Barile A, Colagrande S, Mansueto G, Bastianello S. *Insights Imaging*. 2021 Feb 11;12(1):14. doi: 10.1186/s13244-020-00952-w.
- "Are Dynamic Arterial Spin-Labeling MRA and Time-Resolved Contrast-Enhanced MRA Suited for Confirmation of Obliteration following Gamma Knife Radiosurgery of Brain Arteriovenous Malformations?" Rojas-Villabona A, **Pizzini FB**, Solbach T, Sokolska M, Ricciardi G, Lemonis C, DeVita E, Suzuki Y, van Osch MJP, Foroni RI, Longhi M, Montemezzi S, Atkinson D, Kitchen N, Nicolato A, Golay X, Jäger HR. *AJNR Am J Neuroradiol*. 2021 Feb 4. doi: 10.3174/ajnr.A6990.
- "The Open Brain Consent: Informing research participants and obtaining consent to share brain imaging data." Bannier E, Barker G, Borghesani V, Broeckx N, Clement P, Emblem KE, Ghosh S, Glerean E, Gorgolewski KJ, Havu M, Halchenko YO, Herholz P, Hespel A, Heunis S, Hu Y, Hu CP, Huijser D, de la Iglesia Vayá M, Jancalek R, Katsaros VK, Kieseler ML, Maumet C, Moreau CA, Mutsaerts HJ, Oostenveld R, Ozturk-Isik E, Pascual Leone Espinosa N, Pellman J, Pernet CR, **Pizzini FB**, Trbalić AŠ, Toussaint PJ, Visconti di Oleggio Castello M, Wang F, Wang C, Zhu H. *Hum Brain Mapp*. 2021 Feb 1. doi: 10.1002/hbm.25351.
- "The Use of the Central Vein Sign in the Diagnosis of Multiple Sclerosis: A Systematic Review and Meta-analysis". Castellaro M, Tamanti A, Pisani AI, **Pizzini FB**, Crescenzo F, Calabrese M. *Diagnostics (Basel)*. 2020 Nov 29;10(12):E1025. doi: 10.3390/diagnostics10121025.
- "Accuracy and reproducibility of automated white matter hyperintensities segmentation with lesion segmentation tool: A European multi-site 3T study." Ribaldi F, Altomare D, Jovicich J, Ferrari C, Picco A, **Pizzini FB**, Soricelli A, Mega A, Ferretti A, Drevelegas A, Bosch B, Müller BW, Marra C, Cavaliere C, Bartrés-Faz D, Nobili F, Alessandrini F, Barkhof F, Gros-Dagnac H, Ranjeva JP, Wiltfang J, Kuijser J, Sein J, Hoffmann KT, Roccatagliata L, Parnetti L, Tsolaki M, Constantinidis M, Aiello M, Salvatore M, Montalti M, Caulo M, Didic M, Bargallo N, Blin O, Rossini PM, Schonknecht P, Floridi P, Payoux P, Visser PJ, Bordet R, Lopes R, Tarducci R, Bombois S, Hensch T, Fiedler U, Richardson JC, Frisoni GB, Marizzoni M. *Magn Reson Imaging*. 2020 Nov 19;76:108-115. doi: 10.1016/j.mri.2020.11.008.

	<p>- "Voxel-based morphometry and task functional magnetic resonance imaging in essential tremor: evidence for a disrupted brain network." Boscolo Galazzo I, Magrinelli F, Pizzini FB, Storti SF, Agosta F, Filippi M, Marotta A, Mansueto G, Menegaz G, Tinazzi M. <i>Sci Rep</i>. 2020 Sep 15;10(1):15061. doi: 10.1038/s41598-020-69514-w.</p> <p>- "Machine learning assisted DSC-MRI radiomics as a tool for glioma classification by grade and mutation status." Sudre CH, Panovska-Griffiths J, Sanverdi E, Brandner S, Katsaros VK, Stranjalis G, Pizzini FB, Ghimenton C, Surlan-Popovic K, Avsenik J, Spampinato MV, Nigro M, Chatterjee AR, Attye A, Grand S, Krainik A, Anzalone N, Conte GM, Romeo V, Ugga L, Elefante A, Ciceri EF, Guadagno E, Kapsalaki E, Roettger D, Gonzalez J, Boutelier T, Cardoso MJ, Bisdas S. <i>BMC Med Inform Decis Mak</i>. 2020 Jul 6;20(1):149. doi: 10.1186/s12911-020-01163-5.</p> <p>- "Neuroradiology training in EU: international survey of 31 countries within UEMS frame." Pizzini FB, Sasiadek M, Tanzi F, Ricci P. <i>Insights Imaging</i>. 2020 May 22;11(1):72. doi: 10.1186/s13244-020-00881-8.</p> <p>- "The CSF Profile Linked to Cortical Damage Predicts Multiple Sclerosis Activity." Magliozzi R, Scalfari A, Pisani AI, Ziccardi S, Marastoni D, Pizzini FB, Bajrami A, Tamanti A, Guandalini M, Bonomi S, Rossi S, Mazziotti V, Castellaro M, Montemezzi S, Rasia S, Capra R, Pitteri M, Romualdi C, Reynolds R, Calabrese M. <i>Ann Neurol</i>. 2020 May 17. doi: 10.1002/ana.25786.</p> <p>- "Amygdalar nuclei and hippocampal subfields on MRI: Test-retest reliability of automated volumetry across different MRI sites and vendors." Quattrini G, Pievani M, Jovicich J, Aiello M, Bargalló N, Barkhof F, Bartres-Faz D, Beltramello A, Pizzini FB, Blin O, Bordet R, Caulo M, Constantinides M, Didic M, Drevelegas A, Ferretti A, Fiedler U, Floridi P, Gros-Dagnac H, Hensch T, Hoffmann KT, Kuijter JP, Lopes R, Marra C, Müller BW, Nobili F, Parnetti L, Payoux P, Picco A, Ranjeva JP, Roccatagliata L, Rossini PM, Salvatore M, Schonknecht P, Schott BH, Sein J, Soricelli A, Tarducci R, Tsolaki M, Visser PJ, Wiltfang J, Richardson JC, Frisoni GB, Marizzoni M; PharmaCog Consortium. <i>Neuroimage</i>. 2020 Sep;218:116932. doi: 10.1016/j.neuroimage.2020.116932. Epub 2020 May 13.</p> <p>- "ESMRMB Round Table report on "Can Europe Lead in Machine Learning of MRI-Data?". Pizzini FB, Pesapane F, Niessen W, Geerts-Ossevoort L, Broeckx N. <i>MAGMA</i>. 2020 Apr;33(2):217-219. doi: 10.1007/s10334-019-00821-8.</p> <p>- "Usefulness of High Resolution T2-Weighted Images in the Evaluation and Surveillance of Vestibular Schwannomas? Is Gadolinium Needed?". Pizzini F.B., Sarno A, Boscolo Galazzo I., Fiorino F., Aragno A. M. R., Ciceri E., Ghimenton C., Mansueto G., <i>Otol Neurotol</i>. 2020 Jan;41(1):e103-e110. doi: 10.1097/MAO.0000000000002436.</p> <p>- "Standards for European training requirements in interventional neuroradiology guidelines by the Division of Neuroradiology/Section of Radiology European Union of Medical Specialists (UEMS)", in cooperation with the Division of Interventional Radiology/UEMS, the European Society of Neuroradiology (ESNR), and the European Society of Minimally Invasive Neurological Therapy (ESMINT). Sasiadek M, Kocer N, Szikora I, Vilela P, Muto M, Jansen O, Causin F, Cognard C, White P, Brouwer P, Pizzini F, Schroth G, Ricci P. <i>J Neurointerv Surg</i>. 2020 Mar;12(3):326-331. doi: 10.1136/neurintsurg-2019-015537.</p> <p>- "Italian consensus recommendations for a biomarker-based aetiological diagnosis in mild cognitive impairment patients." Boccardi M, Nicolosi V, Festari C, Bianchetti A, Cappa S, Chiasserini D, Falini A, Guerra UP, Nobili F, Padovani A, Sancesario G, Morbelli S, Parnetti L, Tiraboschi P, Muscio C, Perani D, Pizzini FB, Beltramello A, Salvini Porro G, Ciaccio M, Schillaci O, Trabucchi M, Tagliavini F, Frisoni GB. <i>Eur J Neurol</i>. 2020 Mar;27(3):475-483. doi: 10.1111/ene.14117.</p> <p>- "Standards for European training requirements in interventional neuroradiology: Guidelines by the Division of Neuroradiology/Section of Radiology European Union of Medical Specialists (UEMS)", in cooperation with the Division of Interventional Radiology/UEMS, the European Society of Neuroradiology (ESNR), and the European Society of Minimally Invasive Neurological Therapy (ESMINT). Sasiadek M, Kocer N, Szikora I, Vilela P, Muto M, Jansen O, Causin F, Cognard C, White P, Brouwer PA, Pizzini FB, Schroth G, Ricci P. <i>Neuroradiology</i>. 2020 Jan;62(1):7-14. doi: 10.1007/s00234-019-02300-2.</p> <p>- "Investigating the oxygenation of brain arteriovenous malformations using quantitative susceptibility mapping". Biondetti E, Rojas-Villabona A, Sokolska M, Pizzini FB, Jäger HR, Thomas DL, Shmueli K. <i>Neuroimage</i>. 2019 May 7; 199:440-453. doi: 10.1016/j.neuroimage.2019.05.014.</p> <p>- "Biomarker Matrix to Track Short Term Disease Progression in Amnesic Mild Cognitive Impairment Patients with Prodromal Alzheimer's Disease". Marizzoni M, Ferrari C, Macis A, Jovicich J, Albani D, Babiloni C, Cavaliere L, Didic M, Forloni G, Galluzzi S, Hoffmann KT, Molinuevo JL, Nobili F, Parnetti L, Payoux P, Pizzini F, Rossini PM, Salvatore M, Schönknecht P, Soricelli A, Del Percio C, Hensch T, Hegerl U, Tsolaki M, Visser PJ, Wiltfang J, Richardson JC, Bordet R, Blin O, Frisoni GB; PharmaCog Consortium. <i>J Alzheimers Dis</i>. 2019 Apr 1. doi: 10.3233/JAD-181016</p>
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- "Arterial Spin Labeling Reveals Disrupted Brain Networks and Functional Connectivity in Drug-Resistant Temporal Epilepsy". Boscolo Galazzo I, Storti SF, Barnes A, De Blasi B, De Vita E, Koepp M, Duncan JS, Groves A, Pizzini FB, Menegaz G, Fraioli F. *Front Neuroinform.* 2019 Mar 6;12:101. doi: 10.3389/fninf.2018.00101
- "Dementia imaging in clinical practice: a European-wide survey of 193 centres and conclusions by the ESNR working group". Vernooij MW, Pizzini FB, Schmidt R, Smits M, Yousry TA, Bargallo N, Frisoni GB, Haller S, Barkhof F. *Neuroradiology.* 2019 Mar 9. doi: 10.1007/s00234-019-02188-y
- "Non-A β -Dependent Factors Associated with Global Cognitive and Physical Function in Alzheimer's Disease: A Pilot Multivariate Analysis." Pedrinolla A, Venturelli M, Tamburin S, Fonte C, Stabile AM, Galazzo IB, Ghinassi B, Venneri MA, Pizzini FB, Muti E, Smania N, Baldassarre AD, Naro F, Rende M, Schena F. *J Clin Med.* 2019 Feb 9;8(2). pii: E224. doi: 10.3390/jcm8020224
- "Non-Invasive Brain Stimulation in Dementia: A Complex Network Story." Pini L, Manenti R, Cotelli M, Pizzini FB, Frisoni GB, Pievani M. *Neurodegener Dis.* 2019 Jan 29;18(5-6):281-301. doi: 10.1159/000495945
- "A visual quality control scale for clinical arterial spin labeling images." Fallatah SM, Pizzini FB, Gomez-Anson B, Magerkurth J, De Vita E, Bisdas S, Jäger HR, Mutsaerts HJMM, Golay X. *Eur Radiol Exp.* 2018 Dec 19;2(1):45. doi: 10.1186/s41747-018-0073-2
- "The effect of fingolimod on focal and diffuse grey matter damage in active MS patients". Bajrami A, Pitteri M, Castellaro M, Pizzini F, Romualdi C, Montemezzi S, Monaco S, Calabrese M. *J Neurol.* 2018 Jun 25. doi: 10.1007/s00415-018-8952-2
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<p>Book Chapters</p>	<p>- "Proton MR spectroscopic imaging in Pelizaeus-Merzbacher disease". Pizzini F, Fatemi AS, Barker PB, Nagae-Poetscher LM, Horska A, Zimmerman AW, Moser HW, Bibat G, Naidu S. AJNR Am J Neuroradiol. 2003 Sep;24(8):1683-9.</p> <p>- "Sickle cell disease: continuous arterial spin-labeling perfusion MR imaging in children". Oguz KK, Golay X, Pizzini FB, Freer CA, Winrow N, Ichord R, Casella JF, van Zijl PC, Melhem ER. Radiology. 2003 May;227(2):567-74. doi: 10.1148/radiol.2272020903.</p> <p>- "Flusso e angio-RM". G.K. Ricciardi, F.B. Pizzini, M. Cellerini. Trattato di risonanza magnetica. Cranio e rachide di Giancarlo Dal Pozzo. Edra Edizioni. Ottobre 2018</p> <p>- "Malformazioni vascolari e aneurismi". G.K. Ricciardi, R. Augelli, F. B. Pizzini, A. Beltramello. Trattato di risonanza magnetica. Cranio e rachide di Giancarlo Dal Pozzo. Edra Edizioni. Ottobre 2018</p> <p>- "Nuovo Dizionario di Psicologia - Psichiatria, Psicoanalisi, Neuroscienze". Autore, Umberto Galimberti. Collaborazione scientifica per revisione di voci a sfondo biologico. Feltrinelli Editore. Marzo 2018</p> <p>- "Malformazioni". Ricciardi G. K., Pizzini F.B., Zampieri P. G., Piovan E., Beltramello A. In: (a cura di): Cosma Andreola Sossio Cirillo Cesare Colosimo Massimo Gallucci e Tommaso Scarabino, Manuale di Neuroradiologia. p. 375-398, MILANO: Poletto Editore. 2016</p> <p>- "Perfusion Imaging in Clinical Practice: A Multimodality Approach to Tissue Perfusion Analysis", edited by Farhood Saremi. Pizzini F, Smits M, Wesolowski R, Chapell M, Jager R, Mutsaerts Henk-Jan, Hernandez-Tamames J. Publisher: Lippincott Williams & Wilkins. Jul 2015</p> <p>- "Cranio-encefalo: sequele dopo chirurgia e radio-terapia". Piovan E., Beltramello A., Pizzini F. In: Compendio di Tomografia Computerizzata e TC multistrato –cranio e rachide dentascan. Torino: UTET S.p.a. Divisione Scienze Mediche. 2006</p> <p>- "Studio RM della Diffusione e del Tensore di Diffusione: principi ed applicazioni". A. Beltramello, Pizzini F. In: Scienza, Innovazione e Sviluppo. Roma: Critical Medicine Publishing. 2005</p>
<p>Invited conferences/seminars (last 5 years)</p>	<p>Number of abstracts presented to international and national congress (last 10 years) 65 total.</p> <p>Organizer and speaker in the neuroradiological Veneto course "Focus on Parkinsonism and Dementia", Verona, December 17, 2021.</p> <p>Invited lectures (last 5 years)</p> <ul style="list-style-type: none"> - "Concussion in Soccer", Unita' Ricerca e Master In Neuroscienze dello Sport Centro Universitario Internazionale, Verona, January 2022, Webinar - European Course on Advanced Imaging Techniques 1st Cycle Module 1 on Perfusion (ESNR), October 2021 (declined), Webinar - SIRM Webinar "Linee guida per lo studio della colonna vertebrale alla RM ed indicazioni", 7 September 2021 - "Neuroradiology grand rounds" at Thomas Jefferson University, Philadelphia, 20 May 2021 - CORSO FOCUS-ON-SIMR, Verona, February 2021 - AINR Advanced MRI course, Naples, April 2020 (suspended), Erasmus MRI Course, Wroclaw, September 2020 (suspended), SIRM annual meeting, Rimini October 2020 (suspended), ESNR 43rd Annual Meeting, Lisbon, October 2020 (suspended) - ESMRMB 2019, 36th Annual Scientific Meeting, Rotterdam/NL, 3-5 October 2019 - ESNR Advanced Course in Neurodegenerative Diseases - Paris, 5 - 8 November 2019 - NEURORADIOLOGIA -SIRM, Ancona 22-23 November - 2nd Italian-French update Imaging 2019, AI and New Trend in Oncologic Imaging: Next Future (R) evolution in Radiology Practice, Cardello, Roma, May 6-7th 2019, under auspices of Società Italiana di Radiologia Medica (SIRM) - Corso di Imaging Avanzato in Neuroradiologia Napoli, December 19-23th 2018, under auspices of the Italian Association of Neuroradiology (AINR) - Corso teorico-pratico di RM nella Sclerosi Multipla, Verona, September 28th 2018, under auspices of Verona University - Il NeuroImaging nei Disordini del Movimento e nelle Demenze, Verona, Spetember 20th 2018, under auspices of Accademia Italiana per lo Studio della Malattia di Parkinson e dei Disturbi del Movimento (LIMPE-DISMOV) - European Congress of Radiology (ECR), Vienna, February 28th-March 4th 2018, under auspices of European Society of Radiology (ESR) - Parkinson e Disturbi Cognitivi; Demenze e Disturbi Motori, Verona, December 21th 2017, under

<p>MAIN SCIENTIFIC INTERESTS</p>	<p>auspices of Accademia Italiana per lo Studio della Malattia di Parkinson e dei Disturbi del Movimento (LIMPE-DISMOV)</p> <ul style="list-style-type: none"> - IV Congresso Nazionale di Neuroradiologia Funzionale, November 3-4th 3 2017, Parma, under auspices of under auspices of the Italian Association of Neuroradiology (AINR) - Corso teorico-pratico di RM nella Sclerosi Multipla, Verona, September 22th 2017, under auspices of Verona University - "Mountain Sport & Health", Rovereto, November 9-10th 2017, under auspices of Verona University - "European Course of Diagnostic and Interventional Neuroradiology", Antwerp, Belgium, May 7-11th 2017, under auspices of European Society of Neuroradiology (ESNR) - Decadimento Cognitivo, Negrar, May 12th, 2017, under auspices of the Italian Association of Neuroradiology (AINR) <p>Advanced MR Imaging, in particular:</p> <ul style="list-style-type: none"> - (1) perfusion, functional and multi-GRE sequences, applied to Multiple Sclerosis, Dementia, Movement Disorders, neurovascular diseases - (2) new Angio-MR techniques applied to vascular malformations - (3) Guidelines and training
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31 March 2022

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