

Anno 2023

Titolo	Testata	DOI	Autori
123 I-MIBG imaging in heart failure: impact of comorbidities on cardiac sympathetic innervation	EUROPEAN JOURNAL OF NUCLEAR MEDICINE AND MOLECULAR IMAGING	10.1007/s00259-022-05941-3	Gargiulo P, Acampa W, Asile A, Abbate V, Nardi E, MARZANO FEDERICA, Assante R, Nappi C, Parlato A L M, Basile C, Dellegrottaglie S, Paolillo S, Cuocolo A, Perrone-Filardi P
4D-Flow Cardiovascular Magnetic Resonance Sequence for Aortic Assessment: Multi-Vendor and Multi-Magnetic Field Reproducibility in Healthy Volunteers	Journal of Clinical Medicine	10.3390/jcm12082960	Punzo Bruna, Ranieri Brigida, TRAMONTANO LIBERATORE, AFFINITO ORNELLA, Franzese Monica, Eduardo Bossone, Luca Saba, Cavaliere Carlo, Filippo Cademartiri
A Comprehensive Analysis of the Expression Profiles of KCTD Proteins in Acute Lymphoblastic Leukemia: Evidence of Selective Expression of KCTD1 in T-ALL	Journal of Clinical Medicine	10.3390/jcm12113669	Buono Lorena, iside concetta, Pecoraro Giovanni, Antonia De Matteo, Giuliana Beneduce, Roberta Penta de Vera d'Aragona, Rosanna Parasole, Peppino Mirabelli, Luigi Vitagliano, SALVATORE MARCO, Smaldone Giovanni
A peripheral signature of Alzheimer's disease featuring microbiota-gut-brain axis markers	Alzheimers Research & Therapy	10.1186/s13195-023-01218-5	Moira Marizzoni, Peppino Mirabelli, Elisa Mombelli, COPPOLA LUIGI, Cristina Festari, Nicola Lopizzo, Delia Luongo, Monica Mazzelli, Daniele Naviglio, Jean-Louis Blouin, Marc Abramowicz, SALVATORE MARCO, Michela Pievani, Annamaria Cattaneo, Giovanni B. Frisoni
Advanced Imaging Supports the Mechanistic Role of Autoimmunity and Plaque Rupture in COVID-19 Heart Involvement	CLINICAL REVIEWS IN ALLERGY & IMMUNOLOGY	10.1007/s12016-022-08925-1	Maria Elena Laino, Angela Ammirabile, Francesca Motta, Maria De Santis, Victor Savevski, Marco Francone, Arturo Chiti, MANNELLI LORENZO, Carlo Selmi, Lorenzo Monti
Age-Specific Cardiovascular Risk Factors for Major Adverse Cardiac Events in Patients Undergoing Myocardial Perfusion Imaging	Journal of Cardiovascular Development and Disease	10.3390/jcdd10090395	Rosario Megna, Petretta Mario, Carmela Nappi, Roberta Assante, Emilia Zampella, Valeria Gaudieri, Teresa Mannarino, Adriana D'Antonio, Roberta Green, Valeria Cantoni, Mariarosaria Panico, Wanda Acampa, Alberto Cuocolo
An image-based approach for the estimation of arterial local stiffness in vivo	Frontiers in Bioengineering and Biotechnology	10.3389/fbioe.2023.1096196	Simona Celi, Emanuele Gasparotti, Katia Capellini, Francesco Bardi, Martino Andrea Scarpolini, Cavaliere Carlo, Filippo Cademartiri, Emanuele Vignali
Base-to-apex Gradient Pattern Assessed by Cardiovascular Magnetic Resonance in Takotsubo Cardiomyopathy	JOURNAL OF THORACIC IMAGING	10.1097/RTI.0000000000000761	Riccardo Cau , Giuseppe Muscogiuri , Vitanio Palmisano, Michele Porcu , Alessandra Pintus, Roberta Montisci, MANNELLI LORENZO, Jasjit S Suri , Marco Francone , Luca Saba
Cardiovascular Applications of Photon-Counting CT Technology: A Revolutionary New Diagnostic Step	Journal of Cardiovascular Development and Disease	10.3390/jcdd10090363	Antonella Meloni, Filippo Cademartiri, Vincenzo Positano, Simona Celi, Sergio Berti, Alberto Clemente, Ludovico La Grutta, Luca Saba, Eduardo Bossone, Cavaliere Carlo, Punzo Bruna, Maffei Erica
Cerebral electrometabolic coupling in disordered and normal states of consciousness	Cell Reports	10.1016/j.celrep.2023.112854	Jitka Annen, Gianluca Frasso, Glenn J.M. van der Lande, Estelle A.C. Bonin, Marie M. Vitello, Rajanikant Panda, Arianna Sala, Cavaliere Carlo, Federico Raimondo, Mohamed Ali Bahri, Nicholas D. Schiff, Olivia Gosseries, Aurore Thibaut, Steven Laureys
Chronic exposure to L-BMAA cyanotoxin induces cytoplasmic TDP-43 accumulation and glial activation, reproducing an amyotrophic lateral sclerosis-like phenotype in mice	BIOMEDICINE & PHARMACOTHERAPY	10.1016/j.biopha.2023.115503	Serenella Anzilotti, Valeria Valente, Paola Brancaccio, Cristina Franco, CASAMASSA ANTONELLA, Giovanna Lombardi, Alessandra Palazzi, Andrea Conte, Simona Paladino, Lorella Maria Teresa Canzoniero, Annunziato Lucio, Giovanna Maria Pierantoni, Giuseppe Pignataro

Dual Source Photon-Counting Computed Tomography-Part II: Clinical Overview of Neurovascular Applications	Journal of Clinical Medicine	10.3390/jcm12113626	Filippo Cademartiri, Antonella Meloni, Laura Pistoia, Giulia Degiorgi, Alberto Clemente, Carmelo De Gori, Vincenzo Positano, Simona Celi, Sergio Berti, Michele Emdin, Daniele Panetta, Luca Menichetti, Punzo Bruna, Cavaliere Carlo, Eduardo Bossone, Luca Saba, Riccardo Cau, Ludovico La Grutta, Maffei Erica
Dual-Source Photon-Counting Computed Tomography-Part I: Clinical Overview of Cardiac CT and Coronary CT Angiography Applications	Journal of Clinical Medicine	10.3390/jcm12113627	Filippo Cademartiri, Antonella Meloni, Laura Pistoia, Giulia Degiorgi, Alberto Clemente, Carmelo De Gori, Vincenzo Positano, Simona Celi, Sergio Berti, Michele Emdin, Daniele Panetta, Luca Menichetti, Punzo Bruna, Cavaliere Carlo, Eduardo Bossone, Luca Saba, Riccardo Cau, Ludovico La Grutta, Maffei Erica
Dual-Source Photon-Counting Computed Tomography-Part III: Clinical Overview of Vascular Applications beyond Cardiac and Neuro Imaging	Journal of Clinical Medicine	10.3390/jcm12113798	Antonella Meloni, Filippo Cademartiri, Laura Pistoia, Giulia Degiorgi, Alberto Clemente, Carmelo De Gori, Vincenzo Positano, Simona Celi, Sergio Berti, Michele Emdin, Daniele Panetta, Luca Menichetti, Punzo Bruna, Cavaliere Carlo, Eduardo Bossone, Luca Saba, Riccardo Cau, Ludovico La Grutta, Maffei Erica
Editorial: Role of the SUMOylation in cancer regulation	Frontiers in Molecular Biosciences	10.3389/fmolb.2023.1236230	Xu Chen, Smaledone Giovanni, Pier Paolo Piccaluga, Yitao Qi
Efficacy, safety, adherence and persistence of PCSK9 inhibitors in clinical practice: A single country, multicenter, observational study (AT-TARGET-IT)	ATHEROSCLEROSIS	10.1016/j.atherosclerosis.2023.01.001	Paola Gargiulo, Christian Basile, Arturo Cesaro, MARZANO FEDERICA, Davide Buonocore, Gaetano Asile, Vincenza Abbate, Francesca Vicidomini, Stefania Paolillo, Carmen Anna Maria Spaccarotella, Angelo Catalano, Giulio Spirito, Piera Angelica Merlini, Alessandro Maloberti, Gabriella Iannuzzo, Marco Matteo Ciccone, Anna Paola Zito, Leonardo Paloscia, Alberto D'Alleva, Ferdinando Varbella, Antonella Corleto, Natale Daniele Brunetti, Maria Delia Corbo, Paolo Calabrò, Ciro Indolfi, Pasquale Perrone-Filardi
Emerging Role of DREAM in Healthy Brain and Neurological Diseases	INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES	10.3390/ijms24119177	Pasquale Molinaro, Luca Sanguigno, CASAMASSA ANTONELLA, Valeria Valsecchi, Rossana Sirabella, Giuseppe Pignataro, Annunziato Lucio, Luigi Formisano
Epicardial Adipose Tissue Changes during Statin Administration in Relation to the Body Mass Index: A Longitudinal Cardiac CT Study	Applied Sciences-Basel	10.3390/app131910709	Patrizia Toia, Ludovico La Grutta, Salvatore Vitabile, Punzo Bruna, Cavaliere Carlo, Carmelo Militello, Leonardo Rundo, Domenica Matranga, Clarissa Filorizzo, Maffei Erica, Massimo Galia, Massimo Midiri, Roberto Lagalla, Luca Saba, Eduardo Bossone, Filippo Cademartiri
Heart failure and trimethylamine N-oxide: time to transform a 'gut feeling' in a fact?	ESC Heart Failure	10.1002/ehf2.14205	Giulia Crisci, Muhammad Zubair Israr, Antonio Cittadini, Eduardo Bossone, Toru Suzuki, Salzano Andrea
How early can atherosclerosis be detected by coronary CT angiography? Insights from quantitative CT analysis of serial scans in the PARADIGM trial	Journal of Cardiovascular Computed Tomography	10.1016/j.jcct.2023.08.012	Rhanderson Cardoso, Andrew D. Choi, Arthur Shiyovich, Stephanie A. Besser, James K. Min, James Earls, Ron Blankstein, Daniele Andreini, Mouaz H. Al-Mallah, Matthew J. Budoff, Filippo Cademartiri, Kavitha Chinnaiyan, Jung Hyun Choi, Eun Ju Chun, NOT FOUND Edoardo Conte, Ilan Gottlieb, Martin Hadamitzky, Yong-Jin Kim, Byoung Kwon Lee, Jonathon A. Leipsic, Maffei Erica, Hugo Marques, Pedro de Araújo Gonçalves, Gianluca Pontone, Sanghoon Shin, Ji Min Sung, Sang-Eun Lee, Renu Virmani, Habib Samady, Fay Y. Lin, Peter H. Stone, Daniel S. Berman, Jagat Narula, Leslee J. Shaw, Jeroen J. Bax, Hyuk Jae Chang

How to Treat Right Heart Failure. Tips for Clinicians in Everyday Practice	Heart Failure Clinics	10.1016/j.hfc.2022.08.022	Giulia Crisci, Roberta D'Assante, Valeria Valente, Federica Giardino, D'Agostino Anna, Ranieri Brigida, Michele Arcopinto, Marra AM, Carmen Rainone, Michele Modestino, Salvatore Rega, Ludovica Fulgione, Chiara Sepe, Giuseppe Caruso, Eduardo Bossone, Salzano Andrea, Antonio Cittadini
Impact of Hormonal-Anabolic Deficiencies in Idiopathic Pulmonary Arterial Hypertension	Heart Failure Clinics	10.1016/j.hfc.2022.09.001	Marra AM, D'Agostino Anna, Salzano Andrea, Stefania Basili, Michele D'Alto, Eduardo Bossone, Antonio Cittadini, Carmine Dario Vizza, Roberto Badagliacca
Influence of Breast Cancer Extracellular Vesicles on Immune Cell Activation: A Pilot Study	Biology-Basel	10.3390/biology12121531	Santoro Jessie, Carrese Barbara, Peluso Maria Sara, COPPOLA LUIGI, D'Aiuto M, Mossetti G, SALVATORE MARCO, Smaldone Giovanni
Influence of hand starting position on radial line bisection	Frontiers in Psychology	10.3389/fpsyg.2023.1293624	Mariateresa Ricci, Alessandro Iavarone, Iardi Ciro Rosario, Sergio Chieffi
Involvement of the posterior tool processing network during explicit retrieval of action tool and semantic tool knowledge: an fMRI study	CEREBRAL CORTEX	10.1093/cercor/bhac522	Mathieu Lesourd, Emanuelle Reynaud, Jordan Navarro, Vivien Gaujoux, Alexandrine Faye-Védrines, Boris Alexandre, Josselin Baumard, Federico Giovanni, Franck Lambertson, Danielle Ibarrola, Yves Rossetti, François Osiurak
KCTD1/KCTD15 complexes control ectodermal and neural crest cell functions, and their impairment causes aplasia cutis	JOURNAL OF CLINICAL INVESTIGATION	10.1172/JCI1174138.	Jackelyn R. Raymundo, Hui Zhang, Smaldone Giovanni, Wenjuan Zhu, Kathleen E. Daly, Benjamin J. Glennon, Pecoraro Giovanni, SALVATORE MARCO, William A. Devine, Cecilia W. Lo, Luigi Vitagliano, Alexander G. Marneros
MicroRNAs: diagnostic, prognostic and therapeutic role in heart failure-a review	ESC Heart Failure	10.1002/ehf2.14153	Gargiulo P, MARZANO FEDERICA, SALVATORE MARCO, Basile C, Buonocore D, Luca A , Parlati M, Nardi E, Asile G, Abbate V, Colella A, Chirico A, Marciano C, Paolillo S, Perrone-Fialdi P
Mildly Elevated Pulmonary Hypertension: Gray Zone or Already a Disease?	Heart Failure Clinics	10.1016/j.hfc.2022.08.013	Marra AM, Umberto Attanasio, Alessandra Cuomo, Carmen Rainone, D'Agostino Anna, Antonio Carannante, Salzano Andrea, Eduardo Bossone, Antonio Cittadini, Carlo Gabriele Tocchetti, Valentina Mercurio
Modulating NO-GC Pathway in Pulmonary Arterial Hypertension	INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES	10.3390/ijms25010036.	D'Agostino Anna, Lanzafame LG, Buono Lorena, Crisci G, D'Assante R, Leone Ilaria, De Vito L , Bossone E, Cittadini A, Marra AM
Multimodality imaging of a cardiac paraganglioma: A case report	Frontiers in Cardiovascular Medicine	10.3389/fcvm.2023.1123789	Punzo Bruna, Baldi Dario, Ranieri Brigida, Cavaliere Carlo, Filippo Cademartiri
Non-invasive coronary imaging in elderly population	EUROPEAN JOURNAL OF RADIOLOGY	10.1016/j.ejrad.2023.110794	Carlotta Onnis, Giuseppe Muscogiuri, Filippo Cademartiri, Daniela Fanni, Gavino Faa, Clara Gerosa, MANNELLI LORENZO, Jasjit S. Suri, Sandro Sironi, Roberta Montisci, Luca Saba
Parietal resting-state EEG alpha source connectivity is associated with subcortical white matter lesions in HIV-positive people	CLINICAL NEUROPHYSIOLOGY	10.1016/j.clinph.2023.09.006	Claudio Babiloni, Claudio Del Percio, Claudia Piervincenzi, Filippo Carducci, Raffaele Ferri, Paolo Onorati, Ginevra Toma, Stefano Ferracuti, Paolo Roma, Valentina Correr, Francesco Di Campli, Antonio Aceti, SALVATORE MARCO, Soricelli Andrea, Elisabetta Teti, Alfredo Pennica, Loredana Sarmati, Vincenzo Vullo, Gabriella D'Etorre, Claudio Mastroianni, Nikolaos Petsas, Patrizia Pantano, Roberto Floris, Fabrizio Stocchi, Massimo Andreoni, Giovanni Di Perri, Andrea Calcagno, NOCE GIUSEPPE

Patients with Alzheimer's disease dementia show partially preserved parietal 'hubs' modeled from resting-state alpha electroencephalographic rhythms		10.3389/fnagi.2023.780014	Susanna Lopez, Claudio Del Percio, Roberta Lizio, NOCE GIUSEPPE, Alessandro Padovani, Flavio Nobili, Dario Arnaldi, Francesco Famà, Davide V. Moretti, Annachiara Cagnin, Giacomo Koch, Alberto Benussi, Marco Onofri, Barbara Borroni, Soricelli Andrea, Raffaele Ferri, Carla Buttinelli, Franco Giubilei, Bahar Güntekin, Görsev Yener, Fabrizio Stocchi, Laura Vacca, Laura Bonanni, Claudio Babiloni
Poor reactivity of posterior electroencephalographic alpha rhythms during the eyes open condition in patients with dementia due to Parkinson's disease	NEUROBIOLOGY OF AGING	10.1016/j.neurobiolaging.2023.11.010 Epub 2023 Nov 28	Babiloni C, NOCE GIUSEPPE, Tucci F, Jakhar D, Ferri R, Panerai S, Catania V, Soricelli Andrea, SALVATORE MARCO, Nobili F, Arnaldi D, Famà F, Buttinelli C, Giubilei F, Onofri M, Stocchi F, Vacca L, Radicati F, Fuhr P, Gschwandtner U, Ransmayr G, Parnetti L, Marizzoni M, D'Antonio F, Bruno G, De Lena C, Güntekin B, Yıldırım E, Hanoğlu L, Yener G, Hünerli D, Taylor JP, Schumacher J, McKeith I, Frisoni GB, Antonini A, Ferreri F, Bonanni L, De Pandis MF, Del Percio C
Prediction of outcome by 82Rb PET/CT in patients with ischemia and nonobstructive coronary arteries	JOURNAL OF NUCLEAR CARDIOLOGY	10.1007/s12350-022-03144-9	Emilia Zampella, Teresa Mannarino, Adriana D'Antonio, Roberta Assante, Valeria Gaudieri, Pietro Buongiorno, Mariarosaria Panico, Valeria Cantoni, Roberta Green, Carmela Nappi, Parthiban Arumugam, Petretta Mario, Alberto Cuocolo, Wanda Acampa
Rapid white matter changes in children with conduct problems during a parenting intervention	Translational Psychiatry	10.1038/s41398-023-02635-8	Suzanne O'Brien, Arjun Sethi, James Blair, Essi Viding, Ahmad Beyh, Mitul A. Mehta, Robert Dallyn, Christine Ecker, Marija M. Petrinovic, Moira Doolan, Nigel Blackwood, CATANI MARCO, Declan G. M. Murphy, Stephen Scott, Michael C. Craig
Relationship between default mode network and resting-state electroencephalographic alpha rhythms in cognitively unimpaired seniors and patients with dementia due to Alzheimer's disease	CEREBRAL CORTEX	10.1093/cercor/bhad300	Claudio Babiloni, Susanna Lopez, NOCE GIUSEPPE, Raffaele Ferri, Simonetta Panerai, Valentina Catania, Soricelli Andrea, SALVATORE MARCO, Flavio Nobili, Dario Arnaldi, Francesco Famà, Federico Massa, Carla Buttinelli, Franco Giubilei, Fabrizio Stocchi, Laura Vacca, Moira Marizzoni, Fabrizia D'Antonio, Giuseppe Bruno, Carlo De Lena, Bahar Güntekin, Ebru Yildirim, Lutfu Hanoglu, Görsev Yener, Deniz Yerlikaya, John Paul Taylor, Julia Schumacher, Ian McKeith, Laura Bonanni, Patrizia Pantano, Claudia Piervincenzi, Nikolaos Petsas, Giovanni B. Frisoni, Claudio Del Percio, Filippo Carducci
Resting state EEG rhythms in different stages of chronic kidney disease with mild cognitive impairment	NEUROBIOLOGY OF AGING	10.1016/j.neurobiolaging.2023.05.014	Roberta Lizio, Susanna Lopez, Claudio Babiloni, Claudio Del Percio, NOCE GIUSEPPE, Antonia Losurdo, Lucia Vernò, Marina De Tommaso, Anna Montemurno, Giuseppe Dalfino, Pietro Cirillo, Soricelli Andrea, Raffaele Ferri, Valentina Catania, Flavio Nobili, Franco Giubilei, Carla Buttinelli, Giovanni B. Frisoni, Fabrizio Stocchi, Anna Maria Scisci, Nicola Mastrofilippo, Deni Aldo Procaccini, Loreto Gesualdo
SMN deficiency perturbs monoamine neurotransmitter metabolism in spinal muscular atrophy	Communications Biology	10.1038/s42003-023-05543-1	Valeria Valsecchi, Francesco Errico, Valentina Bassareo, Carmen Marino, Tommaso Nuzzo, Paola Brancaccio, Giusy Laudati, CASAMASSA ANTONELLA, Manuela Grimaldi, Adele D'Amico, Manolo Carta, Enrico Bertini, Giuseppe Pignataro, Anna Maria D'Ursi, Alessandro Usiello

Sacubitril/valsartan reduces cardiac decompensation in heart failure with preserved ejection fraction: A meta-analysis	Journal of Cardiovascular Medicine	10.2459/JCM.0000000000001411	Christian Basile, Stefania Paolillo, Gargiulo Paola, MARZANO FEDERICA, Gaetano Asile, Antonio Luca Maria Parlati, Alfonsina Chirico, Ermanno Nardi, Davide Buonocore, Angela Colella, Pasquale Perrone-Filardi
Sex differences in functional brain networks involved in interoception: An fMRI study	Frontiers in Neuroscience	10.3389/fnins.2023.1130025	Alfano Vincenzo, Cavaliere Carlo, Di cEcca Angelica, Ciccarelli Giuseppina, SALVATORE MARCO, AIELLO MARCO, Federico Giovanni
Sex- and Gender-Related Aspects in Pulmonary Hypertension	Heart Failure Clinics	10.1016/j.hfc.2022.09.002	D'Agostino Anna, Paola Guindani, Gerarda Scaglione, Alessandra Di Vincenzo, Sara Tamascelli, Riccardo Spaggiari, Salzano Andrea, Andrea D'Amuri, Marra AM, Louise Pilote, Valeria Raparelli
Short term effect of sacubitril/valsartan on comprehensive geriatric assessment in chronic heart failure: a real life analysis	Internal and Emergency Medicine	10.1007/s11739-022-03130-6	Giuseppe Armentaro , Valentino Condoleo , Corrado Pelaia , Velia Cassano , Sofia Miceli , Raffaele Maio, Salzano Andrea, Maria Chiara Pelle , Maria Perticone, Elena Succurro , Franco Arturi , Francesco Andreozzi, Giorgio Sesti , Angela Sciacqua
Simplified Approach to Predicting Obstructive Coronary Disease With Integration of Coronary Calcium: Development and External Validation	Journal of the American Heart Association	10.1161/JAHA.123.031601	Robert J. H. Miller, Heidi Gransar, Alan Rozanski, Damini Dey, Mouaz Al-Mallah, Benjamin J. W. Chow, Philipp A. Kaufmann, Filippo Cademartiri, Maffei Erica, Donghee Han, Piotr J. Slomka, Daniel S. Berman
Simultaneous real-time EEG-fMRI neurofeedback: A systematic review	Frontiers in Human Neuroscience	10.3389/fnhum.2023.1123014	Ciccarelli Giuseppina, Federico Giovanni, Giulia Mele, Di cEcca Angelica, Migliaccio Miriana, Iardi Ciro Rosario, Alfano Vincenzo, SALVATORE MARCO, Cavaliere Carlo
Stroke by inducing HDAC9-dependent deacetylation of HIF-1 and Sp1, promotes Tfr1 transcription and GPX4 reduction, thus determining ferroptotic neuronal death	International Journal of Biological Sciences	10.7150/ijbs.80735	Luca Sanguigno, Natascia Guida, Serenella Anzilotti, Ornella Cuomo, Luigi Mascolo, Angelo Serani, Paola Brancaccio, Giuseppina Pennacchio, Ester Licastro, Giuseppe Pignataro, Pasquale Molinaro, Annunziato Lucio, Luigi Formisano
Subregional prefrontal cortex recruitment as a function of inhibitory demand: an fMRI metaanalysis	NEUROSCIENCE AND BIOBEHAVIORAL REVIEWS	10.1016/j.neubiorev.2023.105285	Gioele Gavazzi, Fabio Giovannelli, Chiara Noferini, Massimo Cincotta, Cavaliere Carlo, SALVATORE MARCO, Mario Mascacchi, Maria Pia Viggiano
Targeted genetic analysis unveils novel associations between ACE I/D and APO T158C polymorphisms with D-dimer levels in severe COVID-19 patients with pulmonary embolism	JOURNAL OF THROMBOSIS AND THROMBOLYSIS	10.1007/s11239-022-02728-z	Giuseppe Fiorentino, Giuditta Benincasa, Antonietta Coppola, Franzese Monica, Anna Annunziata, AFFINITO ORNELLA, Mario Viglietti, Claudio Napoli
Testosterone deficiency independently predicts mortality in women with HFREF: insights from the T.O.S.C.A. registry	ESC Heart Failure	10.1002/ehf2.14117.	Alberto M. Marra, Roberta D'Assante, Salzano Andrea, Massimo Iacoviello, Vincenzo Triggiani, Giuseppe Rengo , Giuseppe Limongelli, Daniele Masarone, Maria Perticone, Antonio Cimellaro, Pasquale Perrone Filardi, Stefania Paolillo, Paola Gargiulo, Antonio Mancini, Maurizio Volterrani, Olga Vriza, Roberto Castello, Andrea Passantino, Michela Campo, Pietro A. Modesti, Alfredo De Giorgi, Michele Arcopinto, D'Agostino Anna, Valeria Raparelli, Andrea M. isidori, Valiere Valente, Federica Giardino, Giulia Crisci, Angela Sciacqua, Marcella Savoia, Toru Suzuki, Eduardo Bossone, Antonio Cittadini
The "Little Circles Test" (LCT): a dusted-off tool for assessing fine visuomotor function	AGING CLINICAL AND EXPERIMENTAL RESEARCH	10.1007/s40520-023-02571-z	Iardi Ciro Rosario, Marco La Marra, Raffaella Amato, Di cEcca Angelica, Girolamo Di Maio, Ciccarelli Giuseppina, Migliaccio Miriana, Cavaliere Carlo, Federico Giovanni
The "complete diagnosis in one day" could be the next goal: the neuro-COVID paradigm	EUROPEAN JOURNAL OF NUCLEAR MEDICINE AND MOLECULAR IMAGING	10.1007/s00259-022-06049-4	Cavaliere Carlo, Mansi L

The HSPB1-p62/SQSTM1 functional complex regulates the unconventional secretion and transcellular spreading of the HD-associated mutant huntingtin protein	HUMAN MOLECULAR GENETICS	10.1093/hmg/ddad047	R. Bonavita, G. Scerra, R. Di Martino, Nuzzo Silvia, E. Polishchuk, M. Di Gennaro, S.V. Williams, M.G. Caporaso, C. Caiazza, R. Polishchuk, M. D'agostino, A. Fleming, M. Renna
The Oncosuppressive Properties of KCTD1: Its Role in Cell Growth and Mobility	Biology-Basel	10.3390/biology12030481	Smaldone Giovanni, Pecoraro Giovanni, PANE KATIA, Franzese Monica, Alessia Ruggiero, Luigi Vitagliano, SALVATORE MARCO
The assessment of executive functions to test the integrity of the nigrostriatal network: A pilot study	Frontiers in Psychology	10.3389/fpsyg.2023.1121251	Ilardi Ciro Rosario, Girolamo di Maio, Ines Villano, Giovanni Messina, Vincenzo Monda, Antonietta Messina, Chiara Porro, Maria Antonietta Panaro, Nadia Gamboz, Alessandro Iavarone, Marco La Marra
Thymic stromal lymphopietin (TSLP) is a substrate for tryptase in patients with mastocytosis	European Journal of Internal Medicine	10.1016/j.ejim.2023.07.026	Marcella Simone, Angelica Petraroli, Luisa Canè, Anne Lise Ferrara, Remo Poto, Roberta Parente, Francesco Palestra, Leonardo Cristinziano, Luca Modestino, Maria Rosaria Galdiero, Maria Monti, Gianni Marone, Massimo Triggiani, Gilda Varricchi, Stefania Loffredo
Type 2 Deiodinase Thr92Ala Polymorphism and Aging Are Associated with a Decreased Pituitary Sensitivity to Thyroid Hormone	THYROID	10.1089/thy.2022.0472	Cristina Luongo, Maria Angela De Stefano, Ambrosio Raffaele, Fabio Volpe, Tommaso Porcelli, Valeria Golia, Claudio Bellevicine, Giancarlo Troncone, Stefania Masone, Vincenzo Damiano, Elide Matano, Michele Klain, Martin Schlumberger, Domenico Salvatore
Type 2 deiodinase is expressed in anaplastic thyroid carcinoma and its inhibition causes cell senescence	ENDOCRINE-RELATED CANCER	10.1530/ERC-23-0016	Maria Angela De Stefano, Tommaso Porcelli, Ambrosio Raffaele, Cristina Luongo, Maddalena Raia, Martin Schlumberger, Domenico Salvatore
What a Single Electroencephalographic (EEG) Channel Can Tell us About Alzheimer's Disease Patients With Mild Cognitive Impairment	CLINICAL EEG AND NEUROSCIENCE	10.1177/15500594221125033	Del Percio C , Lopez S, NOCE GIUSEPPE, LIZIO ROBERTA, Tucci F, Soricelli Andrea, Ferri R, Nobili F, Arnaldi D, Famà F, Buttinelli C, Giubilei F, Marizzoni M, Güntekin B, Yener G, Stocchi F, Vacca L, Frisoni GB, Babiloni C
miR135a administration ameliorates brain ischemic damage by preventing TRPM7 activation during brain ischemia	CNS Neuroscience & Therapeutics	10.1111/cns.14448	P. Cepparulo, P. Brancaccio, R. Sirabella, S. Anzilotti, N. Guida, G. Laudati, V. Valsecchi, A. Vinciguerra, V. Viscardi, L. D'Esposito, L. Formisano, Annunziato Lucio, G. Pignataro, O. Cuomo
A Biobanking System for Diagnostic Images: Architecture Development, COVID-19-Related Use Cases, and Performance Evaluation	JMIR Formative Research	10.2196/42505	Giuseppina Esposito, Ciro Allarà, Marco Randon, AIELLO MARCO, SALVATORE MARCO, Giuseppe Aceto, Antonio Pescapè
A Two-Step Feature Selection Radiomic Approach to Predict Molecular Outcomes in Breast Cancer	SENSORS	10.3390/s23031552	Brancato Valentina, Nadia Brancati, Giusy Esposito, Massimo La Rosa, Cavaliere Carlo, Ciro Allarà, Valeria Romeo, Giuseppe De Pietro, SALVATORE MARCO, AIELLO MARCO, Mara Sangiovanni
A customized anthropomorphic 3D-printed phantom to reproducibility assessment in computed tomography: an oncological case study	Frontiers in Oncology	10.3389/fonc.2023.1123796	Cavaliere Carlo, Baldi Dario, Brancato Valentina, AIELLO MARCO, SALVATORE MARCO
A pathomic approach for tumor-infiltrating lymphocytes classification on breast cancer digital pathology images	Heliyon	10.1016/j.heliyon.2023.e14371	Verdicchio Mario, Brancato Valentina, Cavaliere Carlo, Francesco Isgrò, SALVATORE MARCO, AIELLO MARCO
Artificial Intelligence Applications in Cardiovascular Magnetic Resonance Imaging: Are We on the Path to Avoiding the Administration of Contrast Media?	Diagnostics	10.3390/diagnostics13122061	Riccardo Cau, Francesco Pisu, Jasjit S. Suri, MANNELLI LORENZO, Mariano Scaglione, Salvatore Masala, Luca Saba

Beyond conventional microscopy: Observing kidney tissues by means of fourier ptychography	Frontiers in Physiology	10.3389/fphys.2023.1120099	Marika Valentino, Vittorio Bianco, Lisa Miccio, Pasquale Memmolo, Brancato Valentina, Paolo Libretti, Gambacorta Marcello, SALVATORE MARCO, Pietro Ferraro
Bringing cumulative technological culture beyond copying versus reasoning	TRENDS IN COGNITIVE SCIENCES	10.1016/j.tics.2022.09.024	François Osiurak, Nicolas Claidière, Federico Giovanni
Case report: Multiple disconnection patterns revealed by a multi-modal analysis explained behavior after a focal frontal damage	Frontiers in Neurology	10.3389/fneur.2023.1142734	Elena Monai, Erica Silvestri, Marta Bisio, Annachiara Cagnin, AIELLO MARCO, Diego Cecchin, Alessandra Bertoldo, Maurizio Corbetta
Cell Survival, Death, and Proliferation in Senescent and Cancer Cells: the Role of (Poly)phenols	Advances in Nutrition	10.1016/j.advnut.2023.05.014	Vincenzo Sorrenti, Alessandro Buriani, Fortinguerra Stefano, Sergio Davinelli, Giovanni Scapagnini, Aedin Cassidy, Immacolata De Vivo
Combined evaluation of CAC score and myocardial perfusion imaging in patients at risk of cardiovascular disease: where are we and what do the data say	JOURNAL OF NUCLEAR CARDIOLOGY	10.1007/s12350-023-03288-2	Teresa Mannarino, Adriana D'Antonio, Roberta Assante, Emilia Zampella, Valeria Gaudieri, Petretta Mario, Alberto Cuocolo, Wanda Acampa
Editorial: Use of DCE-MRI in female affecting cancers	Frontiers in Oncology	10.3389/fonc.2023.1260469	Valeria Romeo, Cavaliere Carlo
Epicardial fat volume assessed with cardiac magnetic resonance imaging in patients with Takotsubo cardiomyopathy	EUROPEAN JOURNAL OF RADIOLOGY	10.1016/j.ejrad.2023.110706	Riccardo Cau, Pierpaolo Bassareo, Filippo Cademartiri, Christian Cadeddu, Antonella Balestrieri, MANNELLI LORENZO, Jasjit S. Suri, Luca Saba
Evaluation of Bilateral Maxillary Sinus Ectopic Teeth Using CT and Cinematic Rendering-A Case Report	Diagnostics	10.3390/diagnostics13193084	Baldi Dario, TRAMONTANO LIBERATORE, Punzo Bruna, Cavaliere Carlo
External validation and update of the J-ACCESS model in an Italian cohort of patients undergoing stress myocardial perfusion imaging	JOURNAL OF NUCLEAR CARDIOLOGY	10.1007/s12350-022-03173-4	Petretta Mario, Rosario Megna, Roberta Assante, Emilia Zampella, Carmela Nappi, Valeria Gaudieri, Teresa Mannarino, Roberta Green, Valeria Cantoni, Adriana D'Antonio, Mariarosaria Panico, Wanda Acampa, Alberto Cuocolo
Genotype-phenotype correlation in the spectrum of frontotemporal dementia-parkinsonian syndromes and advanced diagnostic approaches	CRITICAL REVIEWS IN CLINICAL LABORATORY SCIENCES	10.1080/10408363.2022.2150833	Chiara Zecca, Rosanna Tortelli, Paola Carrera, Maria Teresa Dell'Abate, Giancarlo Logroscino, Ferrari Maurizio
Including myocardial flow reserve by PET in prediction models: Ready to fly?	JOURNAL OF NUCLEAR CARDIOLOGY	10.1007/s12350-023-03259-7	Petretta Mario, Mariarosaria Panico, Ciro Gabriele Mainolfi, Alberto Cuocolo
Mapping myelin in white matter with T1-weighted/T2-weighted maps: discrepancy with histology and other myelin MRI measures	Brain Structure & Function	10.1007/s00429-022-02600-z	Stefano Sandrone, AIELLO MARCO, Cavaliere Carlo, Michel Thiebaut de Schotten, Katja Reimann, Claire Troakes, Istvan Bodi, Luis Lacerda, Serena Monti, Declan Murphy, Stefan Geyer, Catani Marco, Flavio Dell'Acqua
On the functional brain networks involved in tool-related action understanding	Communications Biology	10.1038/s42003-023-05518-2	Federico Giovanni, François Osiurak, Ciccarelli Giuseppina, Iardi Ciro Rosario, Cavaliere Carlo, TRAMONTANO LIBERATORE, Alfano Vincenzo, Migliaccio Miriana, Di cEcca Angelica, SALVATORE MARCO, Maria Antonella Brandimonte
Postoperative surveillance of pancreatic ductal adenocarcinoma (PDAC) recurrence: practice pattern on standardized imaging and reporting from the society of abdominal radiology disease focus panel on PDAC	Abdominal Radiology	10.1007/s00261-022-03693-0	Linda C. Chu, Zhen J. Wang, Avinash Kambadakone, Elizabeth M. Hecht, Jin He, Amol K. Narang, Daniel A. Laheru, Hina Arif-Tiwari, Priya Bhosale, Candice W. Bolan, Olga R. Brook, Abraham F. Bezuidenhout, Richard K. G. Do, Samuel J. Galgano, Ajit H. Goenka, Alexander R. Guimaraes, David M. Hough, Naveen Kulkarni, Ott Le, Lyndon Luk, MANNELLI LORENZO, Michael Rosenthal, Guillermo Sangster, Zarine K. Shah, Erik V. Soloff, Parag P. Tolat, Marc Zins, Elliot K. Fishman, Eric P. Tamm, Atif Zaheer

Prediction of placenta accreta spectrum in patients with placenta previa using a clinical, US and MRI combined model: A retrospective study with external validation	EUROPEAN JOURNAL OF RADIOLOGY	10.1016/j.ejrad.2023.111116	Simone Maurea, Francesco Verde, Valeria Romeo, Arnaldo Stanzione, Pier Paolo Mainenti, Giorgio Raia, Luigi Barbuto, Francesca Iacobellis, Fabrizia Santangelo, Laura Sarno, Sonia Migliorini, Petretta Mario, Maria D'Armiendo, Gianfranco De Dominicis, Claudio Santangelo, Maurizio Guida, Luigia Romano, Arturo Brunetti
Prevalence of cancer therapy cardiotoxicity as assessed by imaging procedures: A scoping review	Cancer Medicine	10.1002/cam4.5854	Valeria Cantoni, Roberta Green, Roberta Assante, Adriana D'Antonio, Francesca Maio, Emanuele Criscuolo, Roberto Bologna, Petretta Mario, Alberto Cuocolo, Wanda Acampa
The visual encoding of graspable unfamiliar objects	PSYCHOLOGICAL RESEARCH- PSYCHOLOGISCHE FORSCHUNG	10.1007/s00426-022-01673-z	Federico Giovanni, François Osiurak, Maria Antonella Brandimonte, SALVATORE MARCO, Cavaliere Carlo
Toolkit for emerging technologies in laboratory medicine	CLINICAL CHEMISTRY AND LABORATORY MEDICINE	10.1515/cclm-2023-0571	Ronda Greaves, Larry Kricka, Damien Gruson, Ferrari Maurizio, Helen Martin, Tze Ping Loh, Sergio Bernardini
Topological changes of fast large-scale brain dynamics in mild cognitive impairment predict early memory impairment: a resting-state, source reconstructed, magnetoencephalography study	NEUROBIOLOGY OF AGING	10.1016/j.neurobiolaging.2023.08.003	Antonella Romano, Emahnuel Troisi Lopez, Lorenzo Cipriano, Marianna Liparoti, Roberta Minino, Arianna Polverino, Cavaliere Carlo, AIELLO MARCO, Carmine Granata, Giuseppe Sorrentino, Pierpaolo Sorrentino
Tracers for Cardiac Imaging: Targeting the Future of Viable Myocardium	Pharmaceutics	10.3390/pharmaceutics15051532	Carmela Nappi, Mariarosaria Panico, Maria Falzarano, Carlo Vallone, Andrea Ponsiglione, Paolo Cutillo, Emilia Zampella, Petretta Mario, Alberto Cuocolo
4-Amino-TEMPO loaded liposomes as sensitive EPR and OMRI probes for the detection of phospholipase A2 activity	Scientific Reports	10.1038/s41598-023-40857-4	Diego Alberti, Eric Thiaudiere, Elodie Parzy, Sabrina Elkhanoufi, Sahar Rakhshan, Rachele Stefania, Philippe Massot, Philippe Mellet, Aime Silvio, Simonetta Geninatti Crich
A Magnetic Resonance Imaging-Chemical Exchange Saturation Transfer (MRI-CEST) Method for the Detection of Water Cycling across Cellular Membranes	ANGEWANDTE CHEMIE-INTERNATIONAL EDITION	10.1002/anie.202313485	Enza Di Gregorio, Chiara Papi, Laura Conti, Antonino Di Lorenzo, Eleonora Cavallari, SALVATORE MARCO, Cavaliere Carlo, Giuseppe Ferrauto, Aime Silvio
A Ratiometric SERS Probe for Imaging the Macrophage Phenotypes in Live Mice with Epilepsy and Brain Tumor	Advanced Healthcare Materials	10.1002/adhm.202301000	Wenjia Duan, Cong Wang, Yiqing Jiang, An Sui, Zhi Li, Lu Wang, Zuhai Lei, Aime Silvio, Jinhua Yu, Cong Li
Acute Heart Failure: Diagnostic-Therapeutic Pathways and Preventive Strategies-A Real-World Clinician's Guide	Journal of Clinical Medicine	10.3390/jcm12030846	Ciro Mauro, Salvatore Chianese, Rosangela Cocchia, Michele Arcopinto, Stefania Auciello, Valentina Capone, Mariano Carafa, Andreina Carbone, Giuseppe Caruso, CASTALDO ROSSANA, Rodolfo Citro, Giulia Crisci, Antonello D'Andrea, Roberta D'Assante, Maria D'Avino, Francesco Ferrara, Antonio Frangiosa, Domenico Galzerano, Vincenzo Maffei, Marra Alberto Maria, Rahul M. Mehta, Rajendra H. Mehta, Fiorella Paladino, Ranieri Brigida, Franzese Monica, Giuseppe Limongelli, Salvatore Rega, Luigia Romano, Salzano Andrea, Chiara Sepe, Olga Vriza, Raffaele Izzo, Filippo Cademartiri, Antonio Cittadini, Eduardo Bossone
Application of multi-spectral CT imaging in Crohn's disease: a systematic review	ACTA RADIOLOGICA	10.1177/02841851231170849	Giovanni Grassi, Maria Elena Laino, Mannudeep Kalra, Maria Valeria Cherchi, Refky Nicola, MANNELLI LORENZO, Antonella Balestrieri, Jasjit S Suri, Evis Sala, Luca Saba
Assessing the Therapeutic Efficacy of Proton Transport Inhibitors in a Triple-Negative Breast Cancer Murine Model with Magnetic Resonance Imaging-Chemical Exchange Saturation Transfer Tumor pH Imaging	Metabolites	10.3390/metabo13111161	Chetan Dhakan, Annasofia Anemone, Vittoria Ventura, Antonella Carella, Alessia Corrado, Elisa Pirota, Daisy Villano, Feriel Romdhane, Francesco Gammaraccio, Aime Silvio, Dario Livio Longo

Association Between Circulating CD4+ T Cell Methylation Signatures of Network-Oriented SOCS3 Gene and Hemodynamics in Patients Suffering Pulmonary Arterial Hypertension	Journal of Cardiovascular Translational Research	10.1007/s12265-022-10294-1	Giuditta Benincasa, Bradley A. Maron, AFFINITO ORNELLA, Michele D'Alto, Franzese Monica, Paola Argiento, Concetta Schiano, Emanuele Romeo, Paola Bontempo, Paolo Golino, Liberato Berrino, Joseph Loscalzo, Claudio Napoli
Benchmarking and improving the performance of variant-calling pipelines with RecallME	BIOINFORMATICS	10.1093/bioinformatics/btad722	Gianluca Vozza, Emanuele Bonetti, Giulia Tini, Valentina Favalli, Gianmaria Frigè, Gabriele Bucci, Simona De Summa, Zanfardino Mario, Francesco Zapelloni, Luca Mazzarella
Cardiovascular Side Effects of Anthracyclines and HER2 Inhibitors among Patients with Breast Cancer: A Multidisciplinary Stepwise Approach for Prevention, Early Detection, and Treatment	Journal of Clinical Medicine	10.3390/jcm12062121	Ciro Mauro, Valentina Capone, Rosangela Cocchia, Filippo Cademartiri, Ferdinando Riccardi, Michele Arcopinto, Maie Alshahid, Kashif Anwar, Mariano Carafa, Andreina Carbone, CASTALDO ROSSANA, Salvatore Chianese, Giulia Crisci, Roberta D'Assante, Mariarosaria De Luca, Franzese Monica, Domenico Galzerano, Vincenzo Maffei, Marra AM, Valeria Valente, Federica Giardino, Alfredo Mazza, Ranieri Brigida, D'Agostino Anna, Salvatore Rega, Luigia Romano, Sarah Scagliarini, Chiara Sepe, Olga Vríz, Raffaele Izzo, Antonio Cittadini, Eduardo Bossone, Salzano Andrea
Caveolin-Mediated Internalization of Fmoc-FF Nanogels in Breast Cancer Cell Lines	Pharmaceutics	10.3390/pharmaceutics15031026	Smaldone Giovanni, Elisabetta Rosa, GALLO ENRICO, Carlo Diaferia, Giancarlo Morelli, Mariano Stornaiuolo, Antonella Accardo
Development of cationic peptide-based hydrogels loaded with iopamidol for CEST-MRI detection	Journal of Materials Chemistry B	10.1039/d3tb00187c	Enza Di Gregorio, Elisabetta Rosa, Giuseppe Ferrauto, Carlo Diaferia, GALLO ENRICO, Antonella Accardo, Enzo Terreno
Diagnostic and prognostic significance of extracellular vesicles in prostate cancer drug resistance: A systematic review of the literature	PROSTATE CANCER AND PROSTATIC DISEASES	10.1038/s41391-022-00521-w	GRIMALDI ANNA MARIA, SALVATORE MARCO, Cavaliere Carlo
Differently N-Capped Analogues of Fmoc-FF	CHEMISTRY-A EUROPEAN JOURNAL	10.1002/chem.202300661	Carlo Diaferia, Elisabetta Rosa, GALLO ENRICO, Giancarlo Morelli, Antonella Accardo
Editorial: Omics integration and network medicine to decipher human complex diseases	Frontiers in Genetics	10.3389/fgene.2023.1119967	Zanfardino Mario, Giulia Babbi, Kazim Yalcin Arga, PANE KATIA
Enzymatic Reactions Observed with Zero- and Low-Field Nuclear Magnetic Resonance	ANALYTICAL CHEMISTRY	10.1021/acs.analchem.3c02087	Eills J., Picazo-Frutos R., Bondar O., Cavallari E., Carrera C., Barker SJ., Utz M., Herrero-Gómez A., Marco-Rius I., Tayler MCD., Aime Silvio, Reineri F., Budker D., Blanchard JW

Exercise Stress Echocardiography of the Right Ventricle and Pulmonary Circulation	JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY	10.1016/j.jacc.2023.09.807	Luna Gargani, Matteo Mazzola, Nicola Riccardo Pugliese, Nicolò De Biase, Gergely Agoston, Michele Arcopinto, Alberto Maria Marra, Antonio Cittadini, Paola Argiento, Andreina Carbone, CASTALDO ROSSANA, Michele D'Alto, Giuseppe Limogelli, William F. Armstrong, Theodore Koliass, Francesco Bandera, Francesco Bandera, Filippo Cademartiri, Iacopo Fabiani, Rossana Castaldo, Monica Franzese, Ranieri Brigida, Salzano Andrea, Rodolfo Citro, Francesco Ferrara, Rodolfo Citro, Ciro Mauro, Veronica Codullo, Franzese Monica, Antonello D'Andrea, Gabor Kovacs, Paolo Frumento, Stefano Ghio, Ekkehard Grünig, Marco Guazzi, Marco Guazzi, Jaroslaw D. Kasprzak, Gabor Kovacs, André La Gerche, Marco Matucci-Cerinic, Marco Matucci-Cerinic, Antonella Moreo, Lorenza Pratali, Eduardo Bossone, Lawrence Rudski, Rajan Saggari, Anna A. Stanziola, Mani A. Vannan, Olga Vriza, Karina Wierzbowska-Drabik, Robert Naeije, Eduardo Bossone, Luna Gargani, Robert Naeije, Francesco Ferrara, William F. Armstrong, Theodore John Koliass, Valentina Capone, Rosangela Cocchia, Ciro Mauro, Chiara Sepe, Filippo Cademartiri, Iacopo Fabiani, Francesco Capuano, Rodolfo Citro, Rossella Benvenga, Michele Bellino, Giuseppe Iuliano, Serena Migliarino, Ilaria Radano, Antonio Cittadini, Michele Arcopinto, Marra AM, Giulia Crisci, Roberta D'Assante, Mariarosaria De Luca, Federica Giardino, Carmen Rainone, Salvatore Rega, Valeria Valente, Michele D'Alto, Paola Argiento, Antonello D'Andrea, Francesco Ferrara, Valentina Russo, Luna Gargani, Paolo Frumento, Matteo Mazzola, Santo Dellegrottaglie, Giovanni Di Salvo, Stefano Ghio, Stefania Guida, Ekkehard Grünig, Christina A. Eichstaedt, Marco Guazzi, Francesco Bandera, Valentina Labate, André La Gerche, Giuseppe Limogelli, Andreina Carbone, Giuseppe Pacileo, Marina Verrengia, Jaroslaw D. Kasprzak, Karina Wierzbowska-Drabik, Gabor Kovacs, Philipp Douschan, Antonella Moreo, Francesca Casadei, Benedetta De Chiara, Robert Naeije, Ellen Ostfeld, Gianni Pedrizzetti, Marco Matucci-Cerinic, Francesco Pieri, Fabio Mori, Alberto Moggi-Pignone, Lorenza Pratali, Mauro Raciti, Nicola Pugliese, Nicolò De Biase, Gennaro D'Angelo, Brigida Ranieri, Lawrence Rudski, Rajan Saggari, Walter Serra, Anna Agnese Stanziola, D'Angelo Rossella, Lorena Gallotta, István Szabó, Gergely Agoston, Albert Varga, Damien Voilliot, Olga Vriza, Domenico Galzerano, Mani Vannan, Sara Mobasseri, Shizhen Liu, Peter Flueckiger
Exploring the Cardiotoxicity Spectrum of Anti-Cancer Treatments: Definition, Classification, and Diagnostic Pathways	Journal of Clinical Medicine	10.3390/jcm12041612	Ciro Mauro, Valentina Capone, Rosangela Cocchia, Filippo Cademartiri, Ferdinando Riccardi, Michele Arcopinto, Maie Alshahid, Kashif Anwar, Mariano Carafa, Andreina Carbone, CASTALDO ROSSANA, Salvatore Chianese, Giulia Crisci, Roberta D'Assante, Mariarosaria De Luca, Franzese Monica, Domenico Galzerano, Vincenzo Maffei, Marra AM, Alfredo Mazza, Ranieri Brigida, D'Agostino Anna, Salvatore Rega, Luigia Romano, Sarah Scagliarini, Chiara Sepe, Olga Vriza, Raffaele Izzo, Antonio Cittadini, Eduardo Bossone, Salzano Andrea
Highlight selection of radiochemistry and radiopharmacy developments by editorial board	EJNMMI Radiopharmacy and Chemistry	10.1186/s41181-023-00192-5	Oliver C. Kiss, Peter J. H. Scott, Martin Behe, Ivan Penuelas, Jan Passchier, Ana Rey, Marianne Patt, Aime Silvio, Amir Jalilian, Peter Laverman, Zhen Cheng, Alain Faivre Chauvet, Jonathan Engle, Frederik Cleeren, Hua Zhu, Johnny Vercouillie, Michael van Dam, Ming Rong Zhang, Lars Perk, Benjamin Guillet, Francisco Alves
In Situ Insonation of Alkaline Buffer Containing Liposomes Leads to a Net Improvement of the Therapeutic Outcome in a Triple Negative Breast Cancer Murine Model	Advanced Healthcare Materials	10.1002/adhm.202301480	Deyssy Patrucco, Juan Carlos Cutrin, Dario Livio Longo, Elena Botto, Li Cong, Aime Silvio, Daniela Delli Castelli

Molecular Resonance Imaging of the CAIX Expression in Mouse Mammary Adenocarcinoma Cells	Pharmaceuticals	10.3390/ph16091301	Claudia Quattrociochi, Alberto Mangia, Aime Silvio, Valeria Menchise, Daniela Delli Castelli
Multicomponent Peptide-Based Hydrogels Containing Chemical Functional Groups as Innovative Platforms for Biotechnological Applications	Gels	10.3390/gels9110903	Sabrina Giordano, GALLO ENRICO, Carlo Diaferia, Elisabetta Rosa, Carrese Barbara, Nicola Borbone, Pasqualina Liana Scognamiglio, Franzese Monica, Giorgia Oliviero, Antonella Accardo
Prognostic value of myocardial perfusion imaging by cadmium zinc telluride single-photon emission computed tomography in patients with suspected or known coronary artery disease: a systematic review and meta-analysis	EUROPEAN JOURNAL OF NUCLEAR MEDICINE AND MOLECULAR IMAGING	10.1007/s00259-023-06344-8	Roberta Assante, Emilia Zampella, Valeria Cantoni, Roberta Green, Adriana DiAntonio, Teresa Mannarino, Valeria Gaudieri, Carmela Nappi, Pietro Buongiorno, Mariarosaria Panico, Petretta Mario, Alberto Cuocolo, Wanda Acampa
Prospects and limitations of paramagnetic chemical exchange saturation transfer agents serving as biological reporters in vivo	NMR IN BIOMEDICINE	10.1002/nbm.4698	A Dean Sherry , Daniela Delli Castelli , Aime Silvio
Pulmonary transit time as a marker of diastolic dysfunction in Takotsubo syndrome	CLINICAL RADIOLOGY	10.1016/j.crad.2023.06.013	R. Cau, P.P. Bassareo, M. Porcu, MANNELLI LORENZO, V. Cherchi, J.S. Suri, L. Saba
Seeking for Innovation with Magnetic Resonance Imaging Paramagnetic Contrast Agents: Relaxation Enhancement via Weak and Dynamic Electrostatic Interactions with Positively Charged Groups on Endogenous Macromolecules	JOURNAL OF THE AMERICAN CHEMICAL SOCIETY	10.1021/jacs.3c06275 Epub 2023 Dec 28	Rachele Stefania, Lorenzo Palagi , Enza Di Gregorio , Giuseppe Ferrauto, Valentina Dinatale , Aime Silvio, Eliana Gianolio
Sex differences in type A acute aortic dissection: a systematic review and meta-analysis	European Journal of Preventive Cardiology	10.1093/eurjpc/zwad009	Andreina Carbone, Ranieri Brigida, CASTALDO ROSSANA, Franzese Monica, Salvatore Rega, Antonio Cittadini, Martin Czerny, Eduardo Bossone
Stratification of Patients with Coronary Artery Disease by Circulating Cytokines Profile: A Pilot Study	Journal of Clinical Medicine	10.3390/jcm12206649	iside concetta, AFFINITO ORNELLA, Punzo Bruna, SALVATORE MARCO, Peppino Mirabelli, Cavaliere Carlo, Franzese Monica
Ultrashort Cationic Peptide Fmoc-FFK as Hydrogel Building Block for Potential Biomedical Applications	Gels	10.3390/gels10010012.	GALLO ENRICO, Carlo Diaferia, Giordano Sabrina, Elisabetta Rosa, Carrese Barbara, Gennaro Piccialli, Nicola Borbone , Giancarlo Morelli , Giorgia Oliviero, Antonella Accardo
Unsupervised machine learning for risk stratification and identification of relevant subgroups of ascending aorta dimensions using cardiac CT and clinical data	Computational and Structural Biotechnology Journal	10.1016/j.csbj.2023.11.021	Zanfardino Mario, Punzo Bruna, Maffei E, Saba L, Bossone E, Nistri S, La Grutta L, Franzese Monica, Cavaliere Carlo, Cademartiri F
Cardiac magnetic resonance predictors of left ventricular remodelling following acute ST elevation myocardial infarction: The VavirimS study	Journal of Clinical Medicine	10.1016/j.ijcard.2022.11.006	Pica S, Crimi G, Castelvecchio S, Pazzanese V, Palmisano A, Lombardi M, Tondi L, Esposito A, Ameri P, Canale C, Cappelletti A, Alberti L P, Tavano D, Camporotondo R, Costantino I, Campodonico J, Pontone G, Villani A, Gallone GP, Montone RA, Niccoli G , Gargiulo P, Punzo Bruna, Vicenzi M , Carugo S , Menicanti L , Ambrosio G , Camici P.G.

Differential diagnosis of neurodegenerative dementias with the explainable MRI based machine learning algorithm MUQUBIA	Scientific Reports	10.1038/s41598-023-43706-6	Silvia De Francesco, Claudio Crema, Damiano Archetti, Robert I. Reid, Anna Nigri, Maria Grazia Bruzzone, Fabrizio Tagliavini, Raffaele Lodi, Egidio D'Angelo, Brad Boeve, Kejal Kantarci, Michael Firbank, John-Paul Taylor, Pietro Tiraboschi, Alberto Redolfi, Maria Grazia Bruzzone, Pietro Tiraboschi, Claudia A. M. Gandini Wheeler-Kingshott, Michela Tosetti, Gianluigi Forloni, Alberto Redolfi, Egidio D'Angelo, Fabrizio Tagliavini, Raffaele Lodi, Raffaele Agati, AIELLO MARCO, Elisa Alberici, Carmelo Amato, Domenico Aquino, Filippo Arrigoni, Francesca Baglio, Laura Biagi, Lilla Bonanno, Paolo Bosco, Francesca Bottino, Marco Bozzali, Nicola Canessa, Chiara Carducci, Irene Carne, Lorenzo Carnevale, Antonella Castellano, Cavaliere Carlo, Mattia Colnaghi, Valeria Elisa Contarino, Giorgio Conte, Mauro Costagli, Greta Demichelis, Silvia De Francesco, Andrea Falini, Stefania Ferraro, Giulio Ferrazzi, Lorenzo Figà Talamanca, Cira Fundarò, Simona Gaudino, Francesco Ghielmetti, Ruben Gianeri, Giovanni Giulietti, Marco Grimaldi, Antonella Iadanza, Matilde Inglese, Maria Marcella Laganà, Marta Lancione, Fabrizio Levrero, Daniela Longo, Giulia Lucignani, Martina Lucignani, Maria Luisa Malosio, Vittorio Manzo, Silvia Marino, Jean Paul Medina, Edoardo Micotti, Claudia Morelli, Cristina Muscio, Antonio Napolitano, Anna Nigri, Francesco Padelli, Fulvia Palesi, Patrizia Pantano, Chiara Parrillo, Luigi Pavone, Denis Peruzzo, Nikolaos Petsas, Anna Pichiecchio, Alice Pirastru, Letterio S. Politi, Luca Roccatagliata, Elisa Rognone, Andrea Rossi, Maria Camilla Rossi-Espagnet, Claudia Ruvolo, SALVATORE MARCO, Giovanni Savini, Emanuela Tagliente, Claudia Testa, Caterina Tonon, Domenico Tortora, Fabio Maria Triulzi
Normative values of the topological metrics of the structural connectome: A multi-site reproducibility study across the Italian Neuroscience network	Physica Medica-European Journal of Medical Physics	10.1016/j.ejmp.2023.102610	Borrelli Pasquale, Giovanni Savini, Cavaliere Carlo, Fulvia Palesi, Maria Grazia Bruzzone, Domenico Aquino, Laura Biagi, Paolo Bosco, Irene Carne, Stefania Ferraro, Giovanni Giulietti, Antonio Napolitano, Anna Nigri, Luigi Pavone, Alice Pirastru, Alberto Redolfi, Fabrizio Tagliavini, Michela Tosetti, SALVATORE MARCO, Claudia A.M. Gandini Wheeler-Kingshott, AIELLO MARCO, RIN-Neuroimaging