

anno 2022

Titolo	Testata	DOI	Autori
Reactivity of posterior cortical electroencephalographic alpha rhythms during eyes opening in cognitively intact older adults and patients with dementia due to Alzheimer's and Lewy body diseases	NEUROBIOLOGY OF AGING	10.1016/j.neurobiolaging.2022.04.001	Claudio Babiloni, Ivan Lorenzo, LIZIO ROBERTA, Susanna Lopez, Federico Tucci, Raffaele Ferri, Soricelli Andrea, Flavio Nobili, Dario Arnaldi, Francesco Famà, Carla Buttinelli, Franco Giubilei, Virginia Cipollini, Marco Onofri, Fabrizio Stocchi, Laura Vacca, Peter Fuhr, Ute Gschwandtner, Gerhard Ransmayr, Dag Aarsland, Lucilla Parnetti, Moira Marizzoni, Fabrizia D'Antonio, Carlo De Lena, Bahar Güntekin, Ebru Y?ld?r?m, Lutfu Hano?lu, Görsev Yener, Duygu Hünerli Gündüz, John Paul Taylor, Julia Schumacher, Ian McKeith, Giovanni B. Frisoni, Maria Francesca De Pandis, Laura Bonanni, Claudio Del Percio, NOCE GIUSEPPE
Alzheimer's Disease with Epileptiform EEG Activity: Abnormal Cortical Sources of Resting State Delta Rhythms in Patients with Amnesic Mild Cognitive Impairment	JOURNAL OF ALZHEIMERS DISEASE	10.3233/JAD-220442	Claudio Babiloni, NOCE GIUSEPPE, Carlo Di Bonaventura, LIZIO ROBERTA, Ali Eldellaa, Federico Tucci, Enrico M. Salamone, Raffaele Ferri, Soricelli Andrea, Flavio Nobili, Francesco Famà, Dario Arnaldi, Eleonora Palma, Pierangelo Cifelli, Moira Marizzoni, Fabrizio Stocchi, Giuseppe Bruno, Giancarlo Di Gennaro, Giovanni B. Frisoni, Claudio Del Percio
BDNF Val66Met gene polymorphism modulates brain activity following rTMS-induced memory impairment	Scientific Reports	10.1038/s41598-021-04175-x	Kilian Abellaneda-Pérez, Pablo Martin-Trias, Catherine Cassé-Perrot, Lidia Vaqué-Alcázar, Laura Lanteaume, Elisabeth Solana, Claudio Babiloni, LIZIO ROBERTA, Carme Junqué, Núria Bargalló, Paolo Maria Rossini, Joëlle Micallef, Romain Truillet, Estelle Charles, Elisabeth Jouve, Régis Bordet, Joan Santamaria, Simone Rossi, Alvaro Pascual-Leone, Olivier Blin, Jill Richardson, Jorge Jovicich, David Bartrés-Faz
What a single electroencephalographic (EEG) channel can tell us about patients with dementia due to Alzheimer's disease	INTERNATIONAL JOURNAL OF PSYCHOPHYSIOLOGY	10.1016/j.ijpsycho.2022.10.011	Claudio Del Percio, NOCE GIUSEPPE, Susanna Lopez, Federico Tucci, Graziano Carlin, LIZIO ROBERTA, Andreea M. Musat, Soricelli Andrea, SALVATORE MARCO, Raffaele Ferri, Flavio Nobili, Dario Arnaldi, Francesco Famà, Carla Buttinelli, Franco Giubilei, Moira Marizzoni, Bahar Güntekin, Görsev Yener, Fabrizio Stocchi, Laura Vacca, Giovanni B. Frisoni, Claudio Babiloni
Treatment effects on event-related EEG potentials and oscillations in Alzheimer's disease	INTERNATIONAL JOURNAL OF PSYCHOPHYSIOLOGY	10.1016/j.ijpsycho.2022.05.008	Görsev Yener, Duygu Hünerli-Gündüz, Ebru Y?ld?r?m, Tuba Aktürk, Canan Ba?ar-Ero?lu, Laura Bonanni, Claudio Del Percio, Francesca Farina, Raffaele Ferri, Bahar Güntekin, Mihály Hajós, Agustín Ibáñez, Yang Jiang, LIZIO ROBERTA, Susanna Lopez, NOCE GIUSEPPE, Mario A Parra, Fiona Randall, Fabrizio Stocchi, Claudio Babiloni
Parietal intrahemispheric source connectivity of resting-state electroencephalographic alpha rhythms is abnormal in Naïve HIV patients	BRAIN RESEARCH BULLETIN	10.1016/j.brainresbull.2022.01.015	Claudio Babiloni, Claudio Del Percio, LIZIO ROBERTA, Susanna Lopez, Alfredo Pennica, Paolo Roma, Valentina Correr, Federica Cucciolla, Ginevra Toma, Soricelli Andrea, Francesco Di Campi, Antonio Aceti, Elisabetta Teti, Loredana Sarmati, Gloria Crocetti, Raffaele Ferri, Ivan Lorenzo, Massimo Galli, Cristina Negri, Gioacchino Angarano, Annalisa Saracino, Luciana Lepore, Massimo Di Pietro, Francesco Maria Fusco, Vincenzo Vullo, Gabriella D'Etторе, Pasquale Pagliano, Giusy Di Flumeri, Benedetto Maurizio Celesia, Elio Gentilini Cacciola, Giovanni Di Perri, Andrea Calcagno, Fabrizio Stocchi, Stefano Ferracuti, Paolo Onorati, Massimo Andreoni, NOCE GIUSEPPE
Resting State Alpha Electroencephalographic Rhythms Are Affected by Sex in Cognitively Unimpaired Seniors and Patients with Alzheimer's Disease and Amnesic Mild Cognitive Impairment: A Retrospective and Exploratory Study	CEREBRAL CORTEX	10.1093/cercor/bhab348	Claudio Babiloni, NOCE GIUSEPPE, Raffaele Ferri, LIZIO ROBERTA, Susanna Lopez, Ivan Lorenzo, Federico Tucci, Soricelli Andrea, Montserrat Zurrón, Fernando Díaz, Flavio Nobili, Dario Arnaldi, Francesco Famà, Carla Buttinelli, Franco Giubilei, Virginia Cipollini, Moira Marizzoni, Bahar Güntekin, Ebru Y?ld?r?m, Lutfu Hano?lu, Görsev Yener, Duygu Hünerli Gündüz, Paolo Onorati, Fabrizio Stocchi, Laura Vacca, Fernando Maestú, Giovanni B Frisoni, Claudio Del Percio
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 Vriz, Roberto Castello, Andrea Passantino, Michela Campo, Pietro A. Modesti, Alfredo De Giorgi, Michele Arcopinto, D'Agostino Anna, Valeria Raparelli, Andrea M. Isidori, Valeria Valente, Federica Giardino, Giulia Crisci, Angela Sciacqua, Marcella Savoia, Toru Suzuki, Eduardo Bossone, Antonio Cittadini

Non-invasive coronary imaging in patients with COVID-19: A narrative review	EUROPEAN JOURNAL OF RADIOLOGY	10.1016/j.ejrad.2022.110188	Carlotta Onnis, Giuseppe Muscogiuri, Pier Paolo Bassareo, Riccardo Cau, MANNELLI LORENZO, Christian Cadeddu, Jasjit S. Suri, Giulia Cerrone, Clara Gerosa, Sandro Sironi, Gavino Faa, Alessandro Carriero, Gianluca Pontone, Luca Saba
Machine learning approach in diagnosing Takotsubo cardiomyopathy: The role of the combined evaluation of atrial and ventricular strain, and parametric mapping	INTERNATIONAL JOURNAL OF CARDIOLOGY	10.1016/j.ijcard.2022.11.021	Riccardo Cau, Francesco Pisu, Michele Porcu, Cademartiri Filippo, Roberta Montisci, Pierpaolo Bassareo, Giuseppe Muscogiuri, Antonio Amadu, Sandro Sironi, Antonio Esposito, Jasjit S. Suri, Luca Saba
Associations between dyspnoea, coronary atherosclerosis, and cardiovascular outcomes: results from the long-term follow-up CONFIRM registry	European Heart Journal-Cardiovascular Imaging	10.1093/ehjci/jeaa323	Alexander R. van Rosendael, A Maxim Bax, Inge J. van den Hoogen, Jeff M. Smit, Subhi J. Al'Aref, Stephan Achenbach, Mouaz H. Al-Mallah, Daniele Andreini, Daniel S. Berman, Matthew J. Budoff, Cademartiri Filippo, Tracy Q. Callister, Hyuk-Jae Chang, Kavitha Chinnaiyan, Benjamin J W Chow, Ricardo C. Cury, Augustin DeLago, Gudrun Feuchtner, Martin Hadamitzky, Joerg Hausleiter, Philipp A. Kaufmann, Yong-Jin Kim, Jonathon A. Leipsic, Erica Maffei, Hugo Marques, Pedro de Araújo Gonçalves, Gianluca Pontone, Gilbert L. Raff, Ronen Rubinshtein, Todd C. Villines, Heidi Gransar, Yao Lu, Jessica M. Peña, Fay Y. Lin, Leslee J. Shaw, Jagat Narula, James K. Min, Jeroen J. Bax
Association of Plaque Location and Vessel Geometry Determined by Coronary Computed Tomographic Angiography with Future Acute Coronary Syndrome-Causing Culprit Lesions	JAMA Cardiology	10.1001/jamacardio.2021.5705	Donghee Han, Andrew Lin, Keiichiro Kuronuma, Evangelos Tzolos, Alan C. Kwan, Eyal Klein, Daniele Andreini, Jeroen J. Bax, Cademartiri Filippo, Kavitha Chinnaiyan, Benjamin J. W. Chow, Edoardo Conte, Ricardo C. Cury, Gudrun Feuchtner, Martin Hadamitzky, Yong-Jin Kim, Jonathon A. Leipsic, Erica Maffei, Hugo Marques, Fabian Plank, Gianluca Pontone, Todd C. Villines, Mouaz H. Al-Mallah, Pedro De Araújo Gonçalves, Ibrahim Danad, Heidi Gransar, Yao Lu, Ji-Hyun Lee, Sang-Eun Lee, Lohendran Baskaran, Subhi J. Al'Aref, Yeonyee E. Yoon, Alexander Van Rosendael, Matthew J. Budoff, Habib Samady, Peter H. Stone, Renu Virmani, Stephan Achenbach, Jagat Narula, Hyuk-Jae Chang, James K. Min, Fay Y. Lin, Leslee J. Shaw, Piotr J. Slomka, Damini Dey, Daniel S. Berman
Relationship Between Coronary Artery Calcium and Atherosclerosis Progression Among Patients With Suspected Coronary Artery Disease	JACC-Cardiovascular Imaging	10.1016/j.jcmg.2021.12.015	Emma J. Hollenberg, Fay Lin, Michael J. Blaha, Matthew J. Budoff, Inge J. van den Hoogen, Umberto Gianni, Yao Lu, A. Maxim Bax, Alexander R. van Rosendael, Sara W. Tantawy, Daniele Andreini, Cademartiri Filippo, Kavitha Chinnaiyan, Jung Hyun Choi, Edoardo Conte, Pedro de Araújo Gonçalves, Martin Hadamitzky, Erica Maffei, Gianluca Pontone, Sanghoon Shin, Yong-Jin Kim, Byoung Kwon Lee, Eun Ju Chun, Ji Min Sung, Alessia Gimelli, Sang-Eun Lee, Jeroen J. Bax, Daniel S. Berman, Stephanie L. Sellers, Jonathon A. Leipsic, Ron Blankstein, Jagat Narula, Hyuk-Jae Chang, Leslee J. Shaw
Longitudinal quantitative assessment of coronary atherosclerosis related to normal systolic blood pressure maintenance in the absence of established cardiovascular disease	CLINICAL CARDIOLOGY	10.1002/clc.23870	Ki-Bum Won, Hyung-Bok Park, Ran Heo, Byoung Kwon Lee, Fay Y. Lin, Martin Hadamitzky, Yong-Jin Kim, Ji Min Sung, Edoardo Conte, Daniele Andreini, Gianluca Pontone, Matthew J. Budoff, Ilan Gottlieb, Eun Ju Chun, Cademartiri Filippo, Erica Maffei, Hugo Marques, Pedro de Araújo Gonçalves, Jonathon A. Leipsic, Sang-Eun Lee, Sanghoon Shin, Jung Hyun Choi, Renu Virmani, Habib Samady, Kavitha Chinnaiyan, Daniel S. Berman, Jagat Narula, Jeroen J. Bax, James K. Min, Hyuk-Jae Chang
Vessel-specific plaque features on coronary computed tomography angiography among patients of varying atherosclerotic cardiovascular disease risk	European Heart Journal-Cardiovascular Imaging	10.1093/ehjci/jeac029	A. Maxim Bax, Yeonyee E. Yoon, Umberto Gianni, Alexander R. Van Rosendael, Yao Lu, Xiaoyue Ma, Benjamin P. Goebel, Sara W. Tantawy, Daniele Andreini, Matthew J. Budoff, Cademartiri Filippo, Kavitha Chinnaiyan, Jung Hyun Choi, Edoardo Conte, Pedro De Araújo Gonçalves, Ilan Gottlieb, Martin Hadamitzky, Jonathon A. Leipsic, Erica Maffei, Gianluca Pontone, Sanghoon Shin, Yong-Jin Kim, Byoung Kwon Lee, Eun Ju Chun, Ji Min Sung, Sang-Eun Lee, Daniel S. Berman, Jagat Narula, Fay Y. Lin, Hyuk-Jae Chang, Leslee J. Shaw
Measurement of compensatory arterial remodelling over time with serial coronary computed tomography angiography and 3D metrics	European Heart Journal-Cardiovascular Imaging	10.1093/ehjci/jeab138	Inge J. van den Hoogen, Alexander R. van Rosendael, Fay Y. Lin, Umberto Gianni, Daniele Andreini, Mouaz H. Al-Mallah, Matthew J. Budoff, Cademartiri Filippo, Kavitha Chinnaiyan, Jung Hyun Choi, Edoardo Conte, Hugo Marques, Pedro de Araújo Gonçalves, Ilan Gottlieb, Martin Hadamitzky, Jonathon Leipsic, Erica Maffei, Gianluca Pontone, Sanghoon Shin, Yong Jin Kim, Byoung Kwon Lee, Eun Ju Chun, Ji Min Sung, Sang Eun Lee, Daniel S. Berman, Renu Virmani, Habib Samady, Peter H. Stone, Jagat Narula, Hyuk Jae Chang, James K. Min, Leslee J. Shaw, Jeroen J. Bax

Early versus late acute coronary syndrome risk patterns of coronary atherosclerotic plaque	European Heart Journal-Cardiovascular Imaging	10.1093/ehjci/jeac114	Inge J. van den Hoogen, Wijnand J. Stuijzand, Umberto Gianni, Alexander R. van Rosendaal, A Maxim Bax, Yao Lu, Sara W. Tantawy, Emma J. Hollenberg, Daniele Andreini, Mouaz H. Al-Mallah, Cademartiri Filippo, Kavitha Chinnaiyan, Benjamin J W Chow, Edoardo Conte, Ricardo C. Cury, Gudrun Feuchtnner, Pedro de Araujo Gonçalves, Martin Hadamitzky, Yong Jin Kim, Jonathon Leipsic, Erica Maffei, Hugo Marques, Fabian Plank, Gianluca Pontone, Todd C. Villines, Sang Eun Lee, Subhi J. Al'Aref, Lohendran Baskaran, Ibrahim Danad, Heidi Gransar, Matthew J. Budoff, Habib Samady, Renu Virmani, Daniel S. Berman, Hyuk Jae Chang, Jagat Narula, James K. Min, Jeroen J. Bax, Fay Y. Lin, Leslee J. Shaw
Right Heart Pulmonary Circulation Unit Response to Exercise in Patients with Controlled Systemic Arterial Hypertension: Insights from the RIGHT Heart International Network (RIGHT-NET)	Journal of Clinical Medicine	10.3390/jcm11020451	Olga Vríz, Paolo Palatini, Lawrence Rudski, Paolo Frumento, Jarosław D. Kasprzak, Francesco Ferrara, Rosangela Cocchia, Luna Gargani, Karina Wierzbowska-Drabik, Valentina Capone, Ranieri Brigida, Salzano Andrea, Anna Agnese Stanzola, Marra Alberto Maria, Roberto Annunziata, Salvatore Chianese, Salvatore Rega, Teresa Saltalamacchia, Renato Maramaldi, Chiara Sepe, Giuseppe Limongelli, Cademartiri Filippo, Antonello D'Andrea, Michele D'Alto, Raffaele Izzo, Nicola Ferrara, Ciro Mauro, Antonio Cittadini, Grünig Ekkehard, Marco Guazzi, Eduardo Bossone
Antihypertensive treatment changes and related clinical outcomes in older hospitalized patients	EUROPEAN JOURNAL OF CLINICAL INVESTIGATION	10.1111/eci.13931	Sebastiano Cicco, Marco Proietti, Vincenzo Zaccone, Massimo Mattioli, Salvatore Piano, Alberto Maria Marra, Alessandro Nobili, Pier Mannuccio Mannucci, Antonello Pietrangelo, Giorgio Sesti, Salzano Andrea, Pier Mannuccio Mannucci, Alessandro Nobili, Giorgio Sesti, Antonello Pietrangelo, Francesco Perticone, Francesco Violi, Gino Roberto Corazza, Salvatore Corrao, Alessandra Marengoni, Francesco Salerno, Matteo Cesari, Mauro Tettamanti, Luca Pasina, Carlotta Franchi, Carlotta Franchi, Mauro Tettamanti, Mauro Tettamanti, Domenico Prisco, Elena Silvestri, Giacomo Emmi, Alessandra Bettiol, Gianni Biolo, Michela Zanetti, Massimo Vanoli, Giulia Grignani, Matteo Pirro, Graziana Lupattelli, Vanessa Bianconi, Massimo R. Mannarino, Domenico Girelli, Giacomo Marchi, Mario Barbagallo, Ligia Dominguez, Salvatore Corrao, Giuseppe Natoli, Massimo Raspanti, Federica Cavallaro, Marco Zoli, Giovanni Serafini, Mattia Brunori, Maria Domenica Cappellini, Giovanna Fabio, Giacomo De Luca, Valeria Di Stefano, Simona Leoni, Alessandra Danuto Di Mauro, Marta Mancarella, Paolo Dionigi Rossi, Marta Clerici, Simona Leoni, Alessandra Danuta Di Mauro, Federica Conti, Antonio Di Sabatino, Emanuela Miceli, Marco Vincenzo Lenti, Donatella Padula, Valentina Antoci, Ginevra Cambiè, Roberto Pontremoli, Giovanna Leoncini, Jacopo Alberto, Federico Cattaneo, Maria Carbone, Francesco Cipollone, Maria Teresa Guagnano, Ilaria Rossi, Lucia Esposito, Ermanno Angelucci, Gerardo Mancuso, Giuseppe Delitala, Maria Berria, Alessandro Delitala, Maurizio Muscaritoli, Alessio Molfino, Enrico Petrillo, Antonella Giorgi, Giuseppe Zuccalà, Giuseppe Romanelli, Alessandra Marengoni, Daniela Lucente, Francesca Manzoni, Alberto Zucchelli, Antonio Picardi, Paolo Gallo, Giuseppe Bellelli, Maurizio Corsi, Giulia Principato, Alessandra Bonfanti, Hajnalka Szabo, Paolo Mazzola, Andrea Piazzoli, Maurizio Corsi, Franco Arturi, Elena Succurro, Maria Grazia Serra, Antonio Brucato, Enrica Negro, Martino Brenna, Lucia Trotta, Giovanni Lorenzo Squintani, Maria Luisa Randi, Fabrizio Fabris, Francesco Ratti, Elisabetta Cosi, Roberto Manfredini, Fabio Fabbian, Benedetta Boari, Alfredo De Giorgi, Giuseppe Paolisso, Maria Rosaria Rizzo, Claudia Catalano, Claudio Borghi, Enrico Strocchi, Mario Soldati, Silvia Schiavone, Francesca Giulia Leoni, Carlo Sabbà, Francesco Saverio Vella, Patrizia Suppressa, Giuseppe Re, Francesca Loparco, Luigi Fenoglio, Alessia Valentina Giraudo, Anna L. Fracanzani, Flora Peyvandi, Giulia Colombo, Valter Giulia M. Giordano, Pasquale Pezzella, Mario Quarantelli, Paola Bucci, Anna Prinster, Soricelli Andrea, Andrea Perrotelli, Luigi Giuliani, Michele Fabrazzo, Silvana Galderisi
Investigating the relationship between white matter connectivity and motivational circuits in subjects with deficit schizophrenia: A diffusion tensor imaging (dti) study	Journal of Clinical Medicine	10.3390/jcm11010061	Tiziana Petrozziello, Francesca Boscia, Valentina Tedeschi, Anna Pannaccione, Valeria de Rosa, Angela Corvino, Beatrice Severino, Annunziato Lucio, Agnese Secondo
Na ⁺ /Ca ²⁺ exchanger isoform 1 takes part to the Ca ²⁺ - related pro-survival pathway of SOD1 in primary motor neurons exposed to beta-methylamino-L-alanine	Cell Communication and Signaling	10.1186/s12964-021-00813-z	A. Barco, S. Orlando, G. Stroffolini, V. Pirriatore, A. Lazzaro, D. Vai, G. Guastamacchia, NOCE GIUSEPPE, C. Atzori, M. Trunfio, S. Bonora, G. Di Perri, A. Calcagno
Correlations between cerebrospinal fluid biomarkers, neurocognitive tests, and resting-state electroencephalography (rsEEG) in patients with HIV-associated neurocognitive disorders	JOURNAL OF NEUROVIROLOGY	10.1007/s13365-021-01047-y	

Echocardiographic predictors of mortality in intermediate-risk pulmonary embolism	Internal and Emergency Medicine	10.1007/s11739-021-02910-w	Lorenzo Falsetti, Marra Alberto Maria, Vincenzo Zaccone, Mattia Sampaolesi, Francesca Riccorni, Laura Giovanelli, Emanuele Guerrieri, Giovanna Viticchi, D'Agostino Anna, Tamira Gentili, Cinzia Nitti, Gianluca Moroncini, Antonio Cittadini, Aldo Salvi
Identification and characterization of the promoter and transcription factors regulating the expression of cerebral sodium/calcium exchanger 2 (NCX2) gene	CELL CALCIUM	10.1016/j.ceca.2022.102542	Lucrezia Calabrese, Angelo Serani, Silvia Natale, Valentina Tedeschi, GUIDA NATASCIA, Valeria Valsecchi, Agnese Secondo, Luigi Formisano, Annunziato Lucio, Pasquale Molinaro
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 Epub 2022 Jan 28	Maria Elena Laino, Angela Ammirabile, Francesca Motta, Maria De Santis, Victor Savevski, Marco Francone, Arturo Chiti, MANNELLI LORENZO, Carlo Selmi, Lorenzo Monti
Association of gut-related metabolites with respiratory symptoms in COVID-19: A proof-of-concept study	NUTRITION	10.1016/j.nut.2021.111585	Muhammad Zubair Israr, Wadah Ibrahim, Salzano Andrea, Sarir Sarmad, Michael J. Wilde, Rebecca L. Cordell, Neil J. Greening, Christopher E. Brightling, Salman Siddiqui, Toru Suzuki
In silico recognition of a prognostic signature in basal-like breast cancer patients	PLoS One	10.1371/journal.pone.0264024	Federica Conte, Pasquale Sibilio, GRIMALDI ANNA MARIA, SALVATORE MARCO, Paola Paci, INCORONATO MARIAROSARIA
Emerging Role of Cardiac Magnetic Resonance Imaging in Diagnosing Myocarditis: A Blunder or The Way To Get the Problem Sorted?	JOURNAL OF THORACIC IMAGING	10.1097/RTI.0000000000000634	Gloria Caredda, Pier P. Bassareo, Riccardo Cau, MANNELLI LORENZO, Jasjit S. Suri, Luca Saba
Effects of Annurca Flesh Apple Polyphenols in Human Thyroid Cancer Cell Lines	Oxidative Medicine and Cellular Longevity	10.1155/2022/6268755	Orlandella Francesca Maria, Mirabelli Peppino, Anna Elisa De Stefano, Paola Lucia Chiara Iervolino, Neila Luciano, Stefania D'Angelo, SALVATORE GIULIANA
KCTD15 Is Overexpressed in her2+ Positive Breast Cancer Patients and Its Silencing Attenuates Proliferation in SKBR3 CELL LINE	Diagnostics	10.3390/diagnostics12030591	COPPOLA LUIGI, Baseline Simona, Francesco Messina, Rosa Giannatiempo, Amalia Farina, Luigi Vitagliano, Smaledone Giovanni, SALVATORE MARCO
Surrogate markers of gut dysfunction are related to heart failure severity and outcome _z from the BIOSTAT-CHF consortium	AMERICAN HEART JOURNAL	10.1016/j.ahj.2022.03.002	Muhammad Zubair Israr, Hong Zhan, Salzano Andrea, Adriaan A Voors, John G Cleland, Stefan D Anker, Marco Metra, Dirk J van Velthuisen, Chim C Lang, Faiez Zannad, Nilesh J Samani, Leong L Ng, Toru Suzuki
Role of imaging in rare COVID-19 vaccine multiorgan complications	Insights into Imaging	10.1186/s13244-022-01176-w	Riccardo Cau, Cesare Mantini, Lorenzo Monti, MANNELLI LORENZO, Emanuele Di Dedda, Abdelkader Mahammed, Refky Nicola, John Roubil, Jasjit S. Suri, Giulia Cerrone, Daniela Fanni, Gavino Faa, Alessandro Carriero, Angelo Scuteri, Marco Francone, Luca Saba
Simultaneous assessment of myocardial perfusion and adrenergic innervation in patients with heart failure by low-dose dual-isotope CZT SPECT imaging	JOURNAL OF NUCLEAR CARDIOLOGY	10.1007/s12350-022-02951-4	Roberta Assante, Adriana D'Antonio, Teresa Mannarino, Carmela Nappi, Valeria Gaudieri, Emilia Zampella, Pietro Buongiorno, Valeria Cantoni, Roberta Green, Nicola Frega, Hein J. Verberne, Petretta Mario, Alberto Cuocolo, Wanda Acampa
Left atrial appendage strain and strain rate using cardiovascular magnetic resonance feature tracking: preliminary study on feasibility and reproducibility	CLINICAL RADIOLOGY	10.1016/j.crad.2022.02.022	R. Cau, P. Bassareo, Cademartiri Filippo, L. Saba
Idiopathic pulmonary fibrosis telemedicine management during COVID-19 outbreak	Open Medicine	10.1515/med-2022-0466	Anna Agnese Stanzola, Salzano Andrea, Rossella D'Angelo, Marra Alberto Maria, Lorena Gallotti, Roberta D'Assante, Danilo Pentangelo, Ranieri Brigida, Eduardo Bossone, Antonio Cittadini
Mid-term effects of carotid endarterectomy on cognition and white matter status evaluated by whole brain diffusion tensor imaging metrics: A preliminary analysis	EUROPEAN JOURNAL OF RADIOLOGY	10.1016/j.ejrad.2022.110314	Michele Porcu, Luigi Cocco, Riccardo Cau, Jasjit S. Suri, MANNELLI LORENZO, Josep Puig, Yang Qi, Kosmas I. Paraskevas, Luca Saba
The Gut Axis Involvement in Heart Failure: Focus on Trimethylamine N-oxide	CARDIOLOGY CLINICS	10.1016/j.ccl.2021.12.004	Salzano Andrea, Shabana Cassambai, Yoshiyuki Yazaki, Muhammad Zubair Israr, Dennis Bernieh, Max Wong, Toru Suzuki
Anabolic Deficiencies in Heart Failure: Ready for Prime Time?	CARDIOLOGY CLINICS	10.1016/j.ccl.2021.12.003	Raffaele Napoli, Roberta D'Assante, Martina Miniero, Salzano Andrea, Antonio Cittadini
Brain Networks Involved in Depression in Patients with Frontotemporal Dementia and Parkinson's Disease: An Exploratory Resting-State Functional Connectivity MRI Study	Diagnostics	10.3390/diagnostics12040959	Alfano Vincenzo, Federico Giovanni, MELE GIULIA, Federica Garramone, Marcello Esposito, AIELLO MARCO, SALVATORE MARCO, Cavaliere Carlo
Cardiovascular magnetic resonance native T1 mapping in Anderson-Fabry disease: a systematic review and meta-analysis	JOURNAL OF CARDIOVASCULAR MAGNETIC RESONANCE	10.1186/s12968-022-00859-z	Andrea Ponsiglione, Michele Gambardella, Roberta Green, Valeria Cantoni, Carmela Nappi, Raffaele Ascione, Marco De Giorgi, Renato Cuocolo, Antonio Pisani, Petretta Mario, Alberto Cuocolo, Massimo Imbriaco
IN BRAIN POST-ISCHEMIC PLASTICITY, Na ⁺ /Ca ²⁺ EXCHANGER 1 AND Ascl1 INTERVENE IN MICROGLIA-DEPENDENT CONVERSION OF ASTROCYTES INTO NEURONAL LINEAGE	CELL CALCIUM	10.1016/j.ceca.2022.102608	CASAMASSA ANTONELLA, Ornella Cuomo, Anna Pannaccione, Pasquale Cepparulo, Giusy Laudati, Valeria Valsecchi, Annunziato Lucio, Giuseppe Pignataro
Physiologic Range of Myocardial Mechano-Energetic Efficiency among Healthy Subjects: Impact of Gender and Age	Journal of Personalized Medicine	10.3390/jpm12060996	Francesco Ferrara, Valentina Capone, Filippo Cademartiri, Olga Vriza, Rosangela Cocchia, Ranieri Brigida, Franzese Monica, CASTALDO ROSSANA, Antonello D'andrea, Rodolfo Citro, Salvatore Chianese, Roberto Annunziata, Flavio Marullo, Mario Siniscalchi, Marianna Conte, Chiara Sepe, Renato Maramaldi, Salvatore Rega, Giuseppe Russo, Massimo Majolo, Eliana Raiola, Salzano Andrea, Ciro Mauro, Bruno Trimarco, Raffaele Izzo, Eduardo Bossone

K ⁺ - Dependent Na ⁺ / Ca ²⁺ Exchanger Isoform 2, Nckx2, Takes Part in the Neuroprotection Elicited by Ischemic Preconditioning in Brain Ischemia	INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES	10.3390/ijms23137128	Ornella Cuomo, Rossana Sirabella, Francesca Boscia, CASAMASSA ANTONELLA, Jonathan Lytton, Annunziato Lucio, Giuseppe Pignataro
Preconditioning in hypoxic-ischemic neonate mice triggers Na ⁺ /Ca ²⁺ exchanger-dependent neurogenesis	Cell Death Discovery	10.1038/s41420-022-01089-z	P. Brancaccio, S. Anziolotti, O. Cuomo, A. Vinciguerra, M. Campanile, A. Herchuelz, S. Amoroso, Annunziato Lucio, G. Pignataro
Quantification of Coronary Artery Atherosclerotic Burden and Muscle Mass: Exploratory Comparison of Two Freely Available Software Programs	Applied Sciences-Basel	10.3390/app12115468	Carmela Nappi, Rosario Megna, Fabio Volpe, Andrea Ponsiglione, Elisa Caiazzo, Leandra Piscopo, Ciro Gabriele Mainolfi, Emilia Vergara, Massimo Imbriaco, Michele Klain, Petretta Mario, Alberto Cuocolo
Ruta graveolens water extract (RGWE) ameliorates ischemic damage and improves neurological deficits in a rat model of transient focal brain ischemia	BIOMEDICINE & PHARMACOTHERAPY	10.1016/j.biopha.2022.113587	Mario Campanile, Ornella Cuomo, Paola Brancaccio, Antonio Vinciguerra, CASAMASSA ANTONELLA, Olga Pastorino, Floriana Volpicelli, Maria Teresa Gentile, Salvatore Amoroso, Annunziato Lucio, Luca Colucci-D'Amato, Giuseppe Pignataro
Effects of Exercise on Heart Failure with Preserved Ejection Fraction: An Updated Review of Literature	Journal of Cardiovascular Development and Disease	10.3390/jcdd9080241	Giulia Crisci, Mariarosaria De Luca, Roberta D'Assante, Ranieri Brigida, D'Agostino Anna, Valeria Valente, Federica Giardino, Valentina Capone, Salvatore Chianese, Salvatore Rega, Rosangela Cocchia, Muhammad Zubair Israr, Radek Debiek, Liam M. Heaney, Salzano Andrea
Identification of Immune Cell Components in Breast Tissues by a Multiparametric Flow Cytometry Approach	Cancers	10.3390/cancers14163869	COPPOLA LUIGI, Smaledone Giovanni, Massimiliano D'aiuto, Giuseppe D'aiuto, Gennaro Mossetti, Massimo Rinaldo, Simona Verlicio, NICOLAI EMANUELE, SALVATORE MARCO, Mirabelli Peppino
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 Epub 2022 Sep 8	Gargiulo Paola, Wanda Acampa, Gaetano Asile, Vincenza Abbate, Ermanno Nardi, MARZANO FEDERICA, Roberta Assante, Carmela Nappi, Antonio Luca Maria Parlati, Christian Basile, Santo Dellegrottaglie, Stefania Paolillo, Alberto Cuocolo, Pasquale Perrone-Filardi
Regional myocardial perfusion imaging in predicting vessel-related outcome: interplay between the perfusion results and angiographic findings	EUROPEAN JOURNAL OF NUCLEAR MEDICINE AND MOLECULAR IMAGING	10.1007/s00259-022-05948-w	Teresa Mannarino, Adriana D'Antonio, Roberta Assante, Emilia Zampella, Valeria Gaudieri, Pietro Buongiorno, Valeria Cantoni, Roberta Green, Carmela Nappi, Emanuele Criscuolo, Roberto Bologna, Petretta Mario, Piotr Slomka, Alberto Cuocolo, Wanda Acampa
Resting state electroencephalographic rhythms are affected by immediately preceding memory demands in cognitively unimpaired elderly and patients with mild cognitive impairment	Frontiers in Aging Neuroscience	10.3389/fnagi.2022.907130	Alba Fernández, NOCE GIUSEPPE, Claudio Del Percio, Diego Pinal, Fernando Díaz, Cristina Lojo-Seoane, Montserrat Zurrón, Claudio Babiloni
L-Ornithine L-Aspartate Restores Mitochondrial Function and Modulates Intracellular Calcium Homeostasis in Parkinson's Disease Models	Cells	10.3390/cells11182909	Maria José Sisalli, Salvatore Della Notte, Agnese Secondo, Carmelo Ventra, Annunziato Lucio, Antonella Scorziello
A phenotypic rescue approach identifies lineage regionalization defects in a mouse model of DiGeorge syndrome	Disease Models & Mechanisms	10.1242/dmm.049415	Gabriella Lania, Franzese Monica, Noritaka Adachi, Marchesa Bilio, Gemma Flore, Annalaura Russo, Erika D'Agostino, Claudia Angelini, Robert G. Kelly, Antonio Baldini
Heart failure and trimethylamine N-oxide: time to transform a 'gut feeling' in a fact?	ESC Heart Failure	10.1002/ehf2.14205 Epub 2022 Oct 13	Giulia Crisci, Muhammad Zubair Israr, Antonio Cittadini, Eduardo Bossone, Toru Suzuki, Salzano Andrea
Prognostic Value of Coronary Calcium Score in Asymptomatic Individuals: A Systematic Review	Journal of Clinical Medicine	10.3390/jcm11195842	TRAMONTANO LIBERATORE, Punzo Bruna, Alberto Clemente, Sara Seitun, Luca Saba, Eduardo Bossone, Erica Maffei, Cavaliere Carlo, Filippo Cademartiri
CBX Family Members in Two Major Subtypes of Renal Cell Carcinoma: A Comparative Bioinformatic Analysis	Diagnostics	10.3390/diagnostics12102452	GRIMALDI ANNA MARIA, AFFINITO ORNELLA, SALVATORE MARCO, Franzese Monica
An innovative approach for the evaluation of prolonged disorders of consciousness using NF-L and GFAP biomarkers: a pivotal study	Scientific Reports	10.1038/s41598-022-21930-w	COPPOLA LUIGI, Mirabelli Peppino, Baldi Dario, Smaledone Giovanni, A. Estraneo, A. Soddu, GRIMALDI ANNA MARIA, MELE GIULIA, SALVATORE MARCO, Cavaliere Carlo
MicroRNAs: diagnostic, prognostic and therapeutic role in heart failure-a review	ESC Heart Failure	10.1002/ehf2.14153	Gargiulo Paola, MARZANO FEDERICA, SALVATORE MARCO, Christian Basile, Davide Buonocore, Antonio Luca Maria Parlati, Ermanno Nardi, Gaetano Asile, Vincenza Abbate, Angela Colella, Alfonsina Chirico, Caterina Marciano, Stefania Paolillo, Pasquale Perrone-Filardi
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
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. Epub 2022 Nov 13.	Giuseppe Fiorentino, Giuditta Benincasa, Antonietta Coppola, Franzese Monica, Anna Annunziata, AFFINITO ORNELLA, Mario Viglietti, Claudio Napoli
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 Epub 2022	Cavaliere Carlo, Luigi Mansi
Unveiling the miRNAs responsive to physical activity/exercise training in cancer: A systematic review	CRITICAL REVIEWS IN ONCOLOGY HEMATOLOGY	10.1016/j.critrevonc.2022.103844	Orlandella Francesca Maria, Anna Elisa De Stefano, BRAILE MARIANTONIA, Neila Luciano, Annamaria Mancini, Franzese Monica, Pasqualina Buono, Salvatore Giuliana

Specific lncRNA signatures discriminate childhood acute leukaemias: a pilot study	Cancer Cell International	10.1186/s12935-022-02789-3	Buono Lorena, iside concetta, Antonia De Matteo, Pio Stellato, Giuliana Beneduce, Roberta Penta de Vera d'Aragnona, Rosanna Parasole, SALVATORE MARCO, Smaidone Giovanni, Mirabelli Peppino
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 Epub 2022 Dec 7	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
Insulin-like growth factor-1 (IGF-1) as predictor of cardiovascular mortality in heart failure patients: data from the T.O.S.C.A. registry	Internal and Emergency Medicine	10.1007/s11739-022-02980-4	De Giorgi A, Marra AM, Iacoviello M, Triggiani V, Rengo G, Cacciatore F, Maiello C, Limongelli G, Masarone D, Perticone F, Filardi PP, Paolillo S, Mancini A, Volterrani M, Vriz O, Castello R, Passantino A, Campo M, Modesti PA, Salzano Andrea, D'Assante R, Arcopinto M, Raparelli V, Fabbian F, Sciacqua A, Colao A, Suzuki T, Bossone E, Cittadini A, T.O.S.C.A. Investigators
Progressive right ventricular dysfunction and exercise impairment in patients with heart failure and diabetes mellitus: insights from the T.O.S.C.A. Registry	Cardiovascular Diabetology	10.1186/s12933-022-01543-3	Salzano Andrea, Roberta D'assante, Massimo Iacoviello, Vincenzo triggiani, Giuseppe Rengo, Francesco Cacciatore, Ciro Maiello, Giuseppe Limongelli, Daniele Masarone, Angela Sciacqua, Pasquale Perrone Filardi, Antonio Mancini, Maurizio Volterrani, Olga Vriz, Roberto Castello, Andrea Passantino, Michela Campo, Pietro A Modesti, Alfredo de Giorgi, Michele Arcopinto, Paola Gargiulo, Maria Perticone, Annamaria Colao, Salvatore Milano, Agnese Garavaglia, Raffaele Napoli, Toru Suzuki, Edoardo Bossone, Alberto M Marra, Antonio Cittadini
Safety and feasibility of upper limb cardiopulmonary exercise test in Friedreich ataxia	European Journal of Preventive Cardiology	10.1093/eurjpc/zwaa134	Pane C, Salzano Andrea, Trinchillo A, Del Prete C, Casali C, Marcotulli C, Defazio G, Guardasole V, Vastarella R, Giallauria F, Puorro G, Marsili A, De Michele G, Filla A, Cittadini A, Saccà F
Testosterone therapy and cardiovascular diseases	CARDIOVASCULAR RESEARCH	10.1093/cvr/cvab241.	Cittadini A, Isidori AM, Salzano Andrea
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
Machine learning can predict mild cognitive impairment in Parkinson's disease	Frontiers in Neurology	10.3389/fneur.2022.1010147	Marianna Amboni, Carlo Ricciardi, Sarah Adamo, NICOLA EMANUELE, Antonio Volzone, Roberto Erro, Sofia Cuoco, Giuseppe Cesarelli, Basso Luca, Giovanni D'Addio, SALVATORE MARCO, Leonardo Pace, Paolo Barone
The use of artificial intelligence systems in diagnosis of pneumonia via signs and symptoms: A systematic review	Biomedical Signal Processing and Control	10.1016/j.bspc.2021.103325	Katy Stokes, CASTALDO ROSSANA, Carlo Federici, Silvio Pagliara, Alessia Maccaro, Francesco Cappuccio, Giuseppe Fico, Marco Salvatore, Franzese Monica, Leandro Pecchia
Impact of COVID-19 pandemic on 2-[18F]FDG PET/CT imaging work-flow in a single medical institution: comparison among the three Italian waves	Heliyon	10.1016/j.heliyon.2022.e08819	Simone Maurea, Claudia Bombace, Ciro Gabriele Mainolfi, Alessandra Annunziata, Ludovica Attanasio, Arnaldo Stanzone, Elide Matano, Brigitta Mucci, Alessandro D'Ambrosio, Claudia Giordano, Petretta Mario, Silvana Del Vecchio, Alberto Cuocolo
Self-Reported Sleep Quality Across Age Modulates Resting-State Functional Connectivity in Limbic and Fronto-Temporo-Parietal Networks: An Exploratory Cross-Sectional fMRI Study	Frontiers in Aging Neuroscience	10.3389/fnagi.2022.806374	Federico Giovanni, Alfano Vincenzo, Federica Garramone, MELE GIULIA, SALVATORE MARCO, AIELLO MARCO, Cavaliere Carlo
Evaluation of a Whole-Liver Dixon-Based MRI Approach for Quantification of Liver Fat in Patients with Type 2 Diabetes Treated with Two Isocaloric Different Diets	Diagnostics	10.3390/diagnostics12020514	Brancato Valentina, Giuseppe Della Pepa, Lutgarda Bozzetto, Marilena Vitale, Giovanni Annuzzi, Basso Luca, Cavaliere Carlo, SALVATORE MARCO, Angela Albarosa Rivellese, Serena Monti
Technical reasoning bolsters cumulative technological culture through convergent transformations	Science Advances	10.1126/sciadv.abl7446	François Osiurak, Nicolas Claidière, Alexandre Bluet, Joël Brogniart, Salomé Lasserre, Timothé Bonhoure, Laura Di Rollo, Néo Gorry, Yohann Polette, Alix Saude, Federico Giovanni, Natalie Uomini, Emmanuelle Reynaud
Deep Learning and Domain-Specific Knowledge to Segment the Liver from Synthetic Dual Energy CT Iodine Scans	Diagnostics	10.3390/diagnostics12030672	Usman Mahmood, David D. B. Bates, Yusuf E. Erdi, MANNELLI LORENZO, Giuseppe Corrias, Christopher Kanan
The visual encoding of graspable unfamiliar objects	PSYCHOLOGICAL RESEARCH-PSYCHOLOGISCHE FORSCHUNG	10.1007/s00426-022-01673-z Epub 2022	Federico Giovanni, François Osiurak, Maria Antonella Brandimonte, SALVATORE MARCO, Cavaliere Carlo
Evaluation of AI-Based Segmentation Tools for COVID-19 Lung Lesions on Conventional and Ultra-low Dose CT Scans	Dose-Response	10.1177/15593258221082896	AIELLO MARCO, Baldi Dario, Giuseppina Esposito, Marika Valentino, Marco Randon, SALVATORE MARCO, Cavaliere Carlo
Variability of regional glucose metabolism and the topology of functional networks in the human brain	NEUROIMAGE	10.1016/j.neuroimage.2022.119280	Alessandro Palombit, Erica Silvestri, Tommaso Volpi, AIELLO MARCO, Diego Cecchin, Alessandra Bertoldo, Maurizio Corbetta
MRI-Based Radiomic Features Help Identify Lesions and Predict Histopathological Grade of Hepatocellular Carcinoma	Diagnostics	10.3390/diagnostics12051085	Brancato Valentina, GARBINO NUNZIA, SALVATORE MARCO, Cavaliere Carlo

Reduction of De Novo Lipogenesis Mediates Beneficial Effects of Isoenergetic Diets on Fatty Liver: Mechanistic Insights from the MEDEA Randomized Clinical Trial	Nutrients	10.3390/nu14102178	Giuseppina Costabile, Giuseppe Della Pepa, Dominic Salamone, Delia Luongo, Daniele Naviglio, Brancato Valentina, Cavaliere Carlo, SALVATORE MARCO, Paola Cipriano, Marilena Vitale, Alessandra Corrado, Angela Albarosa Rivellese, Giovanni Annuzzi, Lutgarda Bozzetto
A Systematic Review of the Current Status and Quality of Radiomics for Glioma Differential Diagnosis	Cancers	10.3390/cancers14112731	Brancato Valentina, Cerrone Marco, Marialuisa Lavitrano, SALVATORE MARCO, Cavaliere Carlo
Prognostic Value of Hybrid PET/MR Imaging in Patients with Differentiated Thyroid Cancer	Cancers	10.3390/cancers14122958	Leandra Piscopo, Carmela Nappi, Fabio Volpe, Valeria Romeo, NICOLA EMANUELE, Rosj Gallicchio, Alessia Giordano, Giovanni Storto, Leonardo Pace, Cavaliere Carlo, SALVATORE MARCO, Alberto Cuocolo, Michele Klain
Rapid, scalable assessment of SARS-CoV-2 cellular immunity by whole-blood PCR	NATURE BIOTECHNOLOGY	10.1038/s41587-022-01347-6	Megan Schwarz, Denis Torre, Daniel Lozano-Ojalvo, Anthony T. Tan, Tommaso Tabaglio, Slim Mzoughi, Rodrigo Sanchez-Tarjuelo, Nina Le Bert, Joey Ming Er Lim, Sandra Hatem, Kevin Tuballes, Carmen Camara, Eduardo Lopez-Granados, Estela Paz-Artal, Rafael Correa-Rocha, Alberto Ortiz, Marcos Lopez-Hoyos, Jose Portoles, Isabel Cervera, Maria Gonzalez-Perez, Irene Bodega-Mayor, Patricia Conde, Jesús Oteo-Iglesias, Alberto M. Borobia, Antonio J. Carcas, Jesús Frías, Cristóbal Belda-Iniesta, Jessica S. Y. Ho, Kemuel Nunez, Saboor Hekmaty, Kevin Mohammed, William M. Marsiglia, Juan Manuel Carreño, Arvin C. Dar, Cecilia Berin, Giuseppe Nicoletti, Isabella Della Noce, Lorenzo Colombo, Cristina Lapucci, Graziano Santoro, Ferrari Maurizio, Kai Nie, Manishkumar Patel, Vanessa Barcessat, Sacha Gnjatich, Jocelyn Harris, Robert Sebra, Miriam Merad, Florian Krammer, Seunghee Kim-schulze, Ivan Marazzi, Antonio Bertoletti, Jordi Ochando, Ernesto Guccione
Improved Survival and Quality of Life Through an Integrative, Multidisciplinary Oncological Approach: Pathophysiological Analysis of Four Clinical Cancer Cases and Review of the Literature	Frontiers in Pharmacology	10.3389/fphar.2022.867907	M. Berretta, Morra Aldo, R. Taibi, F. Monari, N. Maurea, M. Ippolito, U. Tirelli, F. Fiorica, L. Montella, G. Facchini, V. Quagliariello, M. Montopoli
The cortical thickness of the area PF of the left inferior parietal cortex mediates technical-reasoning skills	Scientific Reports	10.1038/s41598-022-15587-8	Federico Giovanni, Emanuelle Reynaud, Jordan Navarro, Mathieu Lesourd, Vivien Gaujoux, Franck Lambertson, Danièle Ibarrola, Cavaliere Carlo, Alfano Vincenzo, AIELLO MARCO, SALVATORE MARCO, Perrine Seguin, Damien Schnebelen, Maria Antonella Brandimonte, Yves Rossetti, François Osiurak
An isoenergetic multifactorial diet reduces pancreatic fat and increases postprandial insulin response in patients with type 2 diabetes: A randomized controlled trial	DIABETES CARE	10.2337/dc22-0605	Giuseppe Della Pepa, Brancato Valentina, Giuseppina Costabile, Dominic Salamone, Alessandra Corrado, Marilena Vitale, Carlo Cavaliere, Marcello Mancini, SALVATORE MARCO, Delia Luongo, Gabriele Riccardi, Angela A. Rivellese, Giovanni Annuzzi, Lutgarda Bozzetto
Artificial Intelligence Applied to Pancreatic Imaging: A Narrative Review	Healthcare	10.3390/healthcare10081511	Maria Elena Laino, Angela Ammirabile, Ludovica Lofino, MANNELLI LORENZO, Francesco Fiz, Marco Francone, Arturo Chiti, Luca Saba, Matteo Agostino Orlandi, Victor Savevski
Is Radiomics Growing towards Clinical Practice?	Journal of Personalized Medicine	10.3390/jpm12091373	AIELLO MARCO
SARS-CoV-2 antibody responses before and after a third dose of the BNT162b2 vaccine in Italian healthcare workers aged <= 60 years: One year of surveillance	Frontiers in Immunology	10.3389/fimmu.2022.947187	Franzese Monica, COPPOLA LUIGI, Romina Silva, Stefano Angelo Santini, Cinquanta Luigi, Ottomano Cosimo, SALVATORE MARCO, INCORONATO MARIAROSARIA
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	doi: 10.1007/s00261-022-03693-0. Epub 2022 Oct 14.	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
Advanced imaging and Crohn's disease: An overview of clinical application and the added value of artificial intelligence	EUROPEAN JOURNAL OF RADIOLOGY	10.1016/j.ejrad.2022.110551	Giovanni Grassi, Maria Elena Laino, Massimo Claudio Fantini, Giovanni Maria Argiolas, Maria Valeria Cherchi, Refky Nicola, Clara Gerosa, Giulia Cerrone, MANNELLI LORENZO, Antonella Balestrieri, Jasjit S. Suri, Alessandro Carriero, Luca Saba
The relationship between radiomics and pathomics in Glioblastoma patients: Preliminary results from a cross-scale association study	Frontiers in Oncology	10.3389/fonc.2022.1005805	Brancato Valentina, Cavaliere Carlo, GARBINO NUNZIA, Francesco Isgrò, SALVATORE MARCO, AIELLO MARCO
The Area Prostriata may play a role in technical reasoning	Behavioral and Brain Functions	10.1186/s12993-022-00200-9	Federico Giovanni, Cavaliere Carlo, Emanuelle Reynaud, SALVATORE MARCO, Maria Antonella Brandimonte, François Osiurak
How to Pseudo-CT: A Comparative Review of Deep Convolutional Neural Network Architectures for CT Synthesis	Applied Sciences-Basel	10.3390/app122211600	Javier Vera-Olmos, Angel Torrado-Carvajal, Carmen Prieto-de-la-Lastra, Onofrio A. Catalano, Yves Rozenholc, Filomena Mazzeo, Soricelli Andrea, SALVATORE MARCO, David Izquierdo-Garcia, Norberto Malpica
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 Loggrosino, Ferrari Maurizio

Bringing cumulative technological culture beyond copying versus reasoning	TRENDS IN COGNITIVE SCIENCES	10.1016/j.tics.2022.09.024 Epub 2022 Oct 22	Osiurak F, Claudière Nv, Federico Giovanni
Solid-state optical properties of self-assembling amyloid-like peptides with different charged states at the terminal ends	Scientific Reports	10.1038/s41598-021-04394-2	Chiara Schiattarella, Carlo Diaferia, GALLO ENRICO, Bartolomeo Della Ventura, Giancarlo Morelli, Luigi Vitagliano, Raffaele Velotta, Antonella Accardo
A Complex Radiomic Signature in Luminal Breast Cancer from a Weighted Statistical Framework: A Pilot Study	Diagnostics	10.3390/diagnostics12020499	CASTALDO ROSSANA, GARBINO NUNZIA, Cavaliere Carlo, INCORONATO MARIAROSARIA, Luca Basso, Renato Cuocolo, Leonardo Pace, SALVATORE MARCO, Franzese Monica, NICOLAI EMANUELE
Exosomal microRNAs synergistically trigger stromal fibroblasts in breast cancer	Molecular Therapy-Nucleic Acids	10.1016/j.omtn.2022.02.013	Iolanda Scognamiglio, Lorenza Cocca, Ilaria Puoti, Francesco Palma, Francesco Ingenito, Cristina Quintavalle, Alessandra Affinito, Giuseppina Roscigno, Nuzzo Silvia, Rosario Vincenzo Chianese, Stefania Belli, Guglielmo Thomas, Timo Schomann, Alan Chan, Maria Patrizia Stoppelli, Gerolama Condorelli
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
Comparative Proteomic Profiling of Secreted Extracellular Vesicles from Breast Fibroadenoma and Malignant Lesions: A Pilot Study	INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES	10.3390/ijms23073989	PANE KATIA, Cristina Quintavalle, Nuzzo Silvia, Francesco Ingenito, Giuseppina Roscigno, Alessandra Affinito, Iolanda Scognamiglio, Birlipat Pattanayak, GALLO ENRICO, Antonella Accardo, Guglielmo Thomas, Zoran Minic, Maxim V. Berezovski, Franzese Monica, Gerolama Condorelli
Multicomponent Hydrogel Matrices of Fmoc-FF and Cationic Peptides for Application in Tissue Engineering	MACROMOLECULAR BIOSCIENCE	10.1002/mabi.202200128	Elisabetta Rosa, Carlo Diaferia, Eliana Gianolio, Teresa Sibillano, GALLO ENRICO, Smaledone Giovanni, Mariano Stornaiuolo, Cinzia Giannini, Giancarlo Morelli, Antonella Accardo
Novel Antimicrobial Strategies to Prevent Biofilm Infections in Catheters after Radical Cystectomy: A Pilot Study	Life-Basel	10.3390/life12060802	Rosa Gaglione, PANE KATIA, Maria De Luca, Franzese Monica, Angela Arciello, Francesco Trama, Stefano Brancorsini, SALVATORE MARCO, Ester Illiano, Elisabetta Costantini
Role of gut microbiota in neuropathy and neuropathic pain states: A systematic preclinical review	NEUROBIOLOGY OF DISEASE	10.1016/j.nbd.2022.105773	PANE KATIA, Serena Boccella, Francesca Guida, Franzese Monica, Sabatino Maione, SALVATORE MARCO
Studies of the hydrophobic interaction between a pyrene-containing dye and a tetra-aza macrocyclic gadolinium complex	Inorganic Chemistry Frontiers	10.1039/d2q00596d	Enza Di Gregorio, Mariangela Boccalon, Chiara Furlan, Eliana Gianolio, Attila Bényei, Aime Silvio, Zsolt Baranyai, Giuseppe Ferrauto
Discovering Common miRNA Signatures Underlying Female-Specific Cancers via a Machine Learning Approach Driven by the Cancer Hallmark ERBB	Biomedicines	10.3390/biomedicines10061306	PANE KATIA, Zanfardino Mario, GRIMALDI ANNA MARIA, Gustavo Baldassarre, SALVATORE MARCO, INCORONATO MARIAROSARIA, Franzese Monica
Identification of functional pathways and molecular signatures in neuroendocrine neoplasms by multi-omics analysis	Journal of Translational Medicine	10.1186/s12967-022-03511-7	Viola Melone, Annamaria Salvati, Domenico Palumbo, Giorgio Giurato, Giovanni Nassa, Francesca Rizzo, Luigi Palo, Alessandro Giordano, INCORONATO MARIAROSARIA, Mario Vitale, Caterina Mian, Immacolata Di Biase, Stefano Cristiano, Viviana Narciso, Monica Cantile, Annabella Di Mauro, Fabiana Tatangelo, Salvatore Tafuto, Roberta Modica, Claudia Pivonello, SALVATORE MARCO, Annamaria Colao, Alessandro Weisz, Roberta Tarallo
SIRT1 pharmacological activation rescues vascular dysfunction and prevents thrombosis in MTHFR deficiency	CELLULAR AND MOLECULAR LIFE SCIENCES	10.1007/s00018-022-04429-5	Albino Carrizzo, iside concetta, Angela Nebbioso, Vincenzo Carafa, Antonio Damato, Sebastiano Sciarretta, Giacomo Frati, Flavio Di Nonno, Valentina Valenti, Michele Ciccarelli, Eleonora Venturini, Mariarosaria Scioli, Paola Di Pietro, Tommaso Bucci, Valentina Giudice, Marianna Storto, Bianca Serio, Annibale Alessandro Puca, Giuseppe Giugliano, Valentina Trimarco, Raffaele Izzo, Bruno Trimarco, Carmine Selleri, Lucia Altucci, Carmine Vecchione
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
Evolution of intra-tumoral heterogeneity across different pathological stages in papillary thyroid carcinoma	Cancer Cell International	10.1186/s12935-022-02680-1	AFFINITO ORNELLA, Orlandella Francesca Maria, Neila Luciano, SALVATORE MARCO, SALVATORE GIULIANA, Franzese Monica
An Investigation on Radiomics Feature Handling for HNSCC Staging Classification	Applied Sciences-Basel	10.3390/app12157826	Nadia Brancati, Massimo La Rosa, Giuseppe De Pietro, Giusy Esposito, Marika Valentino, AIELLO MARCO, SALVATORE MARCO
Immunomodulatory and Antiaging Mechanisms of Resveratrol, Rapamycin, and Metformin: Focus on mTOR and AMPK Signaling Networks	Pharmaceuticals	10.3390/ph15080912	Vincenzo Sorrenti, Francesca Benedetti, Alessandro Burianni, Fortinguerra Stefano, Giada Caudullo, Sergio Davinelli, Davide Zella, Giovanni Scapagnini
Role of Transmembrane Water Exchange in Glioma Invasion/Migration: In Vivo Preclinical Study by Relaxometry at Very Low Magnetic Field	Cancers	10.3390/cancers14174180	Maria Rosaria Ruggiero, Hamza Ait Itto, Simona Baroni, Sandra Pierre, Jean Boutonnat, Lionel M. Broche, Aime Silvio, François Berger, Simonetta Geninatti Crich, Hana Lahrech

Selection of RNA aptamers targeting hypoxia in cancer	Frontiers in Molecular Biosciences	10.3389/fmolb.2022.956935	Nuzzo Silvia, Margherita Iaboni, Maria Luigia Ibba, Anna Rienzo, Domenica Musumeci, Franzese Monica, Giuseppina Roscigno, Alessandra Affinito, Gianluca Petrillo, Cristina Quintavalle, Giuseppe Ciccone, Carla Lucia Esposito, Silvia Catuogno
Comparison of current methods for anti-dsDNA antibody detection and reshaping diagnostic strategies	SCANDINAVIAN JOURNAL OF IMMUNOLOGY	10.1111/sji.13220	Maria Infantino, Boaz Palterer, Giulia Previtali, Maria-Grazia Alessio, Danilo Villalta, Teresa Carbone, Stefan Platzgummer, Giusi Paura, Caterina Castiglione, Martina Fabris, Giampaola Pesce, Brunetta Porcelli, Lucia Terzuoli, Maria-Romana Bacarelli, Mariilina Tampoia, Cinquanta Luigi, Ignazio Brusca, Francesca Buzzolini, Maurizio Benucci, Matteo Tortora, Lorenzo Tronchin, Valerio Guarrasi, Paolo Soda, Mariangela Manfredi, Nicola Bizzaro
In Vivo MRI-CEST Tumor pH Imaging Detects Resistance to Proton Pump Inhibitors in Human Prostate Cancer Murine Models	Cancers	10.3390/cancers14194916	Pietro Irrera, Lorena Consolino, Miriam Roberto, Martina Capozza, Chetan Dhakan, Antonella Carella, Alessia Corrado, Daisy Villano, Annasofia Anemone, Victor Navarro-Tableros, Martina Bracesco, Walter Dastrù, Aime Silvio, Dario Livio Longo
Machine learning improves the accuracy of graft weight prediction in living donor liver transplantation	LIVER TRANSPLANTATION	10.1002/lt.26578	Mariano Cesare Giglio, Zanfardino Mario, Franzese Monica, Hazem Zakaria, Salah Alobthani, Ahmed Zidan, Islam Ismail Ayoub, Hany Abdelmeguid Shoreem, Boram Lee, Ho-Seong Han, Andrea Della Penna, Silvio Nadalin, Roberto Ivan Troisi, Dieter Clemens Broering
³¹ P ParaCEST: ³¹ P MRI-CEST Imaging Based on the Formation of a Ternary Adduct between Inorganic Phosphate and Eu-DO3A	INORGANIC CHEMISTRY	10.1021/acs.inorgchem.2c03329	Giulia Vassallo, Francesca Garello, Aime Silvio, Enzo Terreno, Daniela Delli Castelli
Incorporation of PEG Diacrylates (PEGDA) Generates Hybrid Fmoc-FF Hydrogel Matrices	Gels	10.3390/gels8120831	Elisabetta Rosa, GALLO ENRICO, Teresa Sibillano, Cinzia Giannini, Serena Rizzuti, Eliana Gianolio, Pasqualina Liana Scognamiglio, Giancarlo Morelli, Antonella Accardo, Carlo Diaferia
A Framework of Analysis to Facilitate the Harmonization of Multicenter Radiomic Features in Prostate Cancer.	Journal of Clinical Medicine	10.3390/jcm12010140	CASTALDO ROSSANA, Brancato Valentina, Cavaliere Carlo, Trama F, Illiano E, Costantini E, Ragozzino A, SALVATORE MARCO, NICOLAI EMANUELE, Franzese Monica
Emerging technology: a definition for laboratory medicine	CLINICAL CHEMISTRY AND LABORATORY MEDICINE	10.1515/ccim-2022-0929	Greaves RF, Kricka L, Gruson D, Martin H, Ferrari Maurizio, Bernardini S
Urinary miRNAs as a Diagnostic Tool for Bladder Cancer: A Systematic Review	Biomedicines	10.3390/biomedicines10112766	GRIMALDI ANNA MARIA, Cristina Lapucci, SALVATORE MARCO, INCORONATO MARIAROSARIA, Ferrari Maurizio
Cardiac magnetic resonance predictors of left ventricular remodelling following acute ST elevation myocardial infarction: The VavirimS study	INTERNATIONAL JOURNAL OF CARDIOLOGY	10.1016/j.ijcard.2022.11.006	Silvia Pica, Gabriele Crimi, Serenella Castelvecchio, Vittorio Pazzanese, Anna Palmisano, Massimo Lombardi, Lara Tondi, Antonio Esposito, Pietro Ameri, Claudia Canale, Alberto Cappelletti, Luca P. Alberti, Davide Tavano, Rita Camporotondo, Ilaria Costantino, Jenness Campodonico, Gianluca Pontone, Alessandra Villani, Gianluca Pio Gallone, Rocco A. Montone, Giampaolo Niccoli, Paola Gargiulo, Punzo Bruna, Marco Vicenzi, Stefano Carugo, Lorenzo Menicanti, Giuseppe Ambrosio, Paolo G. Camici
Quantitative MRI Harmonization to Maximize Clinical Impact: The RIN - Neuroimaging Network	Frontiers in Neurology	10.3389/fneur.2022.855125	Anna Nigri, Stefania Ferraro, Claudia A. M. Gandini Wheeler-Kingshott, Michela Tosetti, Alberto Redolfi, Gianluigi Forloni, Egidio D'Angelo, Domenico Aquino, Laura Biagi, Paolo Bosco, Irene Carne, Silvia De Francesco, Greta Demichelis, Ruben Gianeri, Maria Marcella Lagana, Edoardo Micotti, Antonio Napolitano, Fulvia Palesi, Alice Pirastru, Giovanni Savini, Elisa Alberici, Carmelo Amato, Filippo Arrigoni, Francesca Baglio, Marco Bozzali, Antonella Castellano, Cavaliere Carlo, Valeria Elisa Contarino, Giulio Ferrazzi, Simona Gaudino, Silvia Marino, Vittorio Manzo, Luigi Pavone, Letterio S. Politi, Luca Roccatagliata, Elisa Rognone, Andrea Rossi, Caterina Tonon, Raffaele Lodi, Fabrizio Tagliavini, Maria Grazia Bruzzone
Italian adaptation of the Uniform Data Set Neuropsychological Test Battery (I-UDSNB 1.0): development and normative data	Alzheimers Research & Therapy	10.1186/s13195-022-01056-x	Conca F, Esposito V, Rundo F, Quaranta D, Muscio C, Manenti R, Caruso G, Lucca U, Galbusera AA, Di Tella S, Baglio F, L'Abbate F, Canu E, Catania V, Filippi M, Mattavelli G, Poletti B, Silani V, Lodi R, De Matteis M, Stanzani Maserati M, Arighi A, Rotondo E, Tanzilli A, Pace A, Garramone F, Cavaliere Carlo, Pardini M, Rizzetto C, Sorbi S, Perri R, Tiraboschi P, Canessa N, Cotelli M, Ferri R, Weintraub S, Marra C, Tagliavini F, Catricalà E, Cappa SF