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Titolo	Testata	DOI	Autori
A multi-parametric PET/MRI study of breast cancer Evaluation of DCE-MRI pharmacokinetic models and correlation with diffusion and functional parameters	NMR IN BIOMEDICINE	10.1002/nbm.4026	Inglese Marianna, Cavaliere Carlo, Monti Serena, Forte Ernesto, Incoronato Mariarosaria, Nicolai Emanuele, Salvatore Marco, Aiello Marco
Aptamer-miR-34c Conjugate Affects Cell Proliferation of Non-Small-Cell Lung Cancer Cells	Molecular Therapy-Nucleic Acids	10.1016/j.omtn.2018.09.016	Russo Valentina, Paciocco Alessia, Affinito Alessandra, Roscigno Giuseppina, Fiore Danilo, Palma Francesco, Galasso Marco, Volinia Stefano, Fiorelli Alfonso, Esposito Carla Lucia, Nuzzo Silvia, Inghirami Giorgio, de Francisic Vittorio, Condorelli Gerolama
Carcinogenesis and reactive oxygen species signaling Interaction of the NADPH oxidase NOX1-5 and superoxide dismutase 1-3 signal transduction pathways	ANTIOXIDANTS & REDOX SIGNALING	10.1089/ars.2017.7268	Parascandolo Alessia, Laukkanen Mikko
Comparison of Navigator Triggering Reduced Field of View and Large Field of View Diffusion-Weighted Imaging of the Pancreas	JOURNAL OF COMPUTER ASSISTED TOI	10.1097/RCT.0000000000000778	Mannelli Lorenzo, Monti Serena, Corrias Giuseppe, Fung Maggie M., Nyman Charles, Golia Pernicka Jennifer S., Do Richard K.G.
Complete metabolic response to therapy of hepatic epithelioid hemangioendothelioma evaluated with 18F-fluorodeoxyglucose positron emission tomography/contrast-enhanced computed tomography: A CARE case report	MEDICINE	10.1097/MD.00000000000012795	Giancipoli R.G., Monti Serena, Basturk O., Klimstra D., Keohan M.L., Schillaci O., Corrias G., Sawan P., Mannelli L.
DCE-MRI pharmacokinetic-based phenotyping of invasive ductal carcinoma A radiomic study for prediction of histological outcomes	Contrast Media & Molecular Imaging	10.1155/2018/5076269	Monti Serena, Aiello Marco, Incoronato Mariarosaria, Grimaldi Anna Maria, Moscarino Michela, Mirabelli Peppino, Ferbo Umberto, Cavaliere Carlo, Salvatore Marco
Designing Dual Transglutaminase 2/Histone Deacetylase Inhibitors Effective at Halting Neuronal Death	ChemMedChem	10.1002/cmdc.201700601	Basso Manuela, Chen Huan Huan, Tripathy Debasmita, Conte Mariarosaria, Apperley Kim Y.P., De Simone Angela, Keillor Jeffrey W., Ratan Rajiv, Nebbioso Angela, Sarno Federica, Altucci Lucia, Milelli Andrea
Detection of recurrent pancreatic cancer value of second-opinion interpretations of cross-sectional images by subspecialized radiologists	Abdominal Radiology	10.1007/s00261-018-1765-z	Castellanos Sandra Huicochea, Corrias Giuseppe, Ulaner Gary A., Dunphy Mark, Junting Zheng, Capanu Marinela, Balachandran Vinod, Giancipoli Romina Grazia, Monti Serena, Mannelli Lorenzo
Dixon-VIBE Deep Learning (DIVIDE) Pseudo-CT Synthesis for Pelvis PET/MR Attenuation Correction	JOURNAL OF NUCLEAR MEDICINE	10.2967/jnumed.118.209288	Torrado-Carvajal Angel, Vera-Olmos Javier, Izquierdo-Garcia David, Catalano Onofrio Antonio, Morales Manuel Antonio, Margolin Justin, Soricelli Andrea, Salvatore Marco, Malpica Norberto, Catana Ciprian
Domain communication in Thermotoga maritima Arginine Binding Protein unraveled through protein dissection	INTERNATIONAL JOURNAL OF BIOLOGI	10.1016/j.ijbiomac.2018.07.172	Smaldone Giovanni, Balasco Nicole, Vigorita Marilisa, Ruggiero Alessia, Cozzolino Serena, Berisio Rita, Del Vecchio Pompea, Graziano Giuseppe, Vitagliano Luigi
Domain swapping dissection in Thermotoga maritima arginine binding protein How structural flexibility may compensate destabilization	BIOCHIMICA ET BIOPHYSICA ACTA-PRC	10.1016/j.bbapap.2018.05.016	Smaldone Giovanni, Berisio Rita, Balasco Nicole, D'Auria Sabato, Vitagliano Luigi, Ruggiero Alessia
Epigenetic Hallmarks of Fetal Early Atherosclerotic Lesions in Humans	JAMA Cardiology	10.1001/jamacardio.2018.3546	De Nigris Filomena, Cacciatore Francesco, Mancini Francesco P., Vitale Dino F., Mansueto Gelsomina, D'Armiento Francesco P., Schiano Concetta, Soricelli Andrea, Napoli Claudio
Fine mapping of 2q35 high-risk neuroblastoma locus reveals independent functional risk variants and suggests full-length BARD1 as tumor-suppressor	INTERNATIONAL JOURNAL OF CANCER	10.1002/ijc.31822	Cimmino Flora, Avitabile Marianna, Diskin Sharon J., Vaksman Zalman, Pignataro Piero, Formicola Daniela, Cardinale Antonella, Testori Alessandro, Koster Jan, de Torres Carmen, Devoto Marcella, Maris John M., Iolascon Achille, Capasso Mario
Forskolin sensitizes human acute myeloid leukemia cells to H3K27me2/3 demethylases GSKJ4 inhibitor via Protein Kinase A	Frontiers in Pharmacology	10.3389/fphar.2018.00792	Illiano Michela, Conte Mariarosaria, Sapio Luigi, Nebbioso Angela, Spina Annamaria, Altucci Lucia, Naviglio Silvio
HDAC inhibitors as epigenetic regulators for cancer immunotherapy	INTERNATIONAL JOURNAL OF BIOCHEM	10.1016/j.biocel.2018.03.004	Conte Mariarosaria, De Palma Raffaele, Altucci Lucia
HLA-G and anti-HCV in patients on the waiting list for kidney transplantation	Advances in Medical Sciences	10.1016/j.advms.2018.04.004	Sommese Linda, Paolillo Rossella, Cacciatore Francesco, Grimaldi Vincenzo, Sabia Chiara, Esposito Antonella, Sorriento Antonio, Iannone Carmela, Rupealta Nicol�, Sarno Gerardo, Santangelo Michele, De Rosa Paride, Nicoletti Gianfranco, Napoli Claudio
Identification of long non-coding RNA expression patterns useful for molecular-based classification of type I endometrial cancers	ONCOLOGY REPORTS	10.3892/or.2018.6880	Ravo Maria, Cordella Angela, Saggese Pasquale, Rinaldi Antonio, Castaldi Maria Antonietta, Nassa Giovanni, Giurato Giorgio, Zullo Fulvio, Weisz Alessandro, Tarallo Roberta, Rizzo Francesca, Guida Maurizio
Identification of Novel Cryptic Multifunctional Antimicrobial Peptides from the Human Stomach Enabled by a Computational-Experimental Platform	ACS Synthetic Biology	10.1021/acssynbio.8b00084	PANE KATIA, Cafaro Valeria, Avitabile Angela, Torres Marcelo Der Torossian, Vollaro Adriana, De Gregorio Eliana, Catania Maria Rosaria, Di Maro Antimo, Bosso Andrea, Gallo Giovanni, Zanfardino Anna, Varcamonti Mario, Pizzo Elio, Di Donato Alberto, Lu Timothy K., De La Fuente-Nunez Cesar, Notomista Eugenio
Imaging features of malignant abdominal neuroendocrine tumors with rare presentation	CLINICAL IMAGING	10.1016/j.clinimag.2018.02.004	Corrias Giuseppe, Monti Serena, Horvat Natally, Tang Laura, Basturk Olca, Saba Luca, Mannelli Lorenzo
Inter-patient image registration algorithms to disentangle regional dose bioeffects	Scientific Reports	10.1038/s41598-018-23327-0	Monti Serena, Pacelli Roberto, Cella Laura, Palma Giuseppe
Local structural motifs in proteins Detection and characterization of fragments inserted in helices	INTERNATIONAL JOURNAL OF BIOLOGI	10.1016/j.ijbiomac.2018.07.047	Balasco Nicole, Smaldone Giovanni, Ruggiero Alessia, De Simone Alfonso, Vitagliano Luigi
Molecular signatures of the insulin-like growth factor 1-mediated epithelial-mesenchymal transition in breast, lung and gastric cancers	INTERNATIONAL JOURNAL OF MOLECU	10.3390/ijms19082411	Cevenini Armando, Orr� Stefania, Mancini Annamaria, Alfieri Andreina, Buono Pasqualina, Imperlini Esther
New challenges in integrated diagnosis by imaging and osteo-immunology in bone lesions	Expert Review of Clinical Immunology	10.1080/1744666X.2019.1561283	Schiano Concetta, Soricelli Andrea, de Nigris Filomena, Napoli Claudio
Performance of FDG-PET/CT in solitary pulmonary nodule based on pre-test likelihood of malignancy: results from the ITALIAN retrospective multicenter trial	EUROPEAN JOURNAL OF NUCLEAR MEI	10.1007/s00259-018-4016-1	Evangelista L., Cuocolo A., Pace L., Mansi L., Del Vecchio S., Miletto P., Sanfilippo S., Pellegrino S., Guerra L., Pepe G., Peluso G., Salvatore Marco, Galicchio R., Zuffante M., Annunziata S., Farsad M., Chiaravalloti A., Spadafora M.
Protein aggregation of the p63 transcription factor underlies severe skin fragility in AEC syndrome	PROCEEDINGS OF THE NATIONAL ACAA	10.1073/pnas.1713773115	Russo Claudia, Osterburg Christian, Sirico Anna, Antonini Dario, Ambrosio Raffaele, W�lcz Julia Maren, Rinnenthal J�rg, Ferniani Marco, Kehroesser Sebastian, Sch�lfer Birgit, G�ntert Peter, Sinha Satrajit, D�ttsch Volker, Missero Caterina
Relationship between functional imaging and immunohistochemical markers and prediction of breast cancer subtype a PET/MRI study	EUROPEAN JOURNAL OF NUCLEAR MEI	10.1007/s00259-018-4010-7	Incoronato Mariarosaria, Grimaldi Anna Maria, Cavaliere Carlo, Inglese Marianna, Mirabelli Peppino, Monti Serena, Ferbo Umberto, Nicolai Emanuele, Soricelli Andrea, Catalano Onofrio Antonio, Aiello Marco, Salvatore Marco
Repeated transarterial chemoembolization with degradable starch microspheres (DSMs-TACE) of unresectable hepatocellular carcinoma A prospective pilot study	Current Medical Imaging Reviews	10.2174/1573405613666170616123657	Orlacchio Antonio, Chegai Fabrizio, Francioso Simona, Merolla Stefano, Monti Serena, Angelico Mario, Tisone Giuseppe, Mannelli Lorenzo
Risk-related 18F-FDG PET/CT and new diagnostic strategies in patients with solitary pulmonary nodule: the ITALIAN multicenter trial	EUROPEAN JOURNAL OF NUCLEAR MEI	10.1007/s00259-018-4043-y	Spadafora M., Pace L., Evangelista L., Mansi L., Del Prete F., Saladini G., Miletto P., Fanti S., Del Vecchio S., Guerra L., Pepe G., Peluso G., Nicolai Emanuele, Storto G., Ferdeghini M., Giordano A., Farsad M., Schillaci O., Gridelli C., Cuocolo A.
Simultaneous PET/MRI in assessing the response to chemo/radiotherapy in head and neck carcinoma initial experience	MEDICAL ONCOLOGY	10.1007/s12032-018-1170-z	Romeo Valeria, Iorio Brigida, Mesoletta Massimo, Ugga Lorenzo, Verde Francesco, Nicolai Emanuele, Covello Mario
State of the art in magnetic resonance imaging of hepatocellular carcinoma	Radiology and Oncology	10.2478/raon-2018-0044	Horvat Natally, Monti Serena, Oliveira Brunna Clemente, Rocha Camila Carlos Tavares, Giancipoli Romina Grazia, Mannelli Lorenzo

Structure-activity relationships, biological evaluation and structural studies of novel pyrrolonaphthoxazepines as antitumor agents	EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY	10.1016/j.ejmech.2018.11.004	Brindisi Margherita, Olivieri Cristina, Alfano Gloria, Gemma Sandra, de Asís Balaguer Francisco, Khan Tuhina, Grillo Alessandro, Chemi Giulia, Menchon Grzegory, Prota Andrea E., Olieric Natacha, Lucena-Agell Daniel, Barasoain Isabel, Diaz J. Fernando, Nebbioso Angela, Conte Mariarosaria, Lopresti Ludovica, Magnano Stefania, Amet Rebecca, Kinsella Paula, Zisterer Daniela M., Ibrahim Ola, O'Sullivan Jeff, Morbidelli Lucia, Spaccapelo Roberta, Baldari Cosima, Butini Stefania, Novellino Ettore, Campiani Giuseppe, Altucci Lucia, Steinmetz Michel O., Brogi Simone
The Circadian Clock Regulates Metabolic Phenotype Rewiring Via HKDC1 and Modulates Tumor Progression and Drug Response in Colorectal Cancer	EBioMedicine	10.1016/j.ebiom.2018.07.002	Fuhr Luise, El-Athman Rukeia, Scrima Rosella, Cela Olga, Carbone Annalucia, Knoop Henning, Li Yin, Hoffmann Karen, Laukkanen Mikko, Corcione Francesco, Steuer Ralf, Meyer Thomas F., Mazzoccoli Gianluigi, Capitano Nazzareno, Relógio Angela
The essential player in adipogenesis GRP78 is a novel KCTD15 interactor	INTERNATIONAL JOURNAL OF BIOLOGICAL CELL RESEARCH	10.1016/j.ijbiomac.2018.04.078	Smaldone Giovanni, Pirone Luciano, Capolupo Angela, Vitagliano Luigi, Monti Maria Chiara, Di Gaetano Sonia, Pedone Emilia
Treatment-related Focal Nodular Hyperplasia Mimicking Liver Metastases	JOURNAL OF PEDIATRIC HEMATOLOGY	10.1097/MPH.0000000000001362	Laino Maria Elena, Monti Serena, Klimstra David S, Tang Laura H, Mannelli Lorenzo
Using overbooking to manage no-shows in an Italian healthcare center	BMC HEALTH SERVICES RESEARCH	10.1186/s12913-018-2979-z	Parente Chiara Anna, Salvatore Domenico, Gallo Giampiero Maria, Cipollini Fabrizio
A case of coronary arterio-venous fistula The role of cardiac computed tomography	Journal of Thoracic Disease	10.21037/jtd.2018.08.69	Forte Ernesto, Infante Teresa, Baldi Dario, Salvatore Marco, Cademartiri Filippo, Cavaliere Carlo
Advanced imaging in pulmonary hypertension emerging techniques and applications	INTERNATIONAL JOURNAL OF CARDIOLOGY	10.1007/s10554-018-1448-4	Rengier Fabian, Melzig Claudius, Derlin Thorsten, Marra Alberto Maria, Vogel-Clausen Jens
Analysis of characteristics and outcomes by growth hormone treatment duration in adult patients in the Italian cohort of the Hypopituitary Control and Complications Study (HypoCCS)	JOURNAL OF ENDOCRINOLOGICAL INVESTIGATION	10.1007/s40618-018-0860-x	Rochira V., Mossetto G., Jia N., Cannavo S., Beck-Peccoz P., Aimaretti G., Ambrosio M. R., Di Somma Carolina, Losa M., Ferone D., Lubrano C., Scaroni C., Giampietro A., Corsello S. M., Poggi M.
Association between Mediterranean diet and hand grip strength in older adult women	CLINICAL NUTRITION	10.1016/j.clnu.2018.03.012	Barrea Luigi, Muscogiuri Giovanna, Di Somma Carolina, Tramontano Giovanni, De Luca Vincenzo, Illario Maddalena, Colao Annamaria, Savastano Silvia
Biomarkers in Pulmonary Hypertension	Heart Failure Clinics	10.1016/j.hfc.2018.03.005	Marra Alberto Maria, Bossone Eduardo, Salzano Andrea, D'ASSANTE ROBERTA, Monaco Federica, Ferrara Francesco, Arcopinto Michele, Vriz Olga, Suzuki Toru, Cittadini Antonio
Coffee consumption, metabolic syndrome and clinical severity of psoriasis Good or bad stuff?	ARCHIVES OF TOXICOLOGY	10.1007/s00204-018-2193-0	Barrea Luigi, Muscogiuri Giovanna, Di Somma Carolina, Annunziata Giuseppe, Megna Matteo, Falco Andrea, Balato Anna, Colao Annamaria, Savastano Silvia
Comprehensive effects of left ventricular assist device speed changes on alveolar gas exchange, sleep ventilatory pattern, and exercise performance	JOURNAL OF HEART AND LUNG TRANSPLANTATION	10.1016/j.healun.2018.07.005	Apostolo A., Paolillo Stefania, Contini M., Vignati C., Tarzia V., Campodonico J., Mapelli M., Massetti M., Bejko J., Righini F., Bottio T., Bonini N., Salvioni E., Gugliandolo P., Parati G., Lombardi C., Gerosa G., Salvi L., Alamanni F., Agostoni P.
Compromised nutritional status in patients with end-stage liver disease Role of gut microbiota	Hepatobiliary & Pancreatic Diseases International	10.1016/j.hbpd.2018.06.004	Vasco Maria, Paolillo Rossella, Schiano Concetta, Sommese Linda, Cuomo Oreste, Napoli Claudio
Coronary Atherosclerotic Precursors of Acute Coronary Syndromes	JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY	10.1016/j.jacc.2018.02.079	Chang H.-J., Lin F.Y., Lee S.-E., Andreini D., Bax J., Cademartiri Filippo, Chinnaiyan K., Chow B.J.W., Conte E., Cury R.C., Feuchtnner G., Hadamitzky M., Kim Y.-J., Leipsic J., Maffei E., Marques H., Plank F., Pontone G., Raff G.L., van Rosendaal A.R., Villines T.C., Weirich H.G., Al'Aref S.J., Baskaran L., Cho I., Danad I., Han D., Heo R., Lee J.H., Rivzi A., Stuijzand W.J., Gransar H., Lu Y., Sung J.M., Park H.-B., Berman D.S., Budoff M.J., Samady H., Shaw L.J., Stone P.H., Virmani R., Narula J., Min J.K.
Correction to Cadmium exposure alters steroid receptors and proinflammatory cytokine levels in endothelial cells in vitro: a potential mechanism of endocrine disruptor atherogenic effect (Journal of Endocrinological Investigation, (2018), 10.1007/s40618-018-0982-1)	JOURNAL OF ENDOCRINOLOGICAL INVESTIGATION	10.1007/s40618-018-0994-x	Fittipaldi Simona, Bimonte V. M., Soricelli Andrea, Aversa A., Lenzi A., Greco E. A., Migliaccio S.
Critical role of phosphodiesterase 2A in mouse congenital heart defects	CARDIOVASCULAR RESEARCH	10.1093/cvr/cvy030	Assenza Maria Rita, Barbagallo Federica, Barrios Florencia, Cornacchione Marisa, Campolo Federica, Vivarelli Elisabetta, Gianfrilli Daniele, Auletta Luigi, Soricelli Andrea, Isidori Andrea M., Lenzi Andrea, Pellegrini Manuela, Naro Fabio
CT Myocardial Perfusion Imaging A New Frontier in Cardiac Imaging	Biomed Research International	10.1155/2018/7295460	Seitun Sara, De Lorenzi Cecilia, Cademartiri Filippo, Buscaglia Angelo, Travaglio Nicole, Balbi Manrico, Bezante Gian Paolo
Decompensated right heart failure, intensive care and perioperative management in patients with pulmonary hypertension Updated recommendations from the Cologne Consensus Conference 2018	INTERNATIONAL JOURNAL OF CARDIOLOGY	10.1016/j.ijcard.2018.08.081	Olsson Karen M., Halank Michael, Egenlauf Benjamin, Fistera David, Gall Henning, Kaehler Christian, Kortmann Kathrin, Kramm Thorsten, Lichtblau Mona, Marra Alberto Maria, Nagel Christian, Sablotzki Armin, Seyfarth Hans Jürgen, Schranz Dietmar, Ulrich Silvia, Hoepfer Marius M., Lange Tobias J.
Early Cardiac involvement affects left ventricular longitudinal function in females carrying α -galactosidase a mutation role of hybrid positron emission tomography and magnetic resonance imaging and speckle-tracking echocardiography	Circulation-Cardiovascular Imaging	10.1161/CIRCIMAGING.117.007019	Spinelli Letizia, Imbriaco Massimo, Nappi Carmela, Nicolai Emanuele, Giugliano Giuseppe, Ponsiglione Andrea, Diomaiuti Tommaso Claudio, Riccio Eleonora, Duro Giovanni, Pisani Antonio, Trimarco Bruno, Cuocolo Alberto
Effects of Statins on Coronary Atherosclerotic Plaques: The PARADIGM Study	JACC-Cardiovascular Imaging	10.1016/j.jcmg.2018.04.015	Lee S.-E., Chang H.-J., Sung J.M., Park H.-B., Heo R., Rizvi A., Lin F.Y., Kumar A., Hadamitzky M., Kim Y.J., Conte E., Andreini D., Pontone G., Budoff M.J., Gottlieb I., Lee B.K., Chun E.J., Cademartiri Filippo, Maffei E., Marques H., Leipsic J.A., Shin S., Choi J.H., Chinnaiyan K., Raff G., Virmani R., Samady H., Stone P.H., Berman D.S., Narula J., Shaw L.J., Bax J.J., Min J.K.
ERS statement on exercise training and rehabilitation in patients with severe chronic pulmonary hypertension	EUROPEAN RESPIRATORY JOURNAL	10.1183/13993003.00332-2018	Grønig Ekkehard, Eichstaedt Christina, Barberán Joan-Albert, Benjamin Nicola, Blanco Isabel, Bossone Eduardo, Cittadini Antonio, Coghlan Gerry, Corris Paul, D'Alto Michele, D'Andrea Antonello, Delcroix Marion, de Man Frances, Gaine Sean, Ghio Stefano, Gibbs Simon, Gumbiene Lina, Howard Luke S, Johnson Martin, Jurevičienė Elena, Kiely David G, Kovacs Gabor, MacKenzie Alison, Marra Alberto Maria, McCaffrey Noel, McCaughey Paul, Naeije Robert, Olschewski Horst, Pepke-Zaba Joanna, Reis Abílio, Santos Mário, Saxer Stéphane, Tulloh Robert M, Ulrich Silvia, Noordegraaf Anton Vonk, Peacock Andrew J
Exercise Training and Rehabilitation in Pulmonary Hypertension	Heart Failure Clinics	10.1016/j.hfc.2018.03.008	Benjamin Nicola, Marra Alberto Maria, Eichstaedt Christina, Grønig Ekkehard
Exercise-Induced Pulmonary Hypertension Translating Pathophysiological Concepts Into Clinical Practice	CHEST	10.1016/j.chest.2018.01.022	Naeije Robert, Saggar Rajeev, Badesch David, Rajagopalan Sanjay, Gargani Luna, Rischard Franz, Ferrara Francesco, Marra Alberto Maria, D'Alto Michele, Bull Todd M., Saggar Rajan, Grønig Ekkehard, Bossone Eduardo
General measures and supportive therapy for pulmonary arterial hypertension Updated recommendations from the Cologne Consensus Conference 2018	INTERNATIONAL JOURNAL OF CARDIOLOGY	10.1016/j.ijcard.2018.08.085	Grønig Ekkehard, Benjamin Nicola, Kröger Ulrich, Kaemmerer Harald, Harutyunova Satenik, Olsson Karen M., Ulrich Silvia, Gerhardt Felix, Neurohr Claus, Sablotzki Armin, Halank Michael, Marra Alberto Maria, Kabitz Hans Joachim, Thimm Günther, Fliegel Klaus Günther, Klose Hans
Growth Hormone Therapy in Heart Failure	Heart Failure Clinics	10.1016/j.hfc.2018.05.002	Salzano Andrea, Marra Alberto Maria, D'ASSANTE ROBERTA, Arcopinto Michele, Suzuki Toru, Bossone Eduardo, Cittadini Antonio
Heart rate during exercise: mechanisms, behavior, and therapeutic and prognostic implications in heart failure patients with reduced ejection fraction	HEART FAILURE REVIEWS	10.1007/s10741-018-9712-1	Paolillo Stefania, Agostoni P., De Martino F., Ferrazzano F., Marsico F., Gargiulo Paola, Pirozzi E., Marciano C., Dellegrattaglia S., Perrone Filardi P.
IDEAL-IQ in an oncologic population Meeting the challenge of concomitant liver fat and liver iron	CANCER IMAGING	10.1186/s40644-018-0167-3	Eskreis-Winkler Sarah, Corrias Giuseppe, Monti Serena, Zheng Junting, Capanu Marinela, Krebs Simone, Fung Maggie, Reeder Scott, Mannelli Lorenzo
Image Quality and Dose Reduction by Dual Source Computed Tomography Coronary Angiography Protocol Comparison	Dose-Response	10.1177/1559325818805838	Forte Ernesto, Monti Serena, Parente Chiara Anna, Beyer Lukas, De Rosa Roberto, Infante Teresa, Cavaliere Carlo, Cademartiri Filippo, Salvatore Marco, Stroszczyński Christian, Tedeschi Carlo

Impact of Non-obstructive left main disease on the progression of coronary artery disease	Journal of Cardiovascular Computed Tc 10.1016/j.jcct.2018.05.011	Weir-McCall Jonathan R., Blanke Philipp, Sellers Stephanie L., Ahmadi Amir A., Andreini Daniele, Budoff Matthew J., Cademartiri Filippo, Chinnaiyan Kavitha, Choi Jung Hyun, Chun Eun Ju, Conte Edoardo, Gottlieb Ilan, Hadamitzky Martin, Kim Yong Jin, Lee Byoung Kwon, Lee Sang Eun, Maffei Erica, Marques Hugo, Pontone Gianluca, Raff Gilbert L., Shin Sanghoon, Sung Ji Min, Stone Peter, Samady Habib, Virmani Renu, Narula Jagat, Berman Daniel S., Shaw Leslee J., Bax Jeroen J., Lin Fay Y., Min James K., Chang Hyuk Jae, Leipsic Jonathon A.
Incidence of pulmonary hypertension and determining factors in patients with systemic sclerosis	EUROPEAN RESPIRATORY JOURNAL 10.1183/13993003.01197-2017	Gerry Coghlan J., Wolf Matthias, Distler Oliver, Denton Christopher P., Doelberg Martin, Harutyunova Satenik, Marra Alberto Maria, Benjamin Nicola, Fischer Christine, Gr̄z̄nig Ekkehard
Incremental prognostic value of coronary computed tomography angiography over coronary calcium scoring for major adverse cardiac events in elderly asymptomatic individuals	European Heart Journal-Cardiovascular 10.1093/ehjci/jex150	Han D., Hartaigh B.̄z̄., Gransar H., Lee J.H., Rizvi A., Baskaran L., Schulman-Marcus J., Dunning A., Achenbach S., Al-Mallah M.H., Berman D.S., Budoff M.J., Cademartiri Filippo, Maffei E., Callister T.Q., Chinnaiyan K., Chow B.J.W., Delago A., Hadamitzky M., Hausleiter J., Kaufmann P.A., Raff G., Shaw L.J., Villines T.C., Kim Y.-J., Leipsic J., Feuchtner G., Cury R.C., Pontone G., Andreini D., Marques H., Rubinshtein R., Hindoyan N., Jones E.C., Gomez M., Lin F.Y., Chang H.-J., Min J.K.
Influence of image reconstruction parameters on cardiovascular risk reclassification by Computed Tomography Coronary Artery Calcium Score	EUROPEAN JOURNAL OF RADIOLOGY 10.1016/j.ejrad.2018.01.005	Mantini Cesare, Maffei Erica, Toia Patrizia, Ricci Fabrizio, Seitun Sara, Clemente Alberto, Malaḡz̄ Roberto, Runza Giuseppe, La Grutta Ludovico, Midiri Massimo, Cotroneo Antonio Raffaele, Forte Ernesto, Cademartiri Filippo
Influence of symptom typicality for predicting MACE in patients without obstructive coronary artery disease: From the CONFIRM Registry (Coronary Computed Tomography Angiography Evaluation for Clinical Outcomes: An International Multicenter Registry)	CLINICAL CARDIOLOGY 10.1002/clc.22940	Lee J.H., Han D., Hartaigh B.̄z̄., Gransar H., Lu Y., Rizvi A., Park M.W., Roudsari H.M., Stuijzand W.J., Berman D.S., Callister T.Q., DeLago A., Hadamitzky M., Hausleiter J., Al-Mallah M.H., Budoff M.J., Kaufmann P.A., Raff G., Chinnaiyan K., Cademartiri Filippo, Maffei E., Villines T.C., Kim Y.-J., Leipsic J., Feuchtner G., Pontone G., Andreini D., Marques H., Rubinshtein R., Achenbach S., Shaw L.J., Chang H.-J., Bax J., Chow B., Cury R.C., Gomez M., Jones E.C., Lin F.Y., Min J.K., Pēz̄a J.M.
Innovative imaging methods in heart failure a shifting paradigm in cardiac assessment. Position statement on behalf of the Heart Failure Association of the European Society of Cardiology	EUROPEAN JOURNAL OF HEART FAILURE 10.1002/ehjhf.1330	̄z̄elutkien̄z̄ Jelena, Plymen Carla M., Flachskampf Frank A., de Boer Rudolf A., Grapsa Julia, Manka Robert, Anderson Lisa, Garbi Madalina, Barberis Vassilis, Filardi Pasquale Perrone, Gargiulo Paola, Zamorano Jose Luis, Lainscak Mitja, Seferovic Petar, Ruschitzka Frank, Rosano Giuseppe M.C., Nihoyannopoulos Petros
Klinefelter syndrome, insulin resistance, metabolic syndrome, and diabetes review of literature and clinical perspectives	ENDOCRINE 10.1007/s12020-018-1584-6	Salzano Andrea, D'ASSANTE ROBERTA, Heaney Liam M., Monaco Federica, Rengo Giuseppe, Valente Pietro, Pasquali Daniela, Bossone Eduardo, Gianfrilli Daniele, Lenzi Andrea, Cittadini Antonio, Marra Alberto Maria, Napoli Raffaele
Label-Free Quantitative Proteomics in a Methylmalonyl-CoA Mutase-Silenced Neuroblastoma Cell Line	INTERNATIONAL JOURNAL OF MOLECULAR CELLULAR PHYSIOLOGY 10.3390/ijms19113580	Costanzo Michele, Cevenini Armando, Marchese Emanuela, Imperlini Esther, Raia Maddalena, Del Vecchio Luigi, Caterino Marianna, Ruoppolo Margherita
Letter to the Editor: "Cardiometabolic Biomarkers and Their Temporal Patterns Predict Poor Outcome in Chronic Heart Failure (Bio-SHIFT Study)"	JOURNAL OF CLINICAL ENDOCRINOLOGY 10.1210/jc.2018-02043	Salzano Andrea, Marra Alberto Maria, Bossone Eduardo, Suzuki Toru, Cittadini Antonio
Longitudinal assessment of coronary plaque volume change related to glycemic status using serial coronary computed tomography angiography: A PARADIGM (Progression of Atherosclerotic Plaque Determined by Computed Tomographic Angiography Imaging) substudy	Journal of Cardiovascular Computed Tc 10.1016/j.jcct.2018.12.002	Won K.-B., Lee S.-E., Lee B.K., Park H.-B., Heo R., Rizvi A., Lin F.Y., Kumar A., Hadamitzky M., Kim Y.-J., Sung J.M., Conte E., Andreini D., Pontone G., Budoff M.J., Gottlieb I., Chun E.J., Cademartiri Filippo, Maffei E., Marques H., Leipsic J.A., Shin S., Choi J.H., Virmani R., Samady H., Chinnaiyan K., Raff G.L., Stone P.H., Berman D.S., Narula J., Shaw L.J., Bax J.J., Min J.K., Chang H.-J.
Long-term prognostic value of low-dose normal stress-only myocardial perfusion imaging by wide beam reconstruction A competing risk analysis	JOURNAL OF NUCLEAR CARDIOLOGY 10.1007/s12350-018-1373-x	Nappi Carmela, Acampa Wanda, Nicolai Emanuele, Daniele Stefania, Zampella Emilia, Assante Roberta, Gaudieri Valeria, Mannarino Teresa, Petretta Mario, Cuocolo Alberto
Maximization of the usage of coronary CTA derived plaque information using a machine learning based algorithm to improve risk stratification; insights from the CONFIRM registry	Journal of Cardiovascular Computed Tc 10.1016/j.jcct.2018.04.011	van Rosendaal A.R., Maliakal G., Kolli K.K., Beecy A., Al'Aref S.J., Dwivedi A., Singh G., Panday M., Kumar A., Ma X., Achenbach S., Al-Mallah M.H., Andreini D., Bax J.J., Berman D.S., Budoff M.J., Cademartiri Filippo, Callister T.Q., Chang H.-J., Chinnaiyan K., Chow B.J.W., Cury R.C., DeLago A., Feuchtner G., Hadamitzky M., Hausleiter J., Kaufmann P.A., Kim Y.-J., Leipsic J.A., Maffei E., Marques H., Pontone G., Raff G.L., Rubinshtein R., Shaw L.J., Villines T.C., Gransar H., Lu Y., Jones E.C., Pēz̄a J.M., Lin F.Y., Min J.K.
MRI liver fat quantification in an oncologic population the added value of complex chemical shift-encoded MRI	CLINICAL IMAGING 10.1016/j.clinimag.2018.08.002	Corrias Giuseppe, Krebs Simone, Eskreis-Winkler Sarah, Ryan Davinia, Zheng Junting, Capanu Marinela, Saba Luca, Monti Serena, Fung Maggie, Reeder Scott, Mannelli Lorenzo
Multiple hormonal and metabolic deficiency syndrome in chronic heart failure	Internal and Emergency Medicine 10.1007/s11739-018-1844-8	Investigators TOSCA, Bossone E, Arcopinto M, Iacoviello M, Triggiani V, Cacciatore F, Maiello C, Limongelli G, Masarone D, Perticone F, Sciacqua A, Perrone-Filardi P, Mancini A, Volterrani M, Vriz O, Castello R, Passantino A, Campo M, Modesti P A, De Giorgi A, Monte I, Puzzo A, Ballotta A, Caliendo L, D'ASSANTE ROBERTA, Marra Alberto Maria, Salzano A, Suzuki T, Cittadini A
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Novel epigenetic-sensitive clinical challenges both in type 1 and type 2 diabetes	JOURNAL OF DIABETES AND ITS COMPLICATIONS 10.1016/j.jdiacomp.2018.08.012	Sommese Linda, Benincasa Giuditta, Lanza Michele, Sorriento Antonio, Schiano Concetta, Lucchese Roberta, Alfano Roberto, Nicoletti Giovanni Francesco, Napoli Claudio
Obesity and sleep disturbance the chicken or the egg?	CRITICAL REVIEWS IN FOOD SCIENCE AND TECHNOLOGY 10.1080/10408398.2018.1506979	Muscogiuri Giovanna, Barrea Luigi, Annunziata Giuseppe, Di Somma Carolina, Laudisio Daniela, Colao Annamaria, Savastano Silvia
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Potential clinical benefits of cell therapy in coronary heart disease	Journal of Thoracic Disease 10.21037/jtd.2018.04.149	Grimaldi Vincenzo, Zullo Alberto, Donatelli Francesco, Mancini Francesco Paolo, Cacciatore Francesco, Napoli Claudio
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Prognostic relevance of subclinical coronary and carotid atherosclerosis in a diabetic and nondiabetic asymptomatic population	CLINICAL CARDIOLOGY 10.1002/clc.22952	Guaricci A.I., Lorenzoni V., Guglielmo M., Mushtaq S., Muscogiuri G., Cademartiri Filippo, Rabbat M., Andreini D., Serviddio G., Gaibazzi N., Pepi M., Pontone G.
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Quantification of Coronary Atherosclerosis in the Assessment of Coronary Artery Disease	Circulation-Cardiovascular Imaging	10.1161/CIRCIMAGING.117.007562	Lee Sang-Eun, Sung Ji Min, Rizvi Asim, Lin Fay Y, Kumar Amit, Hadamitzky Martin, Kim Yong-Jin, Conte Edoardo, Andreini Daniele, Pontone Gianluca, Budoff Matthew J, Gottlieb Ilan, Lee Byoung Kwon, Chun Eun Ju, Cademartiri Filippo, Maffei Erica, Marques Hugo, Leipsic Jonathon A, Shin Sanghoon, Hyun Choi Jung, Chinnaiyan Kavitha, Raff Gilbert, Virmani Renu, Samady Habib, Stone Peter H, Berman Daniel S, Narula Jagat, Shaw Leslee J, Bax Jeroen J, Min James K, Chang Hyuk-Jae
Quantification of epicardial fat with cardiac CT angiography and association with cardiovascular risk factors in symptomatic patients From the ALTER-BIO (alternative cardiovascular bio-imaging markers) registry	Diagnostic and Interventional Radiolog	10.5152/dir.2018.18037	Milanese Gianluca, Silva Mario, Bruno Livia, Goldoni Matteo, Benedetti Giorgio, Rossi Enrica, Ferrari Caterina, La Grutta Ludovico, Maffei Erica, Toia Patrizia, Forte Ernesto, Bonadonna Riccardo C., Sverzellati Nicola, Cademartiri Filippo
Reduced right ventricular output reserve in patients with systemic sclerosis and mildly elevated pulmonary arterial pressures	Arthritis & Rheumatology	10.1002/art.40814	Nagel Christian, Marra Alberto Maria, Benjamin Nicola, Blank Norbert, Cittadini Antonio, Coghlan Gerry, Distler Oliver, Denton Christopher P, Egenlauf Benjamin, Fiehn Christoph, Fischer Christine, Harutyunova Satenik, Hoepfer Marius M, Lorenz Hanns-Martin, Xanthouli Panagiota, Bossone Eduardo, Grözniġ Ekkehard
Reference ranges and determinants of tricuspid regurgitation velocity in healthy adults assessed by two-dimensional doppler-echocardiography	RESPIRATION	10.1159/000490191	Marra Alberto Maria, Naeije Robert, Ferrara Francesco, Vriz Olga, Stanzola Anna Agnese, D'Alto Michele, D'Andrea Antonello, Carannante Luca, Eichstaedt Christina Alessandra, Cittadini Antonio, Benjamin Nicola, Grözniġ Ekkehard, Bossone Eduardo
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Right heart size and function significantly correlate in patients with pulmonary arterial hypertension - A cross-sectional study	RESPIRATORY RESEARCH	10.1186/s12931-018-0913-x	Fischer Lukas, Benjamin Nicola, Blank Norbert, Egenlauf Benjamin, Fischer Christine, Harutyunova Satenik, Koegler Maria, Lorenz Hanns Martin, Marra Alberto Maria, Nagel Christian, Xanthouli Panagiota, Bossone Eduardo, Grözniġ Ekkehard
Right ventricular size and function under riocigat in pulmonary arterial hypertension and chronic thromboembolic pulmonary hypertension (the RIVER study) 11 Medical and Health Sciences 1102 Cardiorespiratory Medicine and Haematology	RESPIRATORY RESEARCH	10.1186/s12931-018-0957-y	Marra Alberto Maria, Halank Michael, Benjamin Nicola, Bossone Eduardo, Cittadini Antonio, Eichstaedt Christina A., Egenlauf Benjamin, Harutyunova Satenik, Fischer Christine, Gall Henning, Ghofrani Hossein Ardeschir, Hoepfer Marius M., Lange Tobias J., Olsson Karen M., Klose Hans, Grözniġ Ekkehard
Role of functional beverages on sport performance and recovery	Nutrients	10.3390/nu10101470	Orrù Stefania, Imperlini Esther, Nigro Ersilia, Alfieri Andreina, Cevenini Armando, Polito Rita, Daniele Aurora, Buono Pasqualina, Mancini Annamaria
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Statin therapy modulates thickness and inflammatory profile of human epicardial adipose tissue	INTERNATIONAL JOURNAL OF CARDIOI	10.1016/j.ijcard.2018.06.106	Parisi Valentina, Petraglia Laura, D'Esposito Vittoria, Cabaro Serena, Rengo Giuseppe, Caruso Aurelio, Grimaldi Maria Gabriella, Baldascino Francesco, De Bellis Antonio, Vitale Dino, Formisano Roberto, Ferro Adele, Paolillo Stefania, Davin Laurent, Lancellotti Patrizio, Formisano Pietro, Perrone Filardi Pasquale, Ferrara Nicola, Leosco Dario
Steato-Score Non-Invasive Quantitative Assessment of Liver Fat by Ultrasound Imaging	ULTRASOUND IN MEDICINE AND BIOLC	10.1016/j.ultrasmedbio.2018.03.011	Di Lascio Nicole, Avigo Cinzia, Salvati Antonio, Martini Nicola, Ragucci Monica, Monti Serena, Prinster Anna, Chiappino Dante, Mancini Marcello, D'Elia Domenico, Ghiadoni Lorenzo, Bonino Ferruccio, Brunetto Maurizia R., Fata Francesco
The basis for personalized anti-atherosclerotic cardiovascular medical therapy Role of atherosclerosis imaging with cardiac computed tomography	European Heart Journal-Cardiovascular	10.1093/ehjci/jey059	Cademartiri Filippo, Maffei Erica, Saba Luca
The Internal Medicine and Assessment of Gender Differences in Europe (IMAGINE) The new European Federation of Internal Medicine initiative on sex and gender medicine	European Journal of Internal Medicine	10.1016/j.ejim.2018.02.003	Marra Alberto Maria, Biskup Ewelina, Raparelli Valeria, IMAGINE working group
The lullaby of the sun the role of vitamin D in sleep disturbance	SLEEP MEDICINE	10.1016/j.sleep.2018.10.033	Muscogiuri Giovanna, Barrea Luigi, Scannapieco Marianna, Di Somma Carolina, Scacchi Massimo, Aimaretti Gianluca, Savastano Silvia, Colao Annamaria, Marzullo Paolo
The Right Heart International Network (RIGHT-NET): Rationale, Objectives, Methodology, and Clinical Implications	Heart Failure Clinics	10.1016/j.hfc.2018.03.010	Ferrara F., Gargani L., Armstrong W.F., Agoston G., Cittadini A., Citro R., D'Alto M., D'Andrea A., Dellegrottaglie S., De Luca N., Di Salvo G., Ghio S., Grözniġ E., Guazzi M., Kasprzak J.D., Kolias T.J., Kovacs G., Lancellotti P., La Gerche A., Limongelli G., Marra Alberto Maria, Moreo A., Ostenfeld E., Pieri F., Pratali L., Rudski L.G., Saggar R., Scalese M., Selton-Suty C., Serra W., Stanzola A.A., Voilliot D., Vriz O., Naeije R., Bossone E.
Transcription alterations of KCNQ1 associated with imprinted methylation defects in the Beckwith-Wiedemann locus	GENETICS IN MEDICINE	10.1038/s41436-018-0416-7	Valente Federica Maria, Sparago Angela, Freschi Andrea, Hill-Harfe Katherine, Maas Saskia M., Frints Suzanna Gerarda Maria, Alders Marielle, Pignata Laura, Franzese Monica, Angelini Claudia, Carli Diana, Mussa Alessandro, Gazzin Andrea, Gabbarini Fulvio, Acurzio Basilia, Ferrero Giovanni Battista, Bliet Jet, Williams Charles A., Riccio Andrea, Cerrato Flavia
Trimethylamine-N-oxide (TMAO) as novel potential biomarker of early predictors of metabolic syndrome	Nutrients	10.3390/nu10121971	Barrea Luigi, Annunziata Giuseppe, Muscogiuri Giovanna, Di Somma Carolina, Laudisio Daniela, Maisto Maria, de Alteriis Giulia, Tenore Gian Carlo, Colao Annamaria, Savastano Silvia
Update on extended treatment for venous thromboembolism	ANNALS OF MEDICINE	10.1080/07853890.2018.1538564	Peç��aloza-Mart��nez Eduardo, Demelo-Rodr��guez Pablo, Proietti Marco, Soria Fern��ndez-Llamazares Guillermo, Llamazares-Mendo Cristina, ��lvarez-Sala Walther Luis, Marra Alberto Maria, del Toro-Cervera Jorge
Usefulness of baseline statin therapy in nonobstructive coronary artery disease by coronary computed tomographic angiography: From the CONFIRM (COronary CT Angiography Evaluation for Clinical Outcomes: An InteRnational Multicenter) study	PLoS One	10.1371/journal.pone.0207194	Cho Y.-K., Nam C.-W., Koo B.-K., Schulman-Marcus J., Hartaigh B.��., Gransar H., Lu Y., Achenbach S., Al-Mallah M., Andreini D., Bax J.J., Budoff M.J., Cademartiri Filippo, Callister T.Q., Chang H.-J., Chinnaiyan K., Chow B.J.W., Cury R.C., Delago A., Feuchtner G., Hadamitzky M., Hausleiter J., Kaufmann P.A., Kim Y.-J., Leipsic J., Maffei E., Marques H., Pontone G., Raff G.L., Rubinshtein R., Shaw L.J., Villines T.C., Berman D.S., Jones E.C., Peç��a J.M., Lin F.Y., Min J.K.
Water intake keeps type 2 diabetes away? Focus on copeptin	ENDOCRINE	10.1007/s12020-018-1680-7	Muscogiuri Giovanna, Barrea Luigi, Annunziata Giuseppe, Vecchiarini Martina, Orio Francesco, Di Somma Carolina, Colao Annamaria, Savastano Silvia
3q29 microduplication in a small family with complex metabolic phenotype from Southern Italy	CLINICAL CHEMISTRY AND LABORATOF	10.1515/ccim-2017-1090	Vitale Andrea, Labruna Giuseppe, Mancini Annamaria, Alfieri Andreina, Iaffaldano Laura, Nardelli Carmela, Pasanisi Fabrizio, Pastore Lucio, Buono Pasqualina, Lombardo Barbara
Abnormalities of Resting State Cortical EEG Rhythms in Subjects with Mild Cognitive Impairment Due to Alzheimer's and Lewy Body Diseases	JOURNAL OF ALZHEIMERS DISEASE	10.3233/JAD-170703	Babiloni C., DEL PERCIO CLAUDIO, Lizio R., Noce Giuseppe, Lopez S., Soricelli Andrea, Ferri R., Pascarelli M.T., Catania V., Nobili F., Arnaldi D., Fam�� F., Aarsland D., Orzi F., Buttinelli C., Giubilei F., Onofri M., Stocchi F., Vacca L., Stirpe P., Fuhr P., Gschwandtner U., Ransmayr G., Garn H., Fraioli L., Pievani M., Frisoni G.B., D'Antonio F., De Lena C., G��ntekin B., Hanolu L., Ba��ar E., Yener G., Emek-Sava�� D.D., Triggiani A.I., Franciotti R., Taylor J.P., De Pandis M.F., Bonanni L.
Acute and long-term NCX activation reduces brain injury and restores behavioral functions in mice subjected to neonatal brain ischemia	NEUROPHARMACOLOGY	10.1016/j.neuropharm.2018.03.017	Cerullo Pierpaolo, Brancaccio Paola, anzilotti serenella, Vinciguerra Antonio, Cuomo Ornella, Fiorino Ferdinando, Severino Beatrice, Di Vaio Paola, Di Renzo Gianfranco, Annunziato Lucio, Pignataro Giuseppe
Amnesic Mild Cognitive Impairment Is Associated With Frequency-Specific Brain Network Alterations in Temporal Poles	Frontiers in Aging Neuroscience	10.3389/fnagi.2018.00400	Jacini Francesca, Sorrentino Pierpaolo, Lardone Anna, Rucco Rosaria, Baselice Fabio, Cavaliere Carlo, Aiello Marco, Orsini Mario, Iavarone Alessandro, Manzo Valentino, Carotenuto Anna, Granata Carmine, Hillebrand Arjan, Sorrentino Giuseppe
Avolition-Apathy and White Matter Connectivity in Schizophrenia Reduced Fractional Anisotropy Between Amygdala and Insular Cortex	CLINICAL EEG AND NEUROSCIENCE	10.1177/1550059417745934	Amodio Antonella, Quarantelli Mario, Mucci Armida, Prinster Anna, Soricelli Andrea, Vignapiano Annarita, Giordano Giulia Maria, Merlotti Eleonora, Nicita Alessia, Galderisi Silvana
Clinical impact of coronal-STIR sequence in a routine lumbar spine MR imaging protocol to investigate low back pain	MEDICINE	10.1097/MD.0000000000010789	Romeo Valeria, Cavaliere Carlo, Sorrentino Carmine, Ponsiglione Andrea, Ugga Lorenzo, Barbuto Luigi, Verde Francesco, Covello Mario
D-Aspartate treatment attenuates myelin damage and stimulates myelin repair	EMBO Molecular Medicine	10.15252/emmm.201809278	de Rosa Valeria, Secondo Agnese, Pannaccione Anna, Ciccone Roselia, Formisano Luigi, guida natascia, Crispino Roberta, Fico Annalisa, Polishchuk Roman, D'Aniello Antimo, Annunziato Lucio, Boscia Francesca

Determinants of deep gray matter atrophy in multiple sclerosis A multimodal MRI study	AMERICAN JOURNAL OF NEURORADIOLOGY	10.3174/ajnr.A5915	Pontillo G., Lanzillo R., Russo C., Stasi M. D., Paoletta C., Vola E. A., Criscuolo C., Borrelli Pasquale, Palma G., Tedeschi E., Morra X. V.B., Elefante X. A., Brunetti X. A., Coccoza Sirio
Different abnormalities of cortical neural synchronization mechanisms in patients with mild cognitive impairment due to Alzheimer's and chronic kidney diseases: An EEG study	JOURNAL OF ALZHEIMERS DISEASE	10.3233/JAD-180245	Lizio R., Babiloni C., DEL PERCIO CLAUDIO, Losurdo A., Vernizzi L., De Tommaso M., Montemurro A., Dalfino G., Cirillo P., Soricelli Andrea, Ferri R., Noce Giuseppe, Pascarelli M.T., Catania V., Nobili F., Famizzi F., Orzi F., Giubilei F., Buttinelli C., Triggiani A.I., Frisoni G.B., Scisci A.M., Mastrofilippo N., Procaccini D.A., Gesualdo L.
Fronto-Temporal Circuits in Musical Hallucinations A PET-MR Case Study	Frontiers in Human Neuroscience	10.3389/fnhum.2018.00385	Cavaliere Carlo, Longarzo Mariachiara, Orsini Mario, Aiello Marco, Grossi Dario
Functional connectivity of the ventral tegmental area and avolition in subjects with schizophrenia a resting state functional MRI study	EUROPEAN NEUROPSYCHOPHARMAC	10.1016/j.euroneuro.2018.03.013	Giordano Giulia Maria, Stanziano Mario, Papa Michele, Mucci Armida, Prinster Anna, Soricelli Andrea, Galderisi Silvana
Functional cortical source connectivity of resting state electroencephalographic alpha rhythms shows similar abnormalities in patients with mild cognitive impairment due to Alzheimer's and Parkinson's diseases	CLINICAL NEUROPHYSIOLOGY	10.1016/j.clinph.2018.01.009	Babiloni C., DEL PERCIO CLAUDIO, Lizio R., Noce Giuseppe, Lopez S., Soricelli Andrea, Ferri R., Pascarelli M.T., Catania V., Nobili F., Arnaldi D., Famizzi F., Orzi F., Buttinelli C., Giubilei F., Bonanni L., Franciotti R., Onofri M., Stirpe P., Fuhr P., Gschwandtner U., Ransmayr G., Garn H., Fraioli L., Pievani M., D'Antonio F., De Lena C., Glezntekin B., Hanozlu L., Bažar E., Yener G., Emek-Savaç D.D., Triggiani A.I., Taylor J.P., De Pandis M.F., Vacca L., Frisoni G.B., Stocchi F.
Functional Magnetic Resonance Imaging of Inhibitory Control Reveals Decreased Blood Oxygen Level Dependent Effect in Cerebral Autosomal Dominant Arteriopathy With Subcortical Infarcts and Leukoencephalopathy	STROKE	10.1161/STROKEAHA.118.022923	Gioele Gavazzi, Orsolini Stefano, Salvadori Emilia, Bianchi Andrea, Rossi Arianna, Donnini Ida, Rinnoci Valentina, Pescini Francesca, Diciotti Stefano, Viggiano Maria Pia, Mascalchi Mario, Pantoni Leonardo
High Prevalence of Spinal Magnetic Resonance Imaging Findings in Asymptomatic Young Adults (18-22 Yrs) Candidate to Air Force Flight	SPINE	10.1097/BRS.0000000000002961	Romeo Valeria, Covello Mario, Salvatore Elena, Parente Chiara Anna, Abbenante Domenico, Biselli Roberto, Ciriello Mattia, Musolino Pasquale, Salvatore Marco, Cangiano Alessandro
Histogram analysis of dti-derived indices reveals pontocerebellar degeneration and its progression in SCA2	PLoS One	10.1371/journal.pone.0200258	Mascalchi Mario, Marzi Chiara, Giannelli Marco, Ciulli Stefano, Bianchi Andrea, Ginestroni Andrea, Tessa Carlo, Nicolai Emanuele, Aiello Marco, Salvatore Elena, Soricelli Andrea, Diciotti Stefano
Hybrid PET/MRI Methodology	International Review of Neurobiology	10.1016/bs.irn.2018.07.026	Aiello Marco, Cavaliere Carlo, Marchitelli Rocco, d'Albore Antonio, De Vita Enrico, Salvatore Marco
Impulsivity trait and proactive cognitive control An fMRI study	EUROPEAN JOURNAL OF NEUROSCIENCE	10.1111/ejn.14301	Gioele Gavazzi, Rossi Arianna, Orsolini Stefano, Diciotti Stefano, Giovannelli Fabio, Salvadori Emilia, Pantoni Leonardo, Mascalchi Mario, Viggiano Maria Pia
Ionic homeostasis maintenance in ALS Focus on new therapeutic targets	Frontiers in Neuroscience	10.3389/fnins.2018.00510	Sirabella Rossana, Valsecchi Valeria, anzilotti serenella, Cuomo Ornella, Vinciguerra Antonio, Cepparulo Pasquale, Brancaccio Paola, guida natascia, Blondeau Nicolas, Canzoniero Lorella M.T., Franco Cristina, Amoroso Salvatore, Annunziato Lucio, Pignataro Giuseppe
Left inferior frontal cortex can compensate the inhibitory functions of right inferior frontal cortex and pre-supplementary motor area	Journal of Neuropsychology	10.1111/jnp.12170	Gioele Gavazzi, Lenge Matteo, Bartolini Emanuele, Bianchi Andrea, Agovi Herdis, Mugnai Francesca, Guerrini Renzo, Giordano Flavio, Viggiano Maria Pia, Mascalchi Mario
Levodopa may affect cortical excitability in Parkinson's disease patients with cognitive deficits as revealed by reduced activity of cortical sources of resting state electroencephalographic rhythms	NEUROBIOLOGY OF AGING	10.1016/j.neurobiolaging.2018.08.010	Babiloni C., DEL PERCIO CLAUDIO, Lizio R., Noce Giuseppe, Lopez S., Soricelli Andrea, Ferri R., Pascarelli M.T., Catania V., Nobili F., Arnaldi D., Famizzi F., Orzi F., Buttinelli C., Giubilei F., Bonanni L., Franciotti R., Onofri M., Stirpe P., Fuhr P., Gschwandtner U., Ransmayr G., Fraioli L., Parnetti L., Farotti L., Pievani M., D'Antonio F., De Lena C., Glezntekin B., Hanozlu L., Yener G., Emek-Savaç D.D., Triggiani A.I., Taylor J.P., McKeith I., Stocchi F., Vacca L., Frisoni G.B., De Pandis M.F.
Models and methods for conditioning the ischemic brain	JOURNAL OF NEUROSCIENCE METHOD	10.1016/j.jneumeth.2018.09.029	Vinciguerra Antonio, Cuomo Ornella, Cepparulo Pasquale, anzilotti serenella, Brancaccio Paola, Sirabella Rossana, guida natascia, Annunziato Lucio, Pignataro Giuseppe
MRI features suggestive of gadolinium retention do not correlate with Expanded Disability Status Scale worsening in Multiple Sclerosis	NEURORADIOLOGY	10.1007/s00234-018-02150-4	Coccoza Sirio, Pontillo Giuseppe, Lanzillo Roberta, Russo Camilla, Petracca Maria, Di Stasi Martina, Paoletta Chiara, Vola Elena Augusta, Criscuolo Chiara, Moccia Marcello, Lamberti Anna, Monti Serena, Brescia Morra Vincenzo, Elefante Andrea, Palma Giuseppe, Tedeschi Enrico, Brunetti Arturo
Multimodal neuroimaging approach to variability of functional connectivity in disorders of consciousness A PET/MRI pilot study	Frontiers in Neurology	10.3389/fneur.2018.00861	Cavaliere Carlo, Kandeepan Sivayini, Aiello Marco, De Paula Demetrius Ribeiro, Marchitelli Rocco, Fiorenza Salvatore, Orsini Mario, Trojano Luigi, Masotta Orsola, Lawrence Keith St, Loreto Vincenzo, Chronik Blaine Alexander, Nicolai Emanuele, Soddu Andrea, Estraneo Anna
NCX1 and NCX3 as potential factors contributing to neurodegeneration and neuroinflammation in the A53T transgenic mouse model of Parkinson's Disease article	Cell Death & Disease	10.1038/s41419-018-0775-7	Sirabella Rossana, Sisalli Maria Josè, Costa Giulia, Omura Katia, Ianniello Gaetano, Pinna Annalisa, Morelli Micaela, Di Renzo Gianfranco Maria, Annunziato Lucio, Scorziello Antonella
Neuroinflammation in Neurodegenerative Diseases Current Multi-modal Imaging Studies and Future Opportunities for Hybrid PET/MRI	NEUROSCIENCE	10.1016/j.neuroscience.2018.07.033	Aiello Marco, Cavaliere Carlo, Fiorenza Dario, Duggento Andrea, Passamonti Luca, Toschi Nicola
Plasma Aβ42 as Biomarker of Prodromal Alzheimer's Disease Progression in Patients with Amnesic Mild Cognitive Impairment	JOURNAL OF ALZHEIMERS DISEASE	10.3233/JAD-180321	Albani Diego, Marizzoni Moira, Ferrari Clarissa, Fusco Federica, Boeri Lucia, Raimondi Ilaria, Jovicich Jorge, Babiloni Claudio, Soricelli Andrea, Lizio Roberta, Galluzzi Samantha, Cavaliere Libera, Didic Mira, Schiznknecht Peter, Molinuevo Josè Luis, Nobili Flavio, Parnetti Lucilla, Payoux Pierre, Bocchio Luisella, Salvatore Marco, Rossini Paolo Maria, Tsolaki Magda, Visser Pieter Jelle, Richardson Jill C, Wiltfang Jens, Bordet Rçgis, Blin Olivier, Forloni Gianluigi, Frisoni Giovanni B, Consortium PharmaCog
Preconditioning, induced by sub-toxic dose of the neurotoxin L-BMAA, delays ALS progression in mice and prevents Na+/ Ca2+ exchanger 3 downregulation	Cell Death & Disease	10.1038/s41419-017-0227-9	anzilotti serenella, Brancaccio Paola, Simeone Giuseppe, Valsecchi Valeria, Vinciguerra Antonio, Secondo Agnese, Petrozziello Tiziana, guida natascia, Sirabella Rossana, Cuomo Ornella, Cepparulo Pasquale, Herchuelz Andrç, Amoroso Salvatore, Di Renzo Gianfranco, Annunziato Lucio, Pignataro Giuseppe
Predicting and Tracking Short Term Disease Progression in Amnesic Mild Cognitive Impairment Patients with Prodromal Alzheimer's Disease	JOURNAL OF ALZHEIMERS DISEASE	10.3233/JAD-180152	Consortium PharmaCog, Marizzoni Moira, Ferrari Clarissa, Jovicich Jorge, Albani Diego, Babiloni Claudio, Cavaliere Libera, Didic Mira, Forloni Gianluigi, Galluzzi Samantha, Hoffmann Karl-Titus, Molinuevo Josè Luis, Nobili Flavio, Parnetti Lucilla, Payoux Pierre, Ribaldi Federica, Rossini Paolo Maria, Schiznknecht Peter, Soricelli Andrea, Hensch Tilman, Tsolaki Magda, Visser Pieter Jelle, Wiltfang Jens, Richardson Jill C, Bordet Rçgis, Blin Olivier, Frisoni Giovanni B
Resveratrol treatment reduces the vulnerability of SH-SY5Y cells and cortical neurons overexpressing SOD1-G93A to Thimerosal toxicity through SIRT1/DREAM/PDYN pathway	NEUROTOXICOLOGY	10.1016/j.neuro.2018.11.009	Laudati Giusy, Mascolo Luigi, guida natascia, Sirabella Rossana, Pizzorusso Vincenzo, Bruzzaniti Sara, Serani Angelo, Di Renzo Gianfranco, Canzoniero Lorella M.T., Formisano Luigi
Simultaneous resting-state FDG-PET/fMRI in Alzheimer Disease Relationship between glucose metabolism and intrinsic activity	NEUROIMAGE	10.1016/j.neuroimage.2018.04.048	Marchitelli Rocco, Aiello Marco, Cachia Arnaud, Quarantelli Mario, Cavaliere Carlo, Postiglione Alfredo, Tedeschi Gioacchino, Montella Patrizia, Milan Graziella, Salvatore Marco, Salvatore Elena, Baron Jean Claude, Pappatç Sabina
Striatonigral involvement in Fabry Disease A quantitative and volumetric Magnetic Resonance Imaging study	PARKINSONISM & RELATED DISORDERS	10.1016/j.parkreldis.2018.07.011	Russo Camilla, Pontillo Giuseppe, Pisani Antonio, Saccç Francesco, Riccio Eleonora, Macera Antonio, Rusconi Giovanni, Stanzione Arnaldo, Borrelli Pasquale, Brescia Morra Vincenzo, Tedeschi Enrico, Brunetti Arturo, Coccoza Sirio, Palma Giuseppe
Synergistic association of valproate and resveratrol reduces brain injury in ischemic stroke	INTERNATIONAL JOURNAL OF MOLECULAR CELLULAR PHYSIOLOGY	10.3390/ijms19010172	Faggi Lara, Pignataro Giuseppe, Parrella Edoardo, Porrini Vanessa, Vinciguerra Antonio, Cepparulo Pasquale, Cuomo Ornella, Lanzillotta Annamaria, Mota Mariana, Benarese Marina, Tonin Paolo, Annunziato Lucio, Spano Pier Franco, Pizzi Marina
The miR206-JunD circuit mediates the neurotoxic effect of methylmercury in cortical neurons	TOXICOLOGICAL SCIENCES	10.1093/toxsci/kfy051	guida natascia, Valsecchi Valeria, Laudati Giusy, Serani Angelo, Mascolo Luigi, Molinaro Pasquale, Montuori Paolo, Renzo Gianfranco Di, Canzoniero Lorella M., Formisano Luigi
Triticum vulgare extract exerts an anti-inflammatory action in two in vitro models of inflammation in microglial cells	PLoS One	10.1371/journal.pone.0197493	Sanguigno Luca, Casamassa Antonella, Funel Niccolò, Minale Massimiliano, Riccio Rodolfo, Riccio Salvatore, Boscia Francesca, Brancaccio Paola, Pollina Luca Emanuele, anzilotti serenella, Di Renzo Gianfranco, Cuomo Ornella

Two-Year Longitudinal Monitoring of Amnestic Mild Cognitive Impairment Patients with Prodromal Alzheimer's Disease Using Topographical Biomarkers Derived from Functional Magnetic Resonance Imaging and Electroencephalographic Activity	JOURNAL OF ALZHEIMERS DISEASE 10.3233/JAD-180158	Jovicich Jorge, Babiloni Claudio, Ferrari Clarissa, Marizzoni Moira, Moretti Davide V, DEL PERCIO CLAUDIO, Lizio Roberta, Lopez Susanna, Galluzzi Samantha, Albani Diego, Cavaliere Libera, Minati Ludovico, Didic Mira, Fiedler Ute, Forloni Gianluigi, Hensch Tilman, Molinuevo Jos�� Luis, Bartr��s Faz David, Nobili Flavio, Orlandi Daniele, Parnetti Lucilla, Farotti Lucia, Costa Cinzia, Payoux Pierre, Rossini Paolo Maria, Marra Camillo, Sch��nknecht Peter, Soricelli Andrea, Noce Giuseppe, Salvatore Marco, Tsolaki Magda, Visser Pieter Jelle, Richardson Jill C, Wiltfang Jens, Bordet R��gis, Blin Olivier, Frisoniand Giovanni B
Validation of an electronic version of the Self-Awareness Questionnaire in English and Italian healthy samples	INTERNATIONAL JOURNAL OF METHOD 10.1002/mpr.1758	Hughes Laura, Betka Sophie, Longarzo Mariachiara