

Titolo	Testata	DOI	Autori
Breast implant associated anaplastic large cell lymphoma (BIA-ALCL)	Breast Cancer	10.1007/s12282-020-01178-w	Verde Francesco, Vigliar Elena, Romeo Valeria, Campanino Maria Raffaella, Accurso Antonello, Canta Luigi, Garbino Nunzia, Basso Luca, Cavaliere Carlo, Nicolai Emanuele, Imbriaco Massimo
Improving staging of rectal cancer in the pelvis: the role of PET/MRI	EUROPEAN JOURNAL OF NUCLEAR MEDICINE AND MOLECULAR IMAGING	10.1007/s00259-020-05036-x	Onofrio A. Catalano, Susanna I. Lee, Parente Chiara Anna, Christy Cauley, Felipe S. Furtado, Robin Striar, Soricelli Andrea, Salvatore Marco, Yan Li, Lale Umutlu, Lina Garcia Cañamaque, David Groshar, Umar Mahmood, Lawrence S. Blazskowsky, David P. Ryan, Jeffrey W. Clark, Jennifer Wo, Theodore S. Hong, Hiroko Kunitake, Liliana Bordeianou, David Berger, Rocco Ricciardi, Bruce Rosen
miR-34c-3p targets CDK1 a synthetic lethality partner of KRAS in non-small cell lung cancer	CANCER GENE THERAPY	10.1038/s41417-020-00224-1	Palma Francesco, Affinito Alessandra, Nuzzo Silvia, Roscigno Giuseppina, Scognamiglio Iolanda, Ingenito Francesco, Martinez Lola, Franzese Monica, Zanfardino Mario, Soricelli Andrea, Fiorelli Alfonso, Condorelli Gerolama, Quintavalle Cristina
Pre-Operative CT-Based Planning Integrated With Intra-Operative Navigation in Reverse Shoulder Arthroplasty	Dose-Response	10.1177/1559325820970832	Moreschini Fabio, Colasanti Giovanni Battista, Cataldi Carlo, MANNELLI LORENZO, Mondanelli Nicola, Giannotti Stefano
The NANOG transcription factor induces type 2 deiodinase expression and regulates the intracellular activation of thyroid hormone in keratinocyte carcinomas	Cancers	10.3390/cancers12030715	Nappi Annarita, Di Cicco Emery, Miro Caterina, Cicatiello Annunziata Gaetana, Sagliocchi Serena, Mancino Giuseppina, Ambrosio Raffaele, Luongo Cristina, Di Girolamo Daniela, De Stefano Maria Angela, Porcelli Tommaso, Stornaiuolo Mariano, Dentice Monica
The TUSC2 tumour suppressor inhibits the malignant phenotype of human thyroid cancer cells via SMAC/DIABLO protein	INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES	10.3390/ijms21030702	Mariniello Raffaella Mariarosaria, Orlandella Francesca Maria, De Stefano Anna Elisa, Iervolino Paola Lucia Chiara, Saldone Giovanni, Luciano Neila, Cervone Nara, Munciguerra Francesco, Esposito Silvia, Mirabelli Peppino, Salvatore Giuliana
Peptide-based soft hydrogels modified with gadolinium complexes as MRI contrast agents	Pharmaceuticals	10.3390/ph13020019	Gallo Enrico, Diaferia Carlo, Di Gregorio Enza, Morelli Giancarlo, Gianolio Eliana, Accardo Antonella
CT cinematic rendering for glomus jugulare tumor with intracranial extension	Quantitative Imaging in Medicine and Surgery	10.21037/qims.2019.12.13	Baldi Dario, TRAMONTANO LIBERATORE, Punzo Bruna, Orsini Mario, Cavaliere Carlo
Multiparametric MRI for prostate cancer detection: New Insights into the Combined Use of a Radiomic Approach with Advanced Acquisition Protocol	Cancers	10.3390/cancers12020390	Monti Serena, Brancato Valentina, Di Costanzo Giuseppe, Basso Luca, Puglia Marta, Ragozzino Alfonso, Salvatore Marco, Cavaliere Carlo
Immune Checkpoint Inhibitor-Induced Pancreatic Injury: Imaging Findings and Literature Review	Targeted Oncology	10.1007/s11523-019-00694-w	Porcu Michele, Solinas Cinzia, Migali Cristina, Battaglia Angelo, Schena Marina, MANNELLI LORENZO, Addeo Alfredo, Willard-Gallo Karen, Saba Luca
A rare case of sigmoid colon carcinoma in incarcerated inguinal hernia	Diagnostics	10.3390/diagnostics10020099	Baldi Dario, Alfano Vincenzo, Punzo Bruna, TRAMONTANO LIBERATORE, Baselice Simona, Spidalieri Gianluca, Micera Osvaldo, Cavaliere Carlo
Whole Body Low Dose Computed Tomography Using Third-Generation Dual-Source Multidetector With Spectral Shaping: Protocol Optimization and Literature Review	Dose-Response	10.1177/1559325820973131	Baldi Dario, TRAMONTANO LIBERATORE, Alfano Vincenzo, Punzo Bruna, Cavaliere Carlo, Salvatore Marco
Assessment of DCE utility for PCA diagnosis using PI-RADS v2.1: Effects on Diagnostic Accuracy and Reproducibility	Diagnostics	10.3390/diagnostics10030164	Brancato Valentina, Di Costanzo Giuseppe, Basso Luca, TRAMONTANO LIBERATORE, Puglia Marta, Ragozzino Alfonso, Cavaliere Carlo
Association of PARP1 polymorphisms with response to chemotherapy in patients with high-risk neuroblastoma	JOURNAL OF CELLULAR AND MOLECULAR MEDICINE	10.1111/jcmm.15058	Avitabile Marianna, Lasorsa Vito Alessandro, Cantalupo Sueva, Cardinale Antonella, Cimmino Flora, Montella Annalaura, Capasso Dalila, Haupt Riccardo, Amoroso Loredana, Garaventa Alberto, Quattrone Alessandro, Corrias Maria Valeria, Iolascon Achille, Capasso Mario
MiR-216a acts as a negative regulator of breast cancer by modulating stemness properties and tumor microenvironment	INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES	10.3390/ijms21072313	Roscigno Giuseppina, Cirella Assunta, Affinito Alessandra, Quintavalle Cristina, Scognamiglio Iolanda, Palma Francesco, Ingenito Francesco, Nuzzo Silvia, De Micco Francesca, Cuccuru Antonio, Thomas Renato, Condorelli Gerolama
Tumor segmentation analysis at different post-contrast time points: A possible source of variability of quantitative DCE-MRI parameters in locally advanced breast cancer	EUROPEAN JOURNAL OF RADIOLOGY	10.1016/j.ejrad.2020.108907	Romeo Valeria, Cavaliere Carlo, Imbriaco Massimo, Verde Francesco, Petretta Mario, Franzese Monica, Stanzione Arnaldo, Cuocolo Renato, Aiello Marco, Basso Luca, Amitrano Michele, Lauria Rossella, Accurso Antonello, Brunetti Arturo, Salvatore Marco
Combined targeting of glioblastoma stem-like cells by neutralizing RNA-bio-drugs for STAT3	Cancers	10.3390/cancers12061434	Esposito Carla Lucia, Nuzzo Silvia, Ibba Maria Luigia, Ricci-Vitiani Lucia, Pallini Roberto, Condorelli Gerolama, Catuogno Silvia, de Francisicis Vittorio
2-deoxy-2-[F-18] fluoro-D-GLUCOSE POSITRON EMISSION TOMOGRAPHY Deauville scale and core-needle biopsy to determine successful management after six doxorubicin, bleomycin, vinblastine and dacarbazine cycles in advanced-stage Hodgkin lymphoma	INTERNATIONAL JOURNAL OF CANCER	10.1016/j.ejca.2020.03.008	M Picardi, R Fonti, R Della Pepa, C Giordano, N Pugliese, Nicolai Emanuele, Salvatore Marco, C Mainolfi, P Venetucci, M G Rascato, I Cappuccio, M Mascolo, E Vigliar, G Troncone, S Del Vecchio, F Pane
Kinome multigenic panel identified novel druggable EPHB4-V871I somatic variant in high-risk neuroblastoma	JOURNAL OF CELLULAR AND MOLECULAR MEDICINE	10.1111/jcmm.15297	Andolfo Immacolata, Lasorsa Vito A., Manna Francesco, Rosato Barbara E., Formicola Daniela, Iolascon Achille, Capasso Mario
Liposome-embedding silicon microparticle for oxaliplatin delivery in tumor chemotherapy	Pharmaceuticals	10.3390/pharmaceutics12060559	Cevenini A, Celia C, Orrù S, Sarnataro D, Raia M, Mollo V, Locatelli M, Imperlini Esther, Peluso N, Peltrini R, De Rosa E, Parodi A, Del Vecchio L, Di Marzio L, Fresta M, Netti PA, Shen H, Liu X, Tasciotti E, Salvatore F
KCTD15 protein expression in peripheral blood and acute myeloid Leukemia	Diagnostics	10.3390/diagnostics10060371	Saldone Giovanni, Coppola Luigi, Incoronato Mariarosaria, Parasole Rosanna, Ripaldi Mimmo, Vitagliano Luigi, Mirabelli Peppino, Salvatore Marco
Targeting Ephrin Receptor Tyrosine Kinase A2 with a Selective Aptamer for Glioblastoma Stem Cells	Molecular Therapy-Nucleic Acids	10.1016/j.omtn.2020.02.005	Affinito Alessandra, Quintavalle Cristina, Esposito Carla Lucia, Roscigno Giuseppina, Giordano Catello, Nuzzo Silvia, Ricci-Vitiani Lucia, Scognamiglio Iolanda, Minic Zoran, Pallini Roberto, Berezovski Maxim V., de Francisicis Vittorio, Condorelli Gerolama
The Thyroid Hormone Inactivator Enzyme, Type 3 Deiodinase, Is Essential for Coordination of Keratinocyte Growth and Differentiation	THYROID	10.1089/thy.2019.0557	Mancino Giuseppina, Sibilio Annarita, Luongo Cristina, Di Cicco Emery, Miro Caterina, Cicatiello Annunziata Gaetana, Nappi Annarita, Sagliocchi Serena, Ambrosio Raffaele, De Stefano Maria Angela, Di Girolamo Daniela, Porcelli Tommaso, Murolo Melania, Saracino Federica, Perruolo Giuseppe, Formisano Pietro, Stornaiuolo Mariano, Dentice Monica
The new paradigm of network medicine to analyze breast cancer phenotypes	INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES	10.3390/ijms21186690	Grimaldi Anna Maria, Conte Federica, PANE KATIA, Fiscon Giulia, Mirabelli Peppino, Baselice Simona, Giannatiempo Rosa, Messina Francesco, Franzese Monica, Salvatore Marco, Paci Paola, Incoronato Mariarosaria
LncRNAs-mRNAs co-expression network underlying childhood B-cell acute lymphoblastic leukaemia	Cancers	10.3390/cancers12092489	Affinito Ornella, PANE KATIA, Saldone Giovanni, Orlandella Francesca Maria, Mirabelli Peppino, Beneduce Giuliana, Parasole Rosanna, Ripaldi Mimmo, Salvatore Marco, Franzese Monica
Automatic Prediction and Assessment of Treatment Response in Patients with Hodgkin's Lymphoma Using a Whole-Body DW-MRI Based Approach	Diagnostics	10.3390/diagnostics10090702	Brancato Valentina, Aiello Marco, Pepa Roberta Della, Basso Luca, Garbino Nunzia, Nicolai Emanuele, Picardi Marco, Salvatore Marco, Cavaliere Carlo
Secretome proteomic approaches for biomarker discovery	Medicina-Lithuania	10.3390/medicina56090443	Cevenini Armando, Orrù Stefania, Imperlini Esther
New Roadmaps for Non-muscle-invasive Bladder Cancer With Unfavorable Prognosis	Frontiers in Chemistry	10.3389/fchem.2020.00600	PANE KATIA, Mirabelli Peppino, Coppola Luigi, Illiano Ester, Salvatore Marco, Franzese Monica
Behavior of glycolylated sialoglycans in the binding pockets of murine and human CD22	iScience	10.1016/j.isci.2020.101998	Di Carluccio Cristina, Forgione Rosa Ester, Montefiori Marco, Civera Monica, Sattin Sara, Saldone Giovanni, Fukase K., Manabe Y., Crocker Paul R., Molinaro Antonio, Marchetti Roberta, Silipo Alba
Dissecting the molecular pathways involved in the effects of physical activity on breast cancers cells: A narrative review	LIFE SCIENCES	10.1016/j.lfs.2020.118790	Orlandella Francesca Maria, De Stefano Anna Elisa, Iervolino Paola Lucia Chiara, Buono Pasqualina, Soricelli Andrea, Salvatore Giuliana

An Integrative Computational Approach Based on Expression Similarity Signatures to Identify Protein-Protein Interaction Networks in Female-Specific Cancers	Frontiers in Genetics	10.3389/fgene.2020.612521	PANE KATIA, Affinito Ornella, Zanfardino Mario, Castaldo Rossana, Incoronato Mariarosaria, Salvatore Marco, Franzese Monica
Development of a protein scaffold for arginine sensing generated through the dissection of the arginine-binding protein from thermotoga maritima	INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES	10.3390/ijms21207503	Smaldone Giovanni, Ruggiero Alessia, Balasco Nicole, Vitagliano Luigi
Predicting survival in glioblastoma patients using diffusion MRI imaging metrics: a systematic review	Cancers	10.3390/cancers12102858	Brancato Valentina, Nuzzo Silvia, TRAMONTANO LIBERATORE, Condorelli Gerolama, Salvatore Marco, Cavaliere Carlo
Radiomics and "radiomics" in cancer immunotherapy: a guide for clinicians	CRITICAL REVIEWS IN ONCOLOGY HEMATOLOGY	10.1016/j.critrevonc.2020.103068	Porcu Michele, Solinas Cinzia, MANNELLI LORENZO, Micheletti Giulio, Lambertini Matteo, Willard-Gallo Karen, Neri Emanuele, Flanders Adam E., Saba Luca
Prognostic and clinicopathological significance of mir-155 in breast cancer: A Systematic Review	INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES	10.3390/ijms21165834	Grimaldi Anna Maria, Nuzzo Silvia, Condorelli Gerolama, Salvatore Marco, Incoronato Mariarosaria
Stable formulations of peptide-based nanogels	MOLECULES	10.3390/molecules25153455	Rosa Elisabetta, Diaferia Carlo, Gallo Enrico, Morelli Giancarlo, Accardo Antonella
Brown Adipose Tissue in Breast Cancer Evaluated by 18F-FDG PET/CT	MOLECULAR IMAGING AND BIOLOGY	10.1007/s11307-020-01482-z	Pace L, Nicolai Emanuele, Basso Luca, Garbino Nunzia, Soricelli Andrea, Salvatore Marco
Guanidinium binding to proteins: The intriguing effects on the D1 and D2 domains of Thermotoga maritima Arginine Binding Protein and a comprehensive analysis of the Protein Data Bank	INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES	10.1016/j.ijbiomac.2020.06.290	Cozzolino Serena, Balasco Nicole, Vigorita Marilisa, Ruggiero Alessia, Smaldone Giovanni, Del Vecchio Pompea, Vitagliano Luigi, Graziano Giuseppe
Identification and characterization of cytotoxic amyloid-like regions in human Pbx-regulating protein-1	INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES	10.1016/j.ijbiomac.2020.06.271	Doti Nunzianna, Monti Alessandra, Bruckmann Chiara, Calvanese Luisa, Smaldone Giovanni, Caporale Andrea, Falcigno Lucia, D'Auria Gabriella, Blasi Francesco, Ruvo Menotti, Vitagliano Luigi
Correlating imaging parameters with molecular data: An integrated approach to improve the management of breast cancer patients	INTERNATIONAL JOURNAL OF BIOLOGICAL MARKERS	10.1177/1724600819899665	Incoronato Mariarosaria, Mirabelli Peppino, Grimaldi Anna Maria, Soricelli Andrea, Salvatore Marco
The role of molecular and imaging biomarkers in the evaluation of inflammation in oncology	INTERNATIONAL JOURNAL OF BIOLOGICAL MARKERS	10.1177/1724600819897926	Canese Rossella, Bazzocchi Alberto, Blandino Giovanni, Carpinelli Giulia, De Nuccio Chiara, Gion Massimo, Moretti Franca, Soricelli Andrea, Spessotto Paola, Iorio Egidio
Effect of naive and cancer-educated fibroblasts on colon cancer cell circadian growth rhythm	Cell Death & Disease	10.1038/s41419-020-2468-2	Parascandolo Alessia, Bonavita Raffaella, Astaburuaga Rosario, Sciuto Antonio, Reggio Stefano, Barra Enrica, Corcione Francesco, Salvatore Marco, Mazzoccoli Gianluigi, Relógio Angela, Laukkanen Mikko O.
Systematic overview of soft materials as a novel frontier for MRI contrast agents	RSC Advances	10.1039/d0ra03194a	Gallo Enrico, Rosa Elisabetta, Diaferia Carlo, Rossi Filomena, Tesaro Diego, Accardo Antonella
Comparison of simultaneous 18 F-2-[18F] FDG PET/MR and PET/CT in the follow-up of patients with differentiated thyroid cancer	EUROPEAN JOURNAL OF NUCLEAR MEDICINE AND MOLECULAR IMAGING	10.1007/s00259-020-04938-0	Klain M, Nappi C, Nicolai Emanuele, Romeo V, Piscopo L, Giordano A, Gaudieri V, Zampella E, Pace L, Cavaliere Carlo, Salvatore Marco, Schlumberger M, Cuocolo A
Prognostic significance of PET/CT in patients with chronic lymphocytic leukemia (CLL) treated with frontline chemoimmunotherapy	Cancers	10.3390/cancers12071773	Porrizzo Marika, Nicolai Emanuele, Riminucci Mara, Vitale Candida, Coscia Marta, De Paoli Lorenzo, Rago Angela, Buscicchio Giulia, Maestrini Giacomo, Ligia Silvio, Di Prima Alessio, Corsi Alessandro, Caronna Roberto, Gaidano Gianluca, Mauro Francesca Romana
The impact of normalization approaches to automatically detect radiogenomic phenotypes characterizing breast cancer receptors status	Cancers	10.3390/cancers12020518	Castaldo Rossana, PANE KATIA, Nicolai Emanuele, Salvatore Marco, Franzese Monica
The role of RNA and DNA aptamers in glioblastoma diagnosis and therapy	Cancers	10.3390/cancers12082173	Nuzzo Silvia, Brancato Valentina, Affinito Alessandra, Salvatore Marco, Cavaliere Carlo, Condorelli Gerolama
miR-622 is a novel potential biomarker of breast carcinoma and impairs motility of breast cancer cells through targeting NUA1 kinase	BRITISH JOURNAL OF CANCER	10.1038/s41416-020-0884-9	Orlandella Francesca Maria, Mariniello Raffaella, Mariarosaria, Mirabelli Peppino, De Stefano Anna Elisa, Iervolino Paola Lucia Chiara, Lasorsa Vito Alessandro, Capasso Mario, Giannatiempo Rosa, Rongo Maria, Incoronato Mariarosaria, Messina Francesco, Salvatore Marco, Soricelli Andrea, Salvatore Giuliana
Non-obstructive high-risk plaques increase the risk of future culprit lesions comparable to obstructive plaques without high-risk features: the ICONIC study	European Heart Journal-Cardiovascular Imaging	doi.org/10.1093/ehjci/jeaa048	Richard A Ferraro, Alexander R van Rosendaal, Yao Lu, Daniele Andreini, Mouaz H Al-Mallah, Cademartiri Filippo, Kavitha Chinnaiyan, Benjamin J W Chow, Edoardo Conte, Ricardo C Cury, Gudrun Feuchtner, Pedro de Araújo Gonçalves, Martin Hadamitzky, Yong-Jin Kim, Jonathon Leipsic, Erica Maffei, Hugo Marques, Fabian Plank, Gianluca Pontone, Gilbert L Raff, Todd C Villines, Sang-Eun Lee, Subhi J Al-Aref, Lohendran Baskaran, Iksung Cho, Ibrahim Danad, Heidi Gransar, Matthew J Budoff, Habib Samady, Peter H Stone, Renu Virmani, Jagat Narula, Daniel S Berman, Hyuk-Jae Chang, Jeroen J Bax, James K Min, Leslee J Shaw, Fay Y Lin
Anabolic Deficiencies in Heart Failure: Ready for Prime Time?	Heart Failure Clinics	10.1016/j.hfc.2019.08.012	Napoli Raffaele, D'Assante Roberta, Miniero Martina, Salzano Andrea, Cittadini Antonio
Gut Feeling: The Role of Gut Microbiota in Immunomodulation of Ischemia-Reperfusion Injury	ARTERIOSCLEROSIS THROMBOSIS AND VASCULAR BIOLOGY	10.1161/ATVBAHA.120.314941	Israr Muhammad Zubair, Salzano Andrea, Suzuki Toru
Long-term recreational football training and health in aging	International Journal of Environmental Research and Public Health	10.3390/ijerph17062087	Imperlini Esther, Mancini Annamaria, Orrù Stefania, Vitucci Daniela, Di Onofrio Valeria, Gallè Francesca, Valerio Giuliana, Salvatore Giuliana, Liguori Giorgio, Buono Pasqualina, Alfieri Andreina
Effects of a multifactorial ecosustainable isocaloric diet on liver fat in patients with type 2 diabetes: randomized clinical trial	BMJ Open Diabetes Research & Care	10.1136/bmjdr-2020-001342	Della Pepa Giuseppe, Vetrani Claudia, Brancato Valentina, Vitale Marilena, Monti Serena, Annuzzi Giovanni, Lombardi Gianluca, Izzo Anna, Tommasone Marianna, Cipriano Paola, Clemente Gennaro, Mirabelli Peppino, Mancini Marcello, Salvatore Marco, Riccardi Gabriele, Rivellese Angela Albarosa, Bozzetto Lutgarda
Risk stratification and prognostic factors in patients with pulmonary arterial hypertension and comorbidities: a cross-sectional cohort study with survival follow-up	RESPIRATORY RESEARCH	10.1186/s12931-020-01393-1	Xanthouli Panagiota, Koegler Maria, Marra Alberto Maria, Benjamin Nicola, Fischer Lukas, Eichstaedt Christina A., Harutyunova Satenik, Nagel Christian, Grünig Ekkehard, Egenlauf Benjamin
The Important Role of Adiponectin and Orexin-A, Two Key Proteins Improving Healthy Status: Focus on Physical Activity	Frontiers in Physiology	10.3389/fphys.2020.00356	Polito Rita, Monda Vincenzo, Nigro Ersilia, Messina Antonietta, Di Maio Girolamo, Giuliano Maria Teresa, Orrù Stefania, Imperlini Esther, Calcagno Giuseppe, Mosca Laura, Mollica Maria Pina, Trinchese Giovanna, Scarinci Alessia, Sessa Francesco, Salerno Monica, Marsala Gabriella, Buono Pasqualina, Mancini Annamaria, Monda Marcellino, Daniele Aurora, Messina Giovanni
Epigenetic-sensitive pathways in personalized therapy of major cardiovascular diseases	PHARMACOLOGY & THERAPEUTICS	10.1016/j.pharmthera.2020.107514	Schiano Concetta, Benincasa Giuditta, Franzese Monica, Della Mura Nunzia, PANE KATIA, Salvatore Marco, Napoli Claudio
Matrix-assisted laser desorption/ionization (MALDI) mass spectrometry (MS): basics and clinical applications	CLINICAL CHEMISTRY AND LABORATORY MEDICINE	10.1515/ccm-2019-0868	Israr Muhammad Zubair, Bernieh Dennis, Salzano Andrea, Cassambai Shabana, Yazaki Yoshiyuki, Suzuki Toru
Pulmonary Embolism: A Practical Guide for the Busy Clinician	Heart Failure Clinics	10.1016/j.hfc.2020.03.004	Demelo-Rodriguez Pablo, Galeano-Valle Francisco, Salzano Andrea, Biskup Ewelina, Vríz Olga, Cittadini Antonio, Falsetti Lorenzo, Ranieri Brigida, Russo Valentina, Stanziola Anna Agnese, Bossone Eduardo, Marra Alberto M.

Imaging Cardiovascular Emergencies: Real World Clinical Cases	Heart Failure Clinics	10.1016/j.hfc.2020.03.003	Mauro Ciro, Vriz Olga, Romano Luigia, Citro Rodolfo, Russo Valentina, Ranieri Brigida, Alamro Bandar, Aladmawi Mohammed, Granata Riccardo, Galzerano Domenico, Bellino Michele, Cocchia Rosangela, Mehta Rahul M., Delle Grottaglie Santo, Alsergani Hani, Mehta Rajendra H., Bossone Eduardo
Acute Aortic Syndromes: Diagnostic and Therapeutic Pathways	Heart Failure Clinics	10.1016/j.hfc.2020.03.002	Bossone Eduardo, Ranieri Brigida, Romano Luigia, Russo Valentina, Barbuto Luigi, Cocchia Rosangela, Pezzullo Filomena, Amato Chiara, Vriz Olga, Di Tommaso Luigi, Iannelli Gabriele, Czerny Martin
Epigenetic-sensitive liquid biomarkers and personalised therapy in advanced heart failure: a focus on cell-free DNA and microRNAs	JOURNAL OF CLINICAL PATHOLOGY	10.1136/jclinpath-2019-206404	Mansueto Gelsomina, Benincasa Giuditta, Della Mura Nunzia, Nicoletti Giovanni Francesco, Napoli Claudio
Implications of serial measurements of natriuretic peptides in heart failure: insights from BIOSTAT-CHF	EUROPEAN JOURNAL OF HEART FAILURE	10.1002/ehjhf.1951	Israr Muhammad Zubair, Salzano Andrea, Yazaki Yoshiyuki, Voors Adriaan A., Ouwerkerk Wouter, Anker Stefan D., Cleland John G., Dickstein Kenneth, Metra Marco, Samani Nilesh J., Ng Leong L., Suzuki Toru
Pivotal role of cardiac computed tomography in chronic coronary syndrome	European Heart Journal-Cardiovascular Imaging	10.1093/ehjci/jeaa231	Cademartiri Filippo, Maffei Erica
A Type 2 Deiodinase-Dependent Increase in Vegfa Mediates Myoblast-Endothelial Cell Crosstalk during Skeletal Muscle Regeneration	THYROID	10.1089/thy.2020.0291	An Xingxing, Ogawa-Wong Ashley, Carmody Colleen, Ambrosio Raffaele, Cicatiello Annunziata Gaetana, Luongo Cristina, Salvatore Domenico, Handy Diane E., Larsen P. Reed, Wajner Simone Magagnin, Dentice Monica, Zavacki Ann Marie
Updated diagnostic & prognostic paradigm for CAD: a narrative review	Cardiovascular Diagnosis and Therapy	10.21037/cdt-20-526	Toia Patrizia, la Grutta Ludovico, Smeraldi Tommaso, Agnello Francesco, Grassettonio Emanuele, Maffei Erica, Midiri Massimo, Cademartiri Filippo
Editorial on impact of cardiac CT in clinical practice	Cardiovascular Diagnosis and Therapy	10.21037/cdt-2020-01	Cademartiri Filippo
Technical development in cardiac CT: current standards and future improvements-a narrative review	Cardiovascular Diagnosis and Therapy	10.21037/cdt-20-527	Toia Patrizia, la Grutta Ludovico, Sollami Giulia, Clemente Alberto, Gagliardo Cesare, Galia Massimo, Maffei Erica, Midiri Massimo, Cademartiri Filippo
Narrative review of cardiac computed tomography perfusion: insights into static rest perfusion	Cardiovascular Diagnosis and Therapy	10.21037/cdt-20-552	Punzo Bruna, Cavaliere Carlo, Maffei Erica, Bossone Eduardo, Saba Luca, Cademartiri Filippo
Coronary atherosclerosis as the main endpoint of non-invasive imaging in cardiology: a narrative review	Cardiovascular Diagnosis and Therapy	10.21037/cdt-20-525	Maffei Erica, Punzo Bruna, Cavaliere Carlo, Bossone Eduardo, Saba Luca, Cademartiri Filippo
Switch from enzyme replacement therapy to oral chaperone migalastat for treating fabry disease: real-life data	EUROPEAN JOURNAL OF HUMAN GENETICS	10.1038/s41431-020-0677-x	AFFIINITY Group Gruppo, Riccio Eleonora, Zanfardino Mario, Ferreri Lucia, Santoro Ciro, Cocozza Sirio, Capuano Ivana, Imbriaco Massimo, Feriozzi Sandro, Pisani Antonio, Riccio Eleonora, Cocozza Sirio, Santoro Ciro, Esposito Roberta, Imbriaco Massimo, Russo Camilla, Di Risi Teodolinda, Chiariotti Lorenzo, Spinelli Letizia, Pontillo Andrea, Cuocolo Alberto, Cennamo Gilda, Colao Annamaria
Insight from imaging on plaque vulnerability: similarities and differences between coronary and carotid arteries-implications for systemic therapies	Cardiovascular Diagnosis and Therapy	10.21037/cdt-20-528	Cademartiri Filippo, Balestrieri Antonella, Cau Riccardo, Punzo Bruna, Cavaliere Carlo, Maffei Erica, Saba Luca
Carotid plaque imaging profiling in subjects with risk factors (diabetes and hypertension)	Cardiovascular Diagnosis and Therapy	10.21037/cdt.2020.01.13	Porcu Michele, MANNELLI LORENZO, Melis Marta, Suri Jasjit S., Gerosa Clara, Cerrone Giulia, Defazio Giovanni, Faa Gavino, Saba Luca
Cardiac computed tomography radiomics: an emerging tool for the non-invasive assessment of coronary atherosclerosis	Cardiovascular Diagnosis and Therapy	10.21037/cdt-20-156	Murgia Alessandro, Balestrieri Antonella, Crivelli Paola, Suri Jasjit S., Conti Maurizio, Cademartiri Filippo, Saba Luca
Cardiac CT perfusion and FFR CTA: pathophysiological features in ischemic heart disease	Cardiovascular Diagnosis and Therapy	10.21037/cdt-20-414	Seitun Sara, Clemente Alberto, de Lorenzi Cecilia, Benenati Stefano, Chiappino Dante, Mantini Cesare, Sakellarios Antonis I., Cademartiri Filippo, Bezante Gian Paolo, Porto Italo
Cardiac CT angiography: normal and pathological anatomical features-a narrative review	Cardiovascular Diagnosis and Therapy	10.21037/cdt-20-530	Clemente Alberto, Seitun Sara, Mantini Cesare, Gentile Giovanni, Federici Duccio, Barison Andrea, Rossi Andrea, Cuman Magdalena, Pizzuto Alessandra, Ait-Ali Lamia, Bossone Eduardo, Cademartiri Filippo, Chiappino Dante
Prognostic value of cardiac CT	Radiologia Medica	10.1007/s11547-020-01285-w	Seitun Sara, Clemente Alberto, Maffei Erica, Toia Patrizia, La Grutta Ludovico, Cademartiri Filippo
Circulating cell-free DNA levels are associated with adverse outcomes in heart failure: testing liquid biopsy in heart failure	European Journal of Preventive Cardiology	10.1177/2047487320912375	Salzano Andrea, Israr Muhammad Zubair, Garcia Daniel Fernandez, Middleton Laura, D'Assante Roberta, Marra Alberto M, Arcopinto Michele, Yazaki Yoshiyuki, Bernieh Dennis, Cassambai Shabana, Page Karen, Rengo Giuseppe, Bossone Eduardo, Cittadini Antonio, Shaw Jacqueline A, Suzuki Toru
Are heart failure observational studies still useful? 'No need to argue'	European Journal of Preventive Cardiology	10.1177/2047487320932258	Salzano Andrea, Suzuki Toru, Squire Iain B, Cittadini Antonio
Integrated analysis of DNA methylation profile of HLA-G gene and imaging in coronary heart disease	PLoS One	10.1371/journal.pone.0236951	Schiano Concetta, Benincasa Giuditta, Infante Teresa, Franzese Monica, Castaldo Rossana, Fiorito Carmela, Mansueto Gelsomina, Grimaldi Vincenzo, Della Valle Giovanni, Fatone Gerardo, Soricelli Andrea, Nicoletti Giovanni Francesco, Ruocco Antonio, Mauro Ciro, Salvatore Marco, Napoli Claudio
Machine learning and network medicine: a novel approach for precision medicine and personalized therapy in cardiomyopathies	Journal of Cardiovascular Medicine	10.2459/JCM.0000000000001103	Infante Teresa, Francone Marco, De Rimini Maria L, Cavaliere Carlo, Canonico Raffaele, Catalano Carlo, Napoli Claudio
Long-term prognostic role of diabetes mellitus and glycemic control in heart failure patients with reduced ejection fraction: Insights from the MECKI Score database	INTERNATIONAL JOURNAL OF CARDIOLOGY	10.1016/j.ijcard.2020.04.079	Paolillo Stefania, Salvioni Elisabetta, Perrone Filardi Pasquale, Bonomi Alice, Sinagra Gianfranco, Gentile Piero, Gargiulo Paola, Scoccia Alessandra, Cosentino Nicola, Gugliandolo Paola, Badagliacca Roberto, Lagioia Rocco, Correale Michele, Frigerio Maria, Perna Enrico, Piepoli Massimo, Re Federica, Raimondo Rosa, Minà Chiara, Clemenza Francesco, Bussotti Maurizio, Limongelli Giuseppe, Gravino Rita, Passantino Andrea, Magri Damiano, Parati Gianfranco, Caravita Sergio, Scardovi Angela B., Arcari Luca, Vignati Carlo, Mapelli Massimo, Cattadori Gaia, Cavaliere Carlo, Corrà Ugo, Agostoni Piergiuseppe
Stentys coronary system: current status and future direction	MINERVA CARDIOANGIOLOGICA	10.23736/S0026-4725.20.05167-1	Golino Marco, Nuzzo Silvia, Briguori Carlo
Comparative differences in the atherosclerotic disease burden between the epicardial coronary: quantitative plaque analysis on coronary computed tomography angiography	European Heart Journal-Cardiovascular Imaging	10.1093/ehjci/jeaa275	PARADIGM Investigators Gruppo, Bax A Maxim, van Rosendaal Alexander R, Ma Xiaoyue, van den Hoogen Inge J, Gianni Umberto, Tantawy Sara W, Hollenberg Emma J, Andreini Daniele, Al-Mallah Mouaz H, Budoff Matthew J, Cademartiri Filippo, Chinnaiyan Kavitha, Choi Jung Hyun, Conte Edoardo, Marques Hugo, de Araújo Gonçalves Pedro, Gottlieb Ilan, Hadamitzky Martin, Leipsic Jonathon A, Maffei Erica, Pontone Gianluca, Shin Sanghoon, Kim Yong-Jin, Lee Byoung Kwon, Chun Eun Ju, Sung Ji Min, Lee Sang-Eun, Virmani Renu, Samady Habib, Stone Peter H, Berman Daniel S, Min James K, Narula Jagat, Lin Fay Y, Chang Hyuk-Jae, Shaw Leslee J
The Relationship Between Coronary Calcification and the Natural History of Coronary Artery Disease	JACC-Cardiovascular Imaging	10.1016/j.jcmg.2020.08.036	Jin Han Young, Weir-McCall Jonathan R., Leipsic Jonathon A., Son Jang Won, Sellers Stephanie L., Shao Michael, Blanke Philipp, Ahmadi Amir, 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, de Araujo Goncalves Pedro, Shin Sanghoon, Choi Jung Hyun, Virmani Renu, Samady Habib, Stone Peter H., Berman Daniel S., Narula Jagat, Shaw Leslee J., Bax Jeroen J., Chinnaiyan Kavitha, Raff Gilbert, Al-Mallah Mouaz H., Lin Fay Y., Min James K., Sung Ji Min, Lee Sang Eun, Chang Hyuk Jae

Low correlation between biometric parameters, cardiovascular risk factors and aortic dimensions by computed tomography coronary angiography	MEDICINE	10.1097/MD.0000000000021891	Forte Ernesto, Punzo Bruna, Salvatore Marco, Maffei Erica, Nistri Stefano, Cavaliere Carlo, Cademartiri Filippo
Sex Differences in Compositional Plaque Volume Progression in Patients With Coronary Artery Disease	JACC-Cardiovascular Imaging	10.1016/j.jcmg.2020.06.034	Lee Sang Eun, Sung Ji Min, Andreini Daniele, Al-Mallah Mouaz H., 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, Leipsic Jonathon A., Maffei Erica, Marques Hugo, de Araújo Gonçalves Pedro, Pontone Gianluca, Shin Sanghoon, Stone Peter H., Samady Habib, Virmani Renu, Narula Jagat, Berman Daniel S., Shaw Leslee J., Bax Jeroen J., Lin Fay Y., Min James K., Chang Hyuk Jae
Age- and sex-related features of atherosclerosis from coronary computed tomography angiography in patients prior to acute coronary syndrome: results from the ICONIC study	European Heart Journal-Cardiovascular Imaging	10.1093/ehjci/jeaa210	Conte Edoardo, Dwivedi Aeshita, Mushtaq Saima, Pontone Gianluca, Lin Fay Y., Hollenberg Emma J., Lee Sang Eun, Bax Jeroen, Cademartiri Filippo, Chinnaiyan Kavitha, Chow Benjamin J.W., Cury Ricardo C., Feuchtnr Gudrun, Hadamitzky Martin, Kim Yong Jin, Baggiano Andrea, Leipsic Jonathon, Maffei Erica, Marques Hugo, Plank Fabian, Raff Gilbert L., van Rosendael Alexander R., Villines Todd C., Weirich Harald G., Al'Aref Subhi J., Baskaran Lohendran, Cho Iksung, Danad Ibrahim, Han Donghee, Heo Ran, Lee Ji Hyun, Stuijzand Wijnand J., Gransar Heidi, Lu Yao, Sung Ji Min, Park Hyung Bok, Al-Mallah Mouaz H., de Araújo Gonçalves Pedro, Berman Daniel S., Budoff Matthew J., Samady Habib, Shaw Leslee J., Stone Peter H., Virmani Renu, Narula Jagat, Min James K., Chang Hyuk Jae, Andreini Daniele
Per-lesion versus per-patient analysis of coronary artery disease in predicting the development of obstructive lesions: the Progression of Atherosclerotic Plaque Determined by Computed Tomographic Angiography Imaging (PARADIGM) study	INTERNATIONAL JOURNAL OF CARDIOVASCULAR IMAGING	10.1007/s10554-020-01960-z	Lee Sang Eun, Sung Ji Min, Andreini Daniele, Al-Mallah Mouaz H., 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, Leipsic Jonathon A., Maffei Erica, Marques Hugo, de Araújo Gonçalves Pedro, Pontone Gianluca, Shin Sanghoon, Stone Peter H., Samady Habib, Virmani Renu, Narula Jagat, Berman Daniel S., Shaw Leslee J., Bax Jeroen J., Lin Fay Y., Min James K., Chang Hyuk Jae
Association of Cardiovascular Disease Risk Factor Burden With Progression of Coronary Atherosclerosis Assessed by Serial Coronary Computed Tomographic Angiography	JAMA Network Open	10.1001/jamanetworkopen.2020.11444	Han Donghee, Berman Daniel S., Miller Robert J.H., Andreini Daniele, Budoff Matthew J., Cademartiri Filippo, Chinnaiyan Kavitha, Choi Jung Hyun, Conte Edoardo, Marques Hugo, de Araújo Gonçalves Pedro, Gottlieb Ilan, Hadamitzky Martin, Leipsic Jonathon, Maffei Erica, Pontone Gianluca, Shin Sanghoon, Kim Yong Jin, Lee Byoung Kwon, Chun Eun Ju, Sung Ji Min, Lee Sang Eun, Virmani Renu, Samady Habib, Stone Peter, Narula Jagat, Bax Jeroen J., Shaw Leslee J., Lin Fay Y., Min James K., Chang Hyuk Jae
Automatic segmentation of multiple cardiovascular structures from cardiac computed tomography angiography images using deep learning	PLoS One	10.1371/journal.pone.0232573	Baskaran Lohendran, Al'Aref Subhi J., Maliakal Gabriel, Lee Benjamin C., Xu Zhuoran, Choi Jeong W., Lee Sang Eun, Sung Ji Min, Lin Fay Y., Dunham Simon, Mosadegh Bobak, Kim Yong Jin, Gottlieb Ilan, Lee Byoung Kwon, Chun Eun Ju, Cademartiri Filippo, Maffei Erica, Marques Hugo, Shin Sanghoon, Choi Jung Hyun, Chinnaiyan Kavitha, Hadamitzky Martin, Conte Edoardo, Andreini Daniele, Pontone Gianluca, Budoff Matthew J., Leipsic Jonathon A., Raff Gilbert L., Virmani Renu, Samady Habib, Stone Peter H., Berman Daniel S., Narula Jagat, Bax Jeroen J., Chang Hyuk Jae, Min James K., Shaw Leslee J.
Clinical risk factors and atherosclerotic plaque extent to define risk for major events in patients without obstructive coronary artery disease: The long-term coronary computed tomography angiography CONFIRM registry	European Heart Journal-Cardiovascular Imaging	10.1093/ehjci/jez322	Van Rosendael Alexander R., Bax A. Maxim, Smit Jeff M., Van Den Hoogen Inge J., Ma Xiaoyue, Al'Aref Subhi, Achenbach Stephan, Al-Mallah Mouaz H., Andreini Daniele, Berman Daniel S., Budoff Matthew J., Cademartiri Filippo, Callister Tracy Q., Chang Hyuk Jae, Chinnaiyan Kavitha, Chow Benjamin J.W., Cury Ricardo C., Delago Augustin, Feuchtnr Gudrun, Hadamitzky Martin, Hausleiter Joerg, Kaufmann Philipp A., Kim Yong Jin, Leipsic Jonathon A., Maffei Erica, Marques Hugo, De Araújo Gonçalves Pedro, Pontone Gianluca, Raff Gilbert L., Rubinshtein Ronen, Villines Todd C., Gransar Heidi, Lu Yao, Peña Jessica M., Lin Fay Y., Shaw Leslee J., Min James K., Bax Jeroen J.
Machine Learning Framework to Identify Individuals at Risk of Rapid Progression of Coronary Atherosclerosis: From the PARADIGM Registry	Journal of the American Heart Association	10.1161/JAHA.119.013958	Han Donghee, Kolli Kranthi K., Al'Aref Subhi J., Baskaran Lohendran, van Rosendael Alexander R., Gransar Heidi, Andreini Daniele, Budoff Matthew J., Cademartiri Filippo, Chinnaiyan Kavitha, Choi Jung Hyun, Conte Edoardo, Marques Hugo, de Araújo Gonçalves Pedro, Gottlieb Ilan, Hadamitzky Martin, Leipsic Jonathon A., Maffei Erica, Pontone Gianluca, Raff Gilbert L., Shin Sanghoon, Kim Yong Jin, Lee Byoung Kwon, Chun Eun Ju, Sung Ji Min, Lee Sang Eun, Virmani Renu, Samady Habib, Stone Peter, Narula Jagat, Berman Daniel S., Bax Jeroen J., Shaw Leslee J., Lin Fay Y., Min James K., Chang Hyuk Jae
Percent atheroma volume: Optimal variable to report whole-heart atherosclerotic plaque burden with coronary CTA, the PARADIGM study	Journal of Cardiovascular Computed Tomography	10.1016/j.jcct.2020.01.012	van Rosendael Alexander R., Lin Fay Y., Ma Xiaoyue, van den Hoogen Inge J., Gianni Umberto, Al Hussein Omar, Al'Aref Subhi J., Peña Jessica M., Andreini Daniele, Al-Mallah Mouaz H., Budoff Matthew J., Cademartiri Filippo, Chinnaiyan Kavitha, Choi Jung Hyun, Conte Edoardo, Marques Hugo, de Araújo Gonçalves Pedro, Gottlieb Ilan, Hadamitzky Martin, Leipsic Jonathon A., Maffei Erica, Pontone Gianluca, Raff Gilbert L., Shin Sanghoon, Kim Yong Jin, Lee Byoung Kwon, Chun Eun Ju, Sung Ji Min, Lee Sang Eun, Berman Daniel S., Virmani Renu, Samady Habib, Stone Peter H., Narula Jagat, Bax Jeroen J., Shaw Leslee J., Min James K., Chang Hyuk Jae
Increased long-term mortality in women with high left ventricular ejection fraction: data from the CONFIRM (COronary CT Angiography Evaluation For Clinical Outcomes: An International Multicenter) long-term registry	European Heart Journal-Cardiovascular Imaging	10.1093/ehjci/jez321	Gebhard Catherine, Maredziak Monika, Messlerli Michael, Buechel Ronny R., Lin Fay, Gransar Heidi, Achenbach Stephan, Al-Mallah Mouaz H., Andreini Daniele, Bax Jeroen J., Berman Daniel S., Budoff Matthew J., Cademartiri Filippo, Callister Tracy Q., Chang Hyuk Jae, Chinnaiyan Kavitha, Chow Benjamin J.W., Cury Ricardo C., Delago Augustin, Feuchtnr Gudrun, Hadamitzky Martin, Hausleiter Joerg, Kim Yong Jin, Leipsic Jonathon, Maffei Erica, Marques Hugo, Gonçalves Pedro De Araújo, Pontone Gianluca, Raff Gilbert L., Rubinshtein Ronen, Shaw Leslee J., Villines Todd C., Lu Yao, Jones Erica C., Peña Jessica M., Min James K., Kaufmann Philipp A.
Whole body positron emission tomography-MRI of Erdheim-Chester disease: a case report	Quantitative Imaging in Medicine and Surgery	10.21037/qims-19-953	Garbino Nunzia, Punzo Bruna, Todisco Antonio, Cirillo Giovanni, Cavaliere Carlo
What Happens to the Aortic Root Morphology and Flow When We Replace the Aortic Valve?	JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY	10.1016/j.jacc.2020.06.087	Besola Laura, Cademartiri Filippo, Belluco Enrica, Gerosa Gino, Colli Andrea
Erdheim-Chester disease: A challenging diagnosis for an effective therapy	CLINICAL NEUROLOGY AND NEUROSURGERY	10.1016/j.clineuro.2020.105841	Todisco Antonio, Cavaliere Carlo, Vaglio Augusto, Marano Massimo, Bonometti Arturo, Passoni Emanuela, Berti Emilio, Cirillo Mario, Cirillo Giovanni
Positive tissue transglutaminase antibodies with negative endomysial antibodies	JOURNAL OF IMMUNOLOGICAL METHODS	10.1016/j.jim.2020.112910	Infantino Maria, Merone Mario, Manfredi Mariangela, Grossi Valentina, Landini Alessandra, Alessio Maria Grazia, Previtali Giulia, Trevisan Maria Teresa, Porcelli Brunetta, Fabris Martina, Macchia Donatella, Villalta Danilo, Cinquanta Luigi, D'Antoni Federico, Iannello Giulio, Soda Paolo, Bizzaro Nicola

Association of High-Density Calcified 1K Plaque with Risk of Acute Coronary Syndrome	JAMA Cardiology	10.1001/jamacardio.2019.5315	Alexander R. van Rosendael, Jagat Narula, Fay Y. Lin, Inge J. van den Hoogen, Umberto Gianni, Omar Al Hussein Alawamh, Patricia C. Dunham, Jessica M. Peña, Sang-Eun Lee, Daniele Andreini, Cademartiri Filippo, Kavitha Chinnaiyan, Benjamin J. W. Chow, Edoardo Conte, Ricardo C. Cury, Gudrun Feuchtner, Martin Hadamitzky, Yong-Jin Kim, Jonathon Leipsic, Erica Maffei, Hugo Marques, Pedro de Araújo Gonçalves, Fabian Plank, Gianluca Pontone, Gilbert L. Raff, Todd C. Villines, Harald G. Weirich, Subhi J. Al'Aref, Lohendran Baskaran, Iksung Cho, Ibrahim Danad, Donghee Han, Ran Heo, Ji Hyun Lee, Asim Rivzi, Wijnand J. Stuijtzand, Heidi Gransar, Yao Lu, Ji Min Sung, Hyung-Bok Park, Habib Samady, Peter H. Stone, Renu Virmani, Matthew J. Budoff, Daniel S. Berman, Hyuk-Jae Chang, Jeroen J. Bax, James K. Min, Leslee J. Shaw
Resveratrol, Rapamycin and Metformin as Modulators of Antiviral Pathways	Viruses-Basel	10.3390/v12121458	Benedetti Francesca, Sorrenti Vincenzo, Buriani Alessandro, Fortinguerra Stefano, Scapagnini Giovanni, Zella Davide
Impact of age on coronary artery plaque progression and clinical : A PARADIGM substudy	Journal of Cardiovascular Computed Tomography	10.1016/j.jcct.2020.09.009	Kim Minkwan, Lee Seung Pyo, Kwak Soongu, Yang Seokhun, Kim Yong Jin, Andreini Daniele, Al-Mallah Mouaz H., Budoff Matthew J., Cademartiri Filippo, Chinnaiyan Kavitha, Choi Jung Hyun, Conte Edoardo, Marques Hugo, de Araújo Gonçalves Pedro, Gottlieb Ilan, Hadamitzky Martin, Leipsic Jonathon A., Maffei Erica, Pontone Gianluca, Raff Gilbert L., Shin Sanghoon, Lee Byoung Kwon, Chun Eun Ju, Sung Ji Min, Lee Sang Eun, Berman Daniel S., Lin Fay Y., Virmani Renu, Samady Habib, Stone Peter H., Narula Jagat, Bax Jeroen J., Shaw Leslee J., Min James K., Chang Hyuk Jae
The Gut Axis Involvement in Heart : Focus on Trimethylamine N-oxide	Heart Failure Clinics	10.1016/j.hfc.2019.08.001	Salzano Andrea, Cassambai Shabana, Yazaki Yoshiyuki, Israr Muhammad Zubair, Bernieh Dennis, Wong Max, Suzuki Toru
Useful applications of growth factors for cardiovascular regenerative medicine	GROWTH FACTORS	10.1080/08977194.2020.1825410	De Pascale Maria Rosaria, Della Mura Nunzia, Vacca Michele, Napoli Claudio
A case report of right coronary artery agenesis diagnosed by computed tomography coronary angiography	MEDICINE	10.1097/MD.00000000000019176	Forte Ernesto, Punzo Bruna, Agrusta Marco, Salvatore Marco, Spidalieri Gianluca, Cavaliere Carlo
Ethnic differences in association of outcomes with trimethylamine N-oxide in acute heart failure patients	ESC Heart Failure	10.1002/ehf2.12777	Yazaki Yoshiyuki, Aizawa Kenichi, Israr Muhammad Zubair, Negishi Keita, Salzano Andrea, Saitoh Yuka, Kimura Natsuka, Kono Ken, Heaney Liam, Cassambai Shabana, Bernieh Dennis, Lai Florence, Imai Yasushi, Kario Kazuomi, Nagai Ryoza, Ng Leong L., Suzuki Toru
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	van Rosendael Alexander R, Bax A Maxim, van den Hoogen Inge J, Smit Jeff M, Al'Aref Subhi J, Achenbach Stephan, Al-Mallah Mouaz H, Andreini Daniele, Berman Daniel S, Budoff Matthew J, Cademartiri Filippo, Callister Tracy Q, Chang Hyuk-Jae, Chinnaiyan Kavitha, Chow Benjamin J W, Cury Ricardo C, DeLago Augustin, Feuchtner Gudrun, Hadamitzky Martin, Hausleiter Joerg, Kaufmann Philipp A, Kim Yong-Jin, Leipsic Jonathon A, Maffei Erica, Marques Hugo, de Araújo Gonçalves Pedro, Pontone Gianluca, Raff Gilbert L, Rubinshtein Ronen, Villines Todd C, Gransar Heidi, Lu Yao, Peña Jessica M, Lin Fay Y, Shaw Leslee J, Narula Jagat, Min James K, Bax Jeroen J
Validity of epicardial fat volume as biomarker of coronary artery disease in symptomatic individuals: Results from the ALTER-BIO registry	INTERNATIONAL JOURNAL OF CARDIOLOGY	10.1016/j.ijcard.2020.04.031	Milanese Gianluca, Silva Mario, Ledda Roberta Eufrazia, Goldoni Matteo, Nayak Sundeep, Bruno Livia, Rossi Enrica, Maffei Erica, Cademartiri Filippo, Sverzellati Nicola
Quantitative assessment of coronary plaque volume change related to triglyceride glucose index: The Progression of Atherosclerotic Plaque Determined by Computed Tomographic Angiography IMaging (PARADIGM) registry	Cardiovascular Diabetology	10.1186/s12933-020-01081-w	Ki-Bum Won, Byoung Kwon Lee, Hyung-Bok Park, Ran Heo, Sang-Eun Lee, Asim Rivzi, Fay Y. Lin, Amit Kumar, 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, Sanghoon Shin, Jung Hyun Choi, Renu Virmani, Habib Samady, Kavitha Chinnaiyan, Gilbert L. Raff, Peter H. Stone, Daniel S. Berman, Jagat Narula, Leslee J. Shaw, Jeroen J. Bax, James K. Min, Hyuk-Jae Chang
Safety and feasibility of upper limb cardiopulmonary exercise test in Friedreich ataxia	European Journal of Preventive Cardiology	10.1093/eurjpc/zwaa134	Chiara Pane, Salzano Andrea, Assunta Trinchillo, Claudia Del Prete, Carlo Casali, Christian Marcotulli, Giovanni Defazio, Vincenzo Guardasole, Rossella Vastarella, Francesco Giallauria, Giorgia Puorro, Angela Marsili, Giovanna De Michele, Alessandro Filla, Antonio Cittadini, Francesco Saccà
A Boosted Ensemble Algorithm for Determination of Plaque Stability in High-Risk Patients on Coronary CTA	JACC-Cardiovascular Imaging	10.1016/j.jcmg.2020.03.025	Al'Aref Subhi J., Singh Gurpreet, Choi Jeong W., Xu Zhuoran, Maliakal Gabriel, van Rosendael Alexander R., Lee Benjamin C., Fatima Zahra, Andreini Daniele, Bax Jeroen J., Cademartiri Filippo, Chinnaiyan Kavitha, Chow Benjamin J.W., Conte Edoardo, Cury Ricardo C., Feuchtner Gudrun, Hadamitzky Martin, Kim Yong Jin, Lee Sang Eun, Leipsic Jonathon A., Maffei Erica, Marques Hugo, Plank Fabian, Pontone Gianluca, Raff Gilbert L., Villines Todd C., Weirich Harald G., Cho Iksung, Danad Ibrahim, Han Donghee, Heo Ran, Lee Ji Hyun, Rizvi Asim, Stuijtzand Wijnand J., Gransar Heidi, Lu Yao, Sung Ji Min, Park Hyung Bok, Berman Daniel S., Budoff Matthew J., Samady Habib, Stone Peter H., Virmani Renu, Narula Jagat, Chang Hyuk Jae, Lin Fay Y., Baskaran Lohendran, Shaw Leslee J., Min James K.
Imaging and Biomarkers in Acute Aortic Syndromes: Diagnostic and Prognostic Implications	CURRENT PROBLEMS IN CARDIOLOGY	10.1016/j.cpcardiol.2020.100654	Bossone Eduardo, Czerny Martin, Lerakis Stamatios, Rodríguez-Palomares José, Kukar Nina, Ranieri Brigida, Russo Valentina, Punzo Bruna, Cocchia Rosangela, Cademartiri Filippo, Suzuki Toru, Evangelista Arturo
Accuracy and reproducibility of automated white matter hyperintensities segmentation with lesion segmentation tool: A European multi-site 3T study	MAGNETIC RESONANCE IMAGING	10.1016/j.mri.2020.11.008	Federica Ribaldi, Daniele Altomare, Jorge Jovicich, Clarissa Ferrari, Agnese Picco, Francesca Benedetta Pizzini, Soricelli Andrea, Anna Mega, Antonio Ferretti, Antonios Drevelegas, Beatriz Bosch, Bernhard W Müller, Camillo Marra, Cavaliere Carlo, David Bartrés-Faz, Flavio Nobili, Franco Alessandrini, Frederik Barkhof, Helene Gros-Dagnac, Jean-Philippe Ranjeva, Jens Wiltfang, Joost Kuijjer, Julien Sein, Karl-Titus Hoffmann, Luca Roccatagliata, Lucilla Parnetti, Magda Tsolaki, Manos Constantinidis, Aiello Marco, Salvatore Marco, Martina Montalti, Massimo Caulo, Mira Didic, Núria Bargallo, Olivier Blin, Paolo M Rossini, Peter Schonknecht, Piero Floridi, Pierre Payoux, Pieter Jelle Visser, Régis Bordet, Renaud Lopes, Roberto Tarducci, Stephanie Bombois, Tilman Hensch, Ute Fiedler, Jill C Richardson, Giovanni B Frisoni, Moira Marizzoni
Multipurpose Na <sup>+</sup> ions mediate excitation and cellular homeostasis: Evolution of the concept of Na <sup>+</sup> pumps and Na <sup>+</sup> /Ca <sup>2+</sup> exchangers	CELL CALCIUM	10.1016/j.ceca.2020.102166	Blaustein Mordecai P., Lariccia Vincenzo, Khanashvili Daniel, Annunziato Lucio, Verkhatsky Alexei
Abnormalities of Cortical Sources of Resting State Alpha Electroencephalographic Rhythms are Related to Education Attainment in Cognitively Unimpaired Seniors and Patients with Alzheimer's Disease and Amnesic Mild Cognitive Impairment	CEREBRAL CORTEX	10.1093/cercor/bhaa356	Babiloni Claudio, Ferri Raffaele, Noce Giuseppe, Lizio Roberta, Lopez Susanna, Lorenzo Ivan, Panzavolta Andrea, Soricelli Andrea, Nobili Flavio, Arnaldi Dario, Famà Francesco, Orzi Francesco, Buttinelli Carla, Giubilei Franco, Cipollini Virginia, Marizzoni Moira, Güntekin Bahar, Aktürk Tuba, Hanozlu Lutfu, Yener Görsel, Özbek Yağmur, Stocchi Fabrizio, Vacca Laura, Frisoni Giovanni B, Del Percio Claudio
From Uncommon Infection to Multi-Cranial Palsy	Dose-Response	10.1177/1559325820963910	Ferlito Salvatore, Maniaci Antonino, Di Luca Milena, Grillo Calogero, MANNELLI LORENZO, Salvatore Marco, La Mantia Ignazio, Spinato Giacomo, Cocuzza Salvatore
Spatially filtered emotional faces dominate during binocular rivalry	Brain Sciences	10.3390/brainsci10120998	Turano Maria Teresa, Giganti Fiorenza, Gioele Gavazzi, Lamberto Simone, Gronchi Giorgio, Giovannelli Fabio, Peru Andrea, Viggiano Maria Pia
Ongoing Electroencephalographic Rhythms Related to Exploratory Movements in Transgenic TASTPM Mice	JOURNAL OF ALZHEIMERS DISEASE	10.3233/JAD-190351	Consortium PharmaCog, Del Percio Claudio, Drinkenburg Wilhelmus, Lopez Susanna, Pascarelli Maria Teresa, Lizio Roberta, Noce Giuseppe, Ferri Raffaele, Bastlund Jesper Frank, Laursen Bettina, Christensen Ditte Zerlang, Pedersen Jan T, Forloni Gianluigi, Frasca Angelisa, Noè Francesco M, Fabene Paolo Francesco, Bertini Giuseppe, Colavito Valeria, Bentivoglio Marina, Kelley Jonathan, Dix Sophie, Infarinato Francesco, Soricelli Andrea, Stocchi Fabrizio, Richardson Jill C, Babiloni Claudio

Altered Regional Brain Homogeneity of BOLD Signal in CADASIL	JOURNAL OF NEUROIMAGING	10.1111/jon.12821	Orsolini Stefano, Marzi Chiara, Gioele Gavazzi, Bianchi Andrea, Salvadori Emilia, Giannelli Marco, Donnini Ida, Rinnoci Valentina, Pescini Francesca, Pantoni Leonardo, Mascalchi Mario, Diciotti Stefano
Positive allosteric modulation of indoleamine 2,3-dioxygenase 1 restrains neuroinflammation	PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA	10.1073/pnas.1918215117	Mondanelli Giada, Coletti Alice, Greco Francesco Antonio, Pallotta Maria Teresa, Orabona Ciriana, Iacono Alberta, Belladonna Maria Laura, Albini Elisa, Panfili Eleonora, Fallarino Francesca, Gargaro Marco, Manni Giorgia, Martino Davide, Carvalho Agostinho, Cunha Cristina, Maciel Patricia, Filippo Massimiliano Di, Gaetani Lorenzo, Bianchi Roberta, Vacca Carmine, Iamandii Ioana Maria, Proietti Elisa, Boscia Francesca, Annunziato Lucio, Peppelenbosch Maikel, Puccetti Paolo, Calabresi Paolo, Macchiarulo Antonio, Santambrogio Laura, Volpi Claudia, Grohmann Ursula
Contiguity of proactive and reactive inhibitory brain areas: a cognitive model based on ALE meta-analyses	Brain Imaging and Behavior	10.1007/s11682-020-00369-5	Gioele Gavazzi, Giovannelli Fabio, Currò Tommaso, Mascalchi Mario, Viggiano Maria Pia
Electroencephalographic and Neuroimaging Asymmetry Correlation in Patients with Attention-Deficit Hyperactivity Disorder	NEURAL PLASTICITY	10.1155/2020/4838291	Longarzo Mariachiara, Cavaliere Carlo, Alfano Vincenzo, MELE GIULIA, Salvatore Marco, Aiello Marco
Sumoylation of sodium/calcium exchanger in brain ischemia and ischemic preconditioning	CELL CALCIUM	10.1016/j.ceca.2020.102195	Cuomo Ornella, Casamassa Antonella, Brancaccio Paola, Laudati Giusy, Valsecchi Valeria, anzilotti serenella, Vinciguerra Antonio, Pignataro Giuseppe, Annunziato Lucio
The Na <sup>+</sup> /Ca <sup>2+</sup> exchanger in Alzheimer's disease	CELL CALCIUM	10.1016/j.ceca.2020.102190	Pannaccione Anna, Piccialli Ilaria, Secondo Agnese, Ciccone Roselia, Molinaro Pasquale, Boscia Francesca, Annunziato Lucio
Nuclear-encoded NCX3 and AKAP121: Two novel modulators of mitochondrial calcium efflux in normoxic and hypoxic neurons	CELL CALCIUM	10.1016/j.ceca.2020.102193	Sisalli Maria Josè, Feliciello Antonio, Della Notte Salvatore, Di Martino Rossana, Borzacchiello Domenica, Annunziato Lucio, Scorziello Antonella
Fyn Tyrosine Kinase Elicits Amyloid Precursor Protein Tyr682 Phosphorylation in Neurons from Alzheimer's Disease Patients	Cells	10.3390/cells9081807	Iannuzzi Filomena, Sirabella Rossana, Canu Nadia, Maier Thorsten J., Annunziato Lucio, Matrone Carmela
Transcriptional and epigenetic regulation of ncx1 and ncx3 in the brain	CELL CALCIUM	10.1016/j.ceca.2020.102194	Formisano Luigi, guida natascia, Mascolo Luigi, Serani Angelo, Laudati Giusy, Pizzorusso Vincenzo, Annunziato Lucio
Sodium/calcium exchanger as main effector of endogenous neuroprotection elicited by ischemic tolerance	CELL CALCIUM	10.1016/j.ceca.2020.102183	Pignataro G., Brancaccio P., Laudati G., Valsecchi V., anzilotti serenella, Casamassa A., Cuomo O., Vinciguerra A.
New perspectives for selective NCX activators in neurodegenerative diseases	CELL CALCIUM	10.1016/j.ceca.2020.102170	Annunziato Lucio, Secondo Agnese, Pignataro Giuseppe, Scorziello Antonella, Molinaro Pasquale
Gliosid and Neurodegenerative Diseases: The Role of PET and MR Imaging	Frontiers in Cellular Neuroscience	10.3389/fncel.2020.00075	Cavaliere Carlo, TRAMONTANO LIBERATORE, Fiorenza Dario, Alfano Vincenzo, Aiello Marco, Salvatore Marco
Genetic Up-Regulation or Pharmacological Activation of the Na <sup>+</sup> / Ca <sup>2+</sup> Exchanger 1 (NCX1) Enhances Hippocampal-Dependent Contextual and Spatial Learning and Memory	MOLECULAR NEUROBIOLOGY	10.1007/s12035-020-01888-4	Natale Silvia, anzilotti serenella, Petrozziello Tiziana, Ciccone Roselia, Serani Angelo, Calabrese Lucrezia, Severino Beatrice, Frecentese Francesco, Secondo Agnese, Pannaccione Anna, Fiorino Ferdinando, Cuomo Ornella, Vinciguerra Antonio, D'Esposito Lucia, Sadile Adolfo Gustavo, Cabib Simona, Di Renzo Gianfranco, Annunziato Lucio, Molinaro Pasquale
miR-206 Reduces the Severity of Motor Neuron Degeneration in the Facial Nuclei of the Brainstem in a Mouse Model of SMA	MOLECULAR THERAPY	10.1016/j.ymthe.2020.01.013	Valsecchi Valeria, anzilotti serenella, Serani Angelo, Laudati Giusy, Brancaccio Paola, guida natascia, Cuomo Ornella, Pignataro Giuseppe, Annunziato Lucio
Genetically modified mice to unravel physiological and pathophysiological roles played by NCX isoforms	CELL CALCIUM	10.1016/j.ceca.2020.102189	Molinaro Pasquale, Natale Silvia, Serani Angelo, Calabrese Lucrezia, Secondo Agnese, Tedeschi Valentina, Valsecchi Valeria, Pannaccione Anna, Scorziello Antonella, Annunziato Lucio
Cortical thickness, local gyrification index and fractal dimensionality in people with acute and recovered Anorexia Nervosa and in people with Bulimia Nervosa	PSYCHIATRY RESEARCH-NEUROIMAGING	10.1016/j.psychres.2020.111069	Cascino Giammarco, Canna Antonietta, Monteleone Alessio Maria, Russo Andrea Gerardo, Prinster Anna, Aiello Marco, Esposito Fabrizio, Salle Francesco Di, Monteleone Palmiero
Microstructural changes in motor functional conversion disorder: Multimodal Imaging Approach on a Case	Brain Sciences	10.3390/brainsci10060385	Longarzo Mariachiara, Cavaliere Carlo, MELE GIULIA, Tozza Stefano, TRAMONTANO LIBERATORE, Alfano Vincenzo, Aiello Marco, Salvatore Marco, Grossi Dario
Effects of Music Reading on Motor Cortex Excitability in Pianists	NEUROSCIENCE	10.1016/j.neuroscience.2020.04.022	Giovannelli Fabio, Rossi Simone, Borgheresi Alessandra, Gioele Gavazzi, Zaccara Gaetano, Viggiano Maria Pia, Cincotta Massimo
Mouse tracking to explore motor inhibition processes in go/no-go and stop signal tasks	Brain Sciences	10.3390/brainsci10070464	Benedetti Viola, Gioele Gavazzi, Giovannelli Fabio, Bravi Riccardo, Giganti Fiorenza, Minciocchi Diego, Mascalchi Mario, Cincotta Massimo, Viggiano Maria Pia
Neuroimaging of Narcolepsy and Primary Hypersomnias	NEUROSCIENTIST	10.1177/1073858420905829	Cavaliere Carlo, Longarzo Mariachiara, Fogel Stuart, Engström Maria, Soddu Andrea
Cerebral microstructural abnormalities in impulsivity: a magnetic resonance study	Brain Imaging and Behavior	10.1007/s11682-020-00261-2	Alfano Vincenzo, Longarzo Mariachiara, Aiello Marco, Soricelli Andrea, Cavaliere Carlo
A broad-spectrum review on multimodal neuroimaging in bulimia nervosa and binge eating disorder	APPETITE	10.1016/j.appet.2020.104712	MELE GIULIA, Alfano Vincenzo, Cotugno A., Longarzo Mariachiara
Multimodal neuroimaging in anorexia nervosa	JOURNAL OF NEUROSCIENCE RESEARCH	10.1002/jnr.24674	Alfano Vincenzo, MELE GIULIA, Cotugno Armando, Longarzo Mariachiara
Neural Correlates of Gender Face Perception in Transgender People	Journal of Clinical Medicine	10.3390/jcm9061731	Fisher Alessandra Daphne, Ristori Jiska, Castellini Giovanni, Cocchetti Carlotta, Cassioli Emanuele, Orsolini Stefano, Sensi Carolina, Romani Alessia, Mazzoli Francesca, Cipriani Agnese, Ricca Valdo, Vignozzi Linda, Viggiano Maria Pia, Mascalchi Mario, Maggi Mario, Gioele Gavazzi
Remote postconditioning ameliorates stroke damage by preventing let-7a and miR-143 up-regulation	Theranostics	10.7150/thno.48135	Vinciguerra Antonio, Cepparulo Pasquale, anzilotti serenella, Cuomo Ornella, Valsecchi Valeria, Amoroso Salvatore, Annunziato Lucio, Pignataro Giuseppe
Abnormal cortical neural synchronization mechanisms in quiet wakefulness are related to motor deficits, cognitive symptoms, and visual hallucinations in Parkinson's disease patients: an electroencephalographic study	NEUROBIOLOGY OF AGING	10.1016/j.neurobiolaging.2020.02.029	Babiloni Claudio, Pascarelli Maria Teresa, Lizio Roberta, Noce Giuseppe, Lopez Susanna, Rizzo Marco, Ferri Raffaele, Soricelli Andrea, Nobili Flavio, Arnaldi Dario, Famà Francesco, Orzi Francesco, Buttinelli Carla, Giubilei Franco, Salvetti Marco, Cipollini Virginia, Bonanni Laura, Franciotti Raffaella, Onofri Marco, Stirpe Paola, Fuhr Peter, Gschwandtner Ute, Ransmayr Gerhard, Aarsland Dag, Parnetti Lucilla, Farotti Lucia, Marizzoni Moira, D'Antonio Fabrizia, De Lena Carlo, Güntekin Bahar, Hanoğlu Lutfu, Yener Görsev, Emek-Savaş Derya Durusu, Triggiani Antonio Ivano, Taylor John Paul, McKeith Ian, Stocchi Fabrizio, Vacca Laura, Hampel Harald, Frisoni Giovanni B, De Pandis Maria Francesca, Del Percio Claudio
Late-Onset Epilepsy With Unknown Etiology: A Pilot Study on Neuropsychological Profile, Cerebrospinal Fluid Biomarkers, and Quantitative EEG Characteristics	Frontiers in Neurology	10.3389/fneur.2020.00199	Nardi Cesarini Elena, Babiloni Claudio, Salvadori Nicola, Farotti Lucia, Del Percio Claudio, Pascarelli Maria Teresa, Noce Giuseppe, Lizio Roberta, Da Re Fulvio, Isella Valeria, Tremolizzo Lucio, Romoli Michele, DiFrancesco Jacopo C, Parnetti Lucilla, Costa Cinzia
Resting-state posterior alpha rhythms are abnormal in subjective memory complaint seniors with preclinical Alzheimer's neuropathology and high education level: the INSIGHT-preAD study	NEUROBIOLOGY OF AGING	10.1016/j.neurobiolaging.2020.01.012	group INSIGHT-preAD study, Babiloni Claudio, Lopez Susanna, Del Percio Claudio, Noce Giuseppe, Pascarelli Maria Teresa, Lizio Roberta, Teipel Stefan J., González-Escamilla Gabriel, Bakardjian Hovagim, George Nathalie, Cavedo Enrica, Lista Simone, Chiesa Patrizia Andrea, Vergallo Andrea, Lemerrier Pablo, Spinelli Giuseppe, Grothe Michel J., Potier Marie Claude, Stocchi Fabrizio, Ferri Raffaele, Habert Marie Odile, Fraga Francisco J., Dubois Bruno, Hampel Harald

Abnormalities of resting-state EEG in patients with prodromal and overt dementia with Lewy bodies: Relation to clinical symptoms	CLINICAL NEUROPHYSIOLOGY	10.1016/j.clinph.2020.09.004	Pascarelli M.T., Del Percio C., De Pandis M.F., Ferri R., Lizio Roberta, Noce Giuseppe, Lopez S., Rizzo M., Soricelli Andrea, Nobili F., Arnaldi D., Famà F., Orzi F., Buttinelli C., Giubilei F., Salvetti M., Cipollini V., Franciotti R., Onofri M., Fuhr P., Gschwandtner U., Ransmayr G., Aarsland D., Parnetti L., Farotti L., Marizzoni M., D'Antonio F., De Lena C., Güntekin B., Hanoğlu L., Yener G., Emek-Savaç D.D., Ivano Triggiani A., Paul Taylor J., McKeith I., Stocchi F., Vacca L., Hampel H., Frisoni G.B., Bonanni L., Babiloni C.
Resting-state electroencephalographic delta rhythms may reflect global cortical arousal in healthy old seniors and patients with Alzheimer's disease dementia	INTERNATIONAL JOURNAL OF PSYCHOPHYSIOLOGY	10.1016/j.ijpsycho.2020.08.012	Babiloni Claudio, Ferri Raffaele, Noce Giuseppe, Lizio Roberta, Lopez Susanna, Soricelli Andrea, Nobili Flavio, Arnaldi Dario, Famà Francesco, Orzi Francesco, Buttinelli Carla, Giubilei Franco, Cipollini Virginia, Marizzoni Moira, Güntekin Bahar, Aktürk Tuba, Hanoğlu Lutfu, Yener Görsev, Emek-Savaç Derya Durusu, Stocchi Fabrizio, Vacca Laura, Frisoni Giovanni B., Del Percio Claudio
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Chronic BACE-1 Inhibitor Administration in TASTPM Mice (APP KM670/671NL and PSEN1 M146V Mutation): An EEG Study	INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES	10.3390/ijms21239072	Lopez Susanna, Del Percio Claudio, Forloni Gianluigi, Frasca Angelisa, Drinkenburg Wilhelmus H, Lizio Roberta, Noce Giuseppe, Ferri Raffaele, Soricelli Andrea, Stocchi Fabrizio, Vacca Laura, Bordet Régis, Richardson Jill C, Babiloni Claudio
Consciousness and the Dimensionality of DOC Patients via the Generalized Ising Model	Journal of Clinical Medicine	10.3390/jcm9051342	Abeyasinghe Pubuditha M, Aiello Marco, Nichols Emily S, Cavaliere Carlo, Fiorenza Salvatore, Masotta Orsola, Borrelli Pasquale, Owen Adrian M, Estraneo Anna, Soddu Andrea
Amygdalar nuclei and hippocampal subfields on MRI: Test-retest reliability of automated volumetry across different MRI sites and vendors	NEUROIMAGE	10.1016/j.neuroimage.2020.116932	PharmaCog Consortium Gruppo, Quattrini Giulia, Pievani Michela, Jovicich Jorge, Aiello Marco, Bargalló Núria, Barkhof Frederik, Bartres-Faz David, Beltramello Alberto, Pizzini Francesca B, Blin Olivier, Bordet Régis, Caulo Massimo, Constantinides Manos, Dedic Mira, Drevelegas Antonios, Ferretti Antonio, Fiedler Ute, Floridi Piero, Gros-Dagnac Hélène, Hensch Tilman, Hoffmann Karl-Titus, Kuijjer Joost P, Lopes Renaud, Marra Camillo, Müller Bernhard W, Nobili Flavio, Parnetti Lucilla, Payoux Pierre, Picco Agnese, Ranjeva Jean-Philippe, Roccatagliata Luca, Rossini Paolo M, Salvatore Marco, Schonknecht Peter, Schott Björn H, Sein Julien, Soricelli Andrea, Tarducci Roberto, Tsolaki Magda, Visser Pieter J, Wiltfang Jens, Richardson Jill C, Frisoni Giovanni B, Marizzoni Moira
Comparison of Bioinformatics Pipelines and Operating Systems for the Analyses of 16S rRNA Gene Amplicon Sequences in Human Fecal Samples	Frontiers in Microbiology	10.3389/fmicb.2020.01262	Marizzoni Moira, Gurry Thomas, Provasi Stefania, Greub Gilbert, Lopizzo Nicola, Ribaldi Federica, Festari Cristina, Mazzelli Monica, Mombelli Elisa, Salvatore Marco, Mirabelli Peppino, Franzese Monica, Soricelli Andrea, Frisoni Giovanni B, Cattaneo Annamaria
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In vivo imaging of CNS microglial activation/macrophage infiltration with combined [18F]DPA-714-PET and SPIO-MRI in a mouse model of relapsing remitting experimental autoimmune encephalomyelitis	EUROPEAN JOURNAL OF NUCLEAR MEDICINE AND MOLECULAR IMAGING	10.1007/s00259-020-04842-7	Coda AR, anzilotti serenella, Boscia F, Greco A, Panico M , Gargiulo S, Gramanzini M, Zannetti A, Albanese S, Pignataro G, Annunziato Lucio, Salvatore Marco, Brunetti A, De Berardinis P, Quarantelli M, Palma G, Pappatà S
Gender Differences in Neurodegeneration, Neuroinflammation and Na <sup>+</sup> - Ca <sup>2+</sup> Exchangers in the Female A53T Transgenic Mouse Model of Parkinson's Disease	Frontiers in Aging Neuroscience	10.3389/fnagi.2020.00118	Costa Giulia, Sisalli Maria Jose, Simola Nicola, Della Notte Salvatore, Casu Maria Antonietta, Serra Marcello, Pinna Annalisa, Feliciello Antonio, Annunziato Lucio, Scorziello Antonella, Morelli Micaela
Knocking-out the Siah2 E3 ubiquitin ligase prevents mitochondrial NCX3 degradation, regulates mitochondrial fission and fusion, and restores mitochondrial function in hypoxic neurons	Cell Communication and Signaling	10.1186/s12964-020-0529-x	Sisalli Maria José, Ianniello Gaetano, Savoia Claudia, Cuomo Ornella, Annunziato Lucio, Scorziello Antonella
[18F]FDG uptake of the normal spinal cord in PET/MR imaging: comparison with PET/CT imaging	EJNMMI Research	10.1186/s13550-020-00680-8	Aiello Marco, Alfano Vincenzo, Salvatore E, Cavaliere Carlo, Picardi M, Della Pepa R, Nicolai Emanuele, Soricelli Andrea, Vella A, Salvatore Marco, Mascalchi M
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Heart failure management during the COVID-19 outbreak in Italy	EUROPEAN JOURNAL OF HEART FAILURE	10.1002/ehjhf.1911	Salzano Andrea, D'Assante Roberta, Stagnaro Francesca M., Valente Valeria, Crisci Giulia, Giardino Federica, Arcopinto Michele, Bossone Eduardo, Marra Alberto M., Cittadini Antonio
Subclinical coronary artery disease in COVID-19 patients	European Heart Journal-Cardiovascular Imaging	10.1093/ehjci/jeaa202	Fovino Luca Nai, Cademartiri Filippo, Tarantini Giuseppe
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Right ventricular-arterial uncoupling independently predicts survival in COVID-19 ARDS	CRITICAL CARE	10.1186/s13054-020-03385-5	D'Alto Michele, Marra Alberto M., Severino Sergio, Salzano Andrea, Romeo Emanuele, De Rosa Rosanna, Stagnaro Francesca Maria, Pagnano Gianpiero, Verde Raffaele, Murino Patrizia, Farro Andrea, Ciccarelli Giovanni, Vargas Maria, Fiorentino Giuseppe, Servillo Giuseppe, Gentile Ivan, Corcione Antonio, Cittadini Antonio, Naeije Robert, Golino Paolo
Molecular mechanisms involved in the positive effects of physical activity on coping with COVID-19	EUROPEAN JOURNAL OF APPLIED PHYSIOLOGY	10.1007/s00421-020-04484-5	Nigro Ersilia, Polito Rita, Alfieri Andreina, Mancini Annamaria, Imperlini Esther, Elce Ausilia, Krstrup Peter, Orrù Stefania, Buono Pasqualina, Daniele Aurora