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Titolo	Testata	DOI	Autori
A Systematic Review on the Role of the Perfusion Computed Tomography in Abdominal Cancer	Dose-Response	10.1177/15593258211056199	GARBINO NUNZIA, Brancato Valentina, SALVATORE MARCO, Cavaliere Carlo
Ablation rate after radioactive iodine therapy in patients with differentiated thyroid cancer at intermediate or high risk of recurrence: a systematic review and a meta-analysis	EUROPEAN JOURNAL OF NUCLEAR MEDICINE AND MOLECULAR IMAGING	10.1007/s00259-021-05440-x	Klain Michele, Nappi Carmela, Zampella Emilia, Cantoni Valeria, Green Roberta, Piscopo Leandra, Volpe Fabio, Manganelli Mariarosaria, Caiazza Elisa, Petretta Mario, Schlumberger Martin, Cuocolo Alberto
Abnormal Circulating Maternal miRNA Expression Is Associated with a Low (<4%) Cell-Free DNA Fetal Fraction	Diagnostics	10.3390/diagnostics11112108	Santoro Graziano, Lapucci Cristina, Giannoccaro Marco, Caporilli Simona, Rusin Martina, Seidenari Anna, Ferrari Maurizio, Farina Antonio
Adiponectin and leptin exert antagonizing effects on proliferation and motility of papillary thyroid cancer cell lines	JOURNAL OF PHYSIOLOGY AND BIOCHEMISTRY	10.1007/s13105-021-00789-x	Nigro E., Orlandella Francesca Maria, Polito R., Mariniello RM, Monaco ML, Mallardo M, De Stefano AE, Iervolino PLC, Salvatore G, Daniele A
Advances in functional imaging of differentiated thyroid cancer	Cancers	10.3390/cancers13194748	Klain Michele, Zampella Emilia, Nappi Carmela, NICOLAI EMANUELE, Ambrosio Raffaele, Califaretti Elena, Lamartina Livia, Schlumberger Martin, Deandreis Désirée, Salvatore Domenico, Cuocolo Alberto
Alphafold-predicted structures of kctd proteins unravel previously undetected relationships among the members of the family	Biomolecules	10.3390/biom11121862	Esposito Luciana, Balasco Nicole, Smaldone Giovanni, Berisio Rita, Ruggiero Alessia, Vitagliano Luigi
An international expert opinion statement on the utility of PET/MR for imaging of skeletal metastases	EUROPEAN JOURNAL OF NUCLEAR MEDICINE AND MOLECULAR IMAGING	10.1007/s00259-021-05198-2	Husseini JS, Amorim BJ, Torrado-Carvajal A, Prabhu V, Groshar D, Umütlu L, Herrmann K, Cañamaque LG, Garzón JRG, Palmer WE, Heidari P, Shih TT, Sosna J, Matushita C, Cerci J, Queiroz M, Muglia VF, Nogueira-Barbosa MH, Borra RJH, Kwee TC, Glaudemans AWJM, Evangelista L, SALVATORE MARCO, Cuocolo A, Soricelli Andrea, Herold C, Laghi A, Mayerhoefer M, Mahmood U, Catana C, Daldrup-Link HE, Rosen B, Catalano OA
Antifouling Strategies of Nanoparticles for Diagnostic and Therapeutic Application: A Systematic Review of the Literature	Nanomaterials	10.3390/nano11030780	Bevilacqua Paolo, Nuzzo Silvia, Torino Enza, Condorelli Gerolama, SALVATORE MARCO, GRIMALDI ANNA MARIA
Assessment and Prediction of Response to Neoadjuvant Chemotherapy in Breast Cancer: A Comparison of Imaging Modalities and Future Perspectives	Cancers	10.3390/cancers13143521	Romeo V, Accardo G, Perillo T, Basso Luca, GARBINO NUNZIA, NICOLAI EMANUELE, Maurea S, SALVATORE MARCO
Associations Between Dynamic Contrast Enhanced Magnetic Resonance Imaging and Clinically Relevant Histopathological Features in Breast Cancer: A Multicenter Analysis	IN VIVO	doi: 10.21873/invivo.12717.	Surov A, Kim JY, AIELLO MARCO, Huang W, Yankeelov TE, Wienke A, Pech M
COVID and Lung Cancer	Current Oncology Reports	10.1007/s11912-021-01125-8	Calabrò Luana, Rossi Giulia, Covre Alessia, Morra Aldo, Maio Michele Galatola Roberta, Attanasio Ludovica, Romeo Valeria, Mainolfi Ciro, Klain Michele, Simeoli Chiara, Modica Roberta, Guadagno Elia, Aprea Giovanni, Basso Luca, NICOLAI EMANUELE, SALVATORE MARCO, Maurea Simone
Characterization of Atypical Pheochromocytomas with Correlative MRI and Planar/Hybrid Radionuclide Imaging: A Preliminary Study	Applied Sciences-Basel	10.3390/app11209666	

Characterization with hybrid imaging of cystic pheochromocytomas: correlation with pathology	Quantitative Imaging in Medicine and Surgery	doi: 10.21037/qims-20-490.	Galatola R, , Romeo V,, Simeoli C, , Guadagno E, , De Rosa I, , Basso Luca, Mainolfi C, , Klain M, , NICOLAI EMANUELE, Colao A,, Maurea S, , SALVATORE MARCO
Complete Blood Count as point of care testing QBC STAR (TM): Preliminary evaluation	International Journal of Laboratory Hematology	10.1111/ijlh.13515	Napolitano Gavino, Caracciolo Alessandra, Apassiti Esposito Sara, Della Malva Nunzia, Manenti Barbara, Guerra Giovanni, Ottomano Cosimo, Lippi Giuseppe, Buoro Sabrina
Diphenylalanine Motif Drives Self-Assembling in Hybrid PNA-Peptide Conjugates	CHEMISTRY-A EUROPEAN JOURNAL	10.1002/chem.202102481	Diaferia Carlo, Avitabile Concetta, Leone Marilisa, GALLO ENRICO, Saviano Michele, Accardo Antonella, Romanelli Alessandra
Editorial: State of the Art CT and Image Quality, Radiation and Contrast Dose	Dose-Response	10.1177/15593258211056821	Cavaliere Carlo
Evaluation of a multiparametric MRI radiomic-based approach for stratification of equivocal PI-RADS 3 and upgraded PI-RADS 4 prostatic lesions	Scientific Reports	10.1038/s41598-020-80749-5	Brancato Valentina, AIELLO MARCO, Basso Luca, Monti S, , Palumbo L,, Di Costanzo G, , SALVATORE MARCO, Ragozzino A, , Cavaliere Carlo
Evaluation of five widely used serologic assays for antibodies to SARS-CoV-2	DIAGNOSTIC MICROBIOLOGY AND INFECTIOUS DISEASE	10.1016/j.diagmicrobio.2021.115587	Stocking C,, de Miguel L, , Suteu G, , Dressel A, , Soricelli Andrea, Roskos M, , Valor S, , Mutschmann C, , März W
Evaluation of the Diagnostic Performance of Positron Emission Tomography/Magnetic Resonance for the Diagnosis of Liver Metastases	INVESTIGATIVE RADIOLOGY	10.1097/RLI.0000000000000782	Zhang Caiyuan, Oshea Aileen, Parente Chiara Anna, Amorim Barbara Juarez, Caravan Peter, Ferrone Christina R., Blaszkowsky Lawrence S., Soricelli Andrea, SALVATORE MARCO, Groshar David, Bernstine Hanna, Domachevsky Liran, Canamaque Lina Garcia, Umutlu Lale, Ken Herrmann, Catana Ciprian, Mahmood Umar, Catalano Onofrio Antonio
Fabrication of fluorescent nanospheres by heating PEGylated tetratyrosine nanofibers	Scientific Reports	10.1038/s41598-020-79396-7	GALLO ENRICO, Diaferia Carlo, Balasco Nicole, Sibillano Teresa, Roviello Valentina, Giannini Cinzia, Vitagliano Luigi, Morelli Giancarlo, Accardo Antonella
Fluorescence Emission of Self-assembling Amyloid-like Peptides: Solution versus Solid State	CHEMPHYSICHEM	10.1002/cphc.202100570	Diaferia Carlo, Schiattarella Chiara, GALLO ENRICO, Della Ventura Bartolomeo, Morelli Giancarlo, Velotta Raffaele, Vitagliano Luigi, Accardo Antonella
Germline mutations in the thyroid hormone receptor alpha gene predispose to cutaneous tags and melanocytic nevi	THYROID	10.1089/thy.2020.0391	Emery Di Cicco, Carla Moran, W Edward Visser, Annarita Nappi , Erik Schoenmakers , Pamela Todd , Greta Lyons, Mehul Dattani , Ambrosio Raffaele, Silvia Parisi, Domenico Salvatore, Krishna Chatterjee, Monica Dentice
Giant Epidermoid Cyst of Posterior Fossa-Our Experience and Literature Review	Dose-Response	10.1177/15593258211002061	Spinato Giacomo, Gaudio Piergiorgio, Falcioni Maurizio, Mosto Maria Cristina Da, Cocuzza Salvatore, Maniaci Antonino, Fabbris Cristoforo, Politi Dorian, Volo Tiziana, Ferri Emanuele, Cristalli Giovanni, MANNELLI LORENZO, SALVATORE MARCO, Rizzo Paolo Boscolo, Frezza Daniele
Identification of a novel RNA aptamer that selectively targets breast cancer exosomes	Molecular Therapy-Nucleic Acids	10.1016/j.omtn.2021.01.012	Esposito C.L., , Quintavalle C., , Ingenito F., , Rotoli D., , Roscigno G., , Nuzzo Silvia, Thomas R., , Catuogno S., , de Francis V., , Condorelli G.
Imaging medullary thyroid cancer patients with detectable serum markers	ENDOCRINE	10.1007/s12020-021-02930-8	Klain Michele, Hadoux Julien, Nappi Carmela, Finessi Monica, Ambrosio Raffaele, Schlumberger Martin, Cuocolo Alberto, Deandreis Désirée, Salvatore Domenico
Impact of Breast Tumor Onset on Blood Count, Carcinoembryonic Antigen, Cancer Antigen 15-3 and Lymphoid Subpopulations Supported by Automatic Classification Approach	Cancer Control	10.1177/10732748211048612	Baselice Simona, CASTALDO ROSSANA, Giannatiempo Rosa, Casaretta Giovanni, Franzese Monica, SALVATORE MARCO, Mirabelli Peppino

Impact of a single point mutation on the antimicrobial and fibrillogenic properties of cryptides from human apolipoprotein B	Pharmaceuticals	10.3390/ph14070631	Gaglione Rosa, Smaldone Giovanni, Cesaro Angela, Rumolo Mariano, De Luca Maria, Di Girolamo Rocco, Petraccone Luigi, Del Vecchio Pompea, Oliva Rosario, Notomista Eugenio, Pedone Emilia, Arciello Angela
Impact of radiogenomics in esophageal cancer on clinical outcomes: A pilot study	WORLD JOURNAL OF GASTROENTEROLOGY	10.3748/wjg.v27.i36.6110	Brancato Valentina, GARBINO NUNZIA, MANNELLI LORENZO, AIELLO MARCO, SALVATORE MARCO, Franzese Monica, Cavaliere Carlo
Intracellular Water Lifetime as a Tumor Biomarker to Monitor Doxorubicin Treatment via FFC-Relaxometry in a Breast Cancer Model	Frontiers in Oncology	10.3389/fonc.2021.778823	Ruggiero Maria Rosaria, Baroni Simona, Bitonto Valeria, Ruiu Roberto, Rapisarda Smeralda, Aime Silvio, Geninatti Crich Simonetta
Investigating Dual-Energy CT Post-Contrast Phases for Liver Iron Quantification	Dose-Response	10.1177/15593258211011359	Basso Luca, Baldi Dario, MANNELLI LORENZO, Cavaliere Carlo, SALVATORE MARCO, Brancato Valentina
KCTD15 deregulation is associated with alterations of the NF- κ B signaling in both pathological and physiological model systems	Scientific Reports	10.1038/s41598-021-97775-6	Smaldone Giovanni, COPPOLA LUIGI, PANE KATIA, Franzese Monica, Beneduce Giuliana, Parasole Rosanna, Menna Giuseppe, Vitagliano Luigi, SALVATORE MARCO, Mirabelli Peppino
Members of the GADD45 protein family show distinct propensities to form toxic amyloid-like aggregates in physiological conditions	INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES	10.3390/ijms221910700	Smaldone Giovanni, Caruso Daniela, Sandomenico Annamaria, Iaccarino Emanuela, Focà Annalia, Ruggiero Alessia, Ruvo Menotti, Vitagliano Luigi
MuSA: a graphical user interface for multi-OMICs data integration in radiogenomic studies	Scientific Reports	10.1038/s41598-021-81200-z.	Zanfardino Mario, CASTALDO ROSSANA, PANE KATIA, AFFINITO ORNELLA, AIELLO MARCO, SALVATORE MARCO, Franzese Monica
Nano-bio interface between human plasma and niosomes with different formulations indicates protein corona patterns for nanoparticle cell targeting and uptake	Nanoscale	10.1039/d0nr07229j	Imperlini Esther, Celia C, , Cevenini A, , Mandola A,, Raia M,, Fresta M, , Orrù S, , Di Marzio L, , Salvatore F
PET/MRI for staging patients with Hodgkin lymphoma: equivalent results with PET/CT in a prospective trial	ANNALS OF HEMATOLOGY	10.1007/s00277-021-04537-5	Picardi M,, Cavaliere Carlo, Della Pepa R, , NICOLAI EMANUELE, Soricelli Andrea, Giordano C, , Pugliese N, , Rascato MG,, Cappuccio I, , Campagna G,, Cerchione C, , Vigliar E, , Troncone G, , Mascolo M, , Franzese Monica, CASTALDO ROSSANA, SALVATORE MARCO, Pane F
Pancreatic progenitor commitment is marked by an increase in ink4a/arf expression	Biomolecules	10.3390/biom11081124	Montano Elena, Pollice Alessandra, Lucci Valeria, Falco Geppino, AFFINITO ORNELLA, La Mantia Girolama, Vivo Maria, Angrisano Tiziana
Peptide-Based Hydrogels and Nanogels for Delivery of Doxorubicin	International Journal of Nanomedicine	10.2147/IJN.S296272	GALLO ENRICO, Diaferia Carlo, Rosa Elisabetta, Smaldone Giovanni, Morelli Giancarlo, Accardo Antonella
Preclinical Imaging Evaluation of miRNAs' Delivery and Effects in Breast Cancer Mouse Models: A Systematic Review	Cancers	10.3390/cancers13236020	Orlandella Francesca Maria, Auletta Luigi, Greco Adelaide, Zannetti Antonella, Salvatore Giuliana

Prevalence of interstitial pneumonia suggestive of COVID-19 at 18F-FDG PET/CT in oncological asymptomatic patients in a high prevalence country during pandemic period: a national multi-centric retrospective study	EUROPEAN JOURNAL OF NUCLEAR MEDICINE AND MOLECULAR IMAGING	10.1007/s00259-021-05219-0.	Albano D., Bertagna F., Alongi P., Baldari S., Baldoncini A., Bartolomei M., Boccaletto F., Boero M., Borsatti E., Bruno A., Burroni L., Capocchetti F., Castellani M., Cervino AR., Chierichetti F., Ciarmiello A., Corso A., Cuocolo A., De Rimini ML., Deandreis D., Dottorini ME., Esposito F., Farsad M., Gasparini M., Grana CM, Gregianin M., Guerra L., Loreti F., Lupi A., Martino G., Milan E., Modoni S., Morbelli S., Muni A., NICOLAI EMANUELE, Palumbo B., Papa S., Papaleo A., Pellerito R., Poti C., Romano P., Rossetti C., Rossini P., Rubini G., Ruffini L., Sacchetti G., Savelli G., Schiavariello S., Sciagrà R., Sciuto R., Seregni E., Sestini S., Sicolo M., Spanu A., Storto G., Balducci MT., Trifirò G., Versari A., Vignati A., Volterrani D., Calcagni ML., Marzola MC., Garufo A., Evangelista L., Maroldi R., Giubbini R., On the behalf of Italian Association of Nuclear Medicine (AIMN)
Prognostic value of 18F-FDG PET/MRI in patients with advanced oropharyngeal and hypopharyngeal squamous cell carcinoma	ANNALS OF NUCLEAR MEDICINE	doi: 10.1007/s12149-021-01590-y.	Pace L., NICOLAI EMANUELE, Cavaliere Carlo, Basso Luca, GARBINO NUNZIA, Spinato G., SALVATORE MARCO
Radiomic and Genomic Machine Learning Method Performance for Prostate Cancer Diagnosis: Systematic Literature Review	JOURNAL OF MEDICAL INTERNET RESEARCH	doi: 10.2196/22394.	CASTALDO ROSSANA, Cavaliere Carlo, Soricelli Andrea, SALVATORE MARCO, Pecchia L, Franzese Monica
Regular football training down-regulates miR-1303 muscle expression in veterans	EUROPEAN JOURNAL OF APPLIED PHYSIOLOGY	10.1007/s00421-021-04733-1	Mancini A., Vitucci D., Orlandella Francesca Maria, Terracciano A., Mariniello R. M., Imperlini Esther, Grazioli E., Orrù S., Krstrup P., SALVATORE GIULIANA, Buono P.
Rhinoplasty Pre-Surgery Models by Using Low-Dose Computed Tomography, Magnetic Resonance Imaging, and 3D Printing	Dose-Response	10.1177/15593258211060950	Baldi Dario, Basso Luca, Nele Gisella, Federico Giovanni, Antonucci Giuseppe Walter, SALVATORE MARCO, Cavaliere Carlo
Risk of primary breast cancer in patients with differentiated thyroid cancer undergoing radioactive iodine therapy: a systematic review and meta-analysis	EUROPEAN JOURNAL OF NUCLEAR MEDICINE AND MOLECULAR IMAGING	10.1007/s00259-021-05625-4	Nappi Carmela, Klain Michele, Cantoni Valeria, Green Roberta, Piscopo Leandra, Volpe Fabio, Maurea Simone, Petretta Mario, Cuocolo Alberto
Self-Supporting Hydrogels Based on Fmoc-Derivatized Cationic Hexapeptides for Potential Biomedical Applications	Biomedicines	10.3390/biomedicines9060678.	Diaferia C., Rosa E., GALLO ENRICO, Smaldone Giovanni, Stornaiuolo M., Morelli G., Accardo A
TMBleR, a bioinformatic tool to optimize TMB estimation and predictive power	BIOINFORMATICS	10.1093/bioinformatics/btab836	Laura Fancello, Alessandro Guida, Gianmaria Frige, Arnaud Gerard Michel Ceol, Gabriele Babini, Giovanni Luca Scaglione, Zanfardino Mario, Tommaso Mazza., Lorenzo Ferrando, Pier Giuseppe Pelicci, Luca Mazzarella
The Role of Non-Gaussian Models of Diffusion Weighted MRI in Hepatocellular Carcinoma: A Systematic Review	Journal of Clinical Medicine	doi: 10.3390/jcm10122641.	TRAMONTANO LIBERATORE, Cavaliere Carlo, SALVATORE MARCO, Brancato Valentina
The impact of different preanalytical methods related to CA 15-3 determination in frozen human blood samples	Systematic Reviews	10.1186/s13643-021-01631-7	COPPOLA LUIGI, Cianflone Alessandra, PANE KATIA, Franzese Monica, Mirabelli Peppino, SALVATORE MARCO
The lncRNA TEX41 is upregulated in pediatric B-Cells Acute Lymphoblastic Leukemia and it is necessary for leukemic cell growth	Biomarker Research	10.1186/s40364-021-00307-7	Orlandella Francesca Maria, Smaldone Giovanni, SALVATORE GIULIANA, Vitagliano Luigi, Cianflone Alessandra, Parasole Rosanna, Beneduce Giuliana, Menna Giuseppe, SALVATORE MARCO, Mirabelli Peppino
The phosphatase Shp1 interacts with and dephosphorylates cortactin to inhibit invadopodia function	Cell Communication and Signaling	10.1186/s12964-021-00747-6	Varone Alessia, Amoroso Chiara, Monti Marcello, Patheja Manpreet, Greco Adelaide, Auletta Luigi, Zannetti Antonella, Corda Daniela

Thyroid hormone action in muscle atrophy	Metabolites	10.3390/metabo11110730	De Stefano Maria Angela, Ambrosio Raffaele, Porcelli Tommaso, Orlandino Gianfranco, Salvatore Domenico, Luongo Cristina
Tremelimumab plus durvalumab retreatment and 4-year outcomes in patients with mesothelioma: a follow-up of the open label, non-randomised, phase 2 NIBIT-MESO-1 study	Lancet Respiratory Medicine	doi: 10.1016/S2213-2600(21)00043-6.	Calabrò L, , Rossi G, , Morra Aldo, Rosati C, , Cutaia O, , Daffinà MG, , Altomonte M, , Di Giacomo AM, , Casula M, , Fazio C, , Palmieri G, , Giannarelli D, , Covre A, , Maio M
miRNA-Based Therapeutics in Breast Cancer: A Systematic Review	Frontiers in Oncology	10.3389/fonc.2021.668464	GRIMALDI ANNA MARIA, SALVATORE MARCO, INCORONATO MARIAROSARIA
A Comparison among Different Machine Learning Pretest Approaches to Predict Stress-Induced Ischemia at PET/CT Myocardial Perfusion Imaging	Computational and Mathematical Methods in Medicine	10.1155/2021/3551756	Megna Rosario, Petretta Mario, Assante Roberta, Zampella Emilia, Nappi Carmela, Gaudieri Valeria, Mannarino Teresa, D'Antonio Adriana, Green Roberta, Cantoni Valeria, Arumugam Parthiban, Acampa Wanda, Cuocolo Alberto
A machine learning model for supporting symptom-based referral and diagnosis of bronchitis and pneumonia in limited resource settings	Biocybernetics and Biomedical Engineering	10.1016/j.bbe.2021.09.002	Stokes Katy, CASTALDO ROSSANA, Franzese Monica, SALVATORE MARCO, Fico Giuseppe, Pokvic Lejla Gurbeta, Badnjevic Almir, Pecchia Leandro
A multicentric quality-control study of exercise Doppler echocardiography of the right heart and the pulmonary circulation. The RIGHT Heart International NETWORK (RIGHT-NET)	Cardiovascular Ultrasound	10.1186/s12947-021-00238-1	Ferrara F,, Gargani L,, Contaldi C, , Agoston G, , Argiento P, , Armstrong WF, , Bandera F, , Cademartiri Filippo, Citro R, , Cittadini A,, Cocchia R, , D'Alto M, , D'Andrea A, , Douschan P, , Ghio S, , Grünig E, , Guazzi M, , Guida S, , Kasprzak JD, , Koliass TJ, , Limongelli G, , Marra AM, , Mazzola M, , Mauro C, s, Moreo A,, Pieri F, , Pratali L, , Pugliese NR, , Raciti M, , Ranieri Brigida, Rudski L, , Saggari R, , Salzano Andrea, Serra W, , Stanzola AA,, Vannan M, , Voilliot D, , Vriz O, , Wierzbowska-Drabik K, , Naeije R, , Bossone E; , RIGHT Heart International NETWORK (RIGHT-NET) Investigators
ABCA1, TCF7, NFATC1, PRKCZ, and PDGFA DNA methylation as potential epigenetic-sensitive targets in acute coronary syndrome via network analysis	Epigenetics	10.1080/15592294.2021.1939481	Infante Teresa, Franzese Monica, Ruocco Antonio, Schiano Concetta, AFFINITO ORNELLA, PANE KATIA, Memoli Domenico, Rizzo Francesca, Weisz Alessandro, Bontempo Paola, Grimaldi Vincenzo, Berrino Liberato, Soricelli Andrea, Mauro Ciro, Napoli Claudio
Age-changes in right ventricular function-pulmonary circulation coupling: from pediatric to adult stage in 1899 healthy subjects. The RIGHT Heart International NETWORK (RIGHT-NET)	INTERNATIONAL JOURNAL OF CARDIOVASCULAR IMAGING	10.1007/s10554-021-02330-z	Vriz Olga, Veldman Gruschen, Gargani Luna, Ferrara Francesco, Frumento Paolo, D'Alto Michele, D'Andrea Antonello, Radaan Sarah Aldosari, Cocchia Rosangela, Marra Alberto Maria, Ranieri Brigida, Salzano Andrea, Stanzola Anna Agnese, Voilliot Damien, Agoston Gergely, Cademartiri Filippo, Cittadini Antonio, Kasprzak Jaroslaw D, Grünig Ekkehard, Bandera Francesco, Guazzi Marco, Rudski Lawrence, Bossone Eduardo
Aliased Flow Signal Planimetry by Cardiovascular Magnetic Resonance Imaging for Grading Aortic Stenosis Severity	Frontiers in Cardiovascular Medicine	10.3389/fcvm.2021.752340	Mantini Cesare, Khanji Mohammed Y., Džugo Emilia, Olivieri Marzia, Caputi Cristiano Giovanni, Bufano Gabriella, Mastrodicasa Domenico, Garcia Darien Calvo, Rotondo Domenico, Candeloro Matteo, Tana Claudio, Cademartiri Filippo, Ionescu Adrian, Caulo Massimo, Gallina Sabina, Ricci Fabrizio
Artificial intelligence in computed tomography plaque characterization: A review	EUROPEAN JOURNAL OF RADIOLOGY	10.1016/j.ejrad.2021.109767	Cau R, , Flanders A,, MANNELLI LORENZO, Politi C,, Faa G,, Suri JS, , Saba L

Association between Aortic Valve Calcification Progression and Coronary Atherosclerotic Plaque Volume Progression in the PARADIGM Registry	RADIOLOGY	10.1148/radiol.2021202630	Lee SE, , Sung JM,, Andreini D, , Al-Mallah MH, , Budoff MJ, , Cademartiri Filippo, Chinnaiyan K, , Choi JH, , Chun EJ, , Conte E, , Gottlieb I,, Hadamitzky M, , Kim YJ, , Lee BK, , Leipsic JA, , Maffei E, , Marques H, , de Araújo Gonçalves P,, Pontone G, , Shin S, , Stone PH, , Samady H,, Virmani R, , Narula J, , Berman DS,, Shaw LJ, , Bax JJ, , Lin FY, , Min JK, , Chang HJ
Association of Statin Treatment With Progression of Coronary Atherosclerotic Plaque Composition	JAMA Cardiology	10.1001/jamacardio.2021.3055	van Rosendaal AR, , van den Hoogen IJ, , Gianni U, , Ma X, , Tantawy SW, , Bax AM, , Lu Y, , Andreini D,, Al-Mallah MH, , Budoff MJ,, Cademartiri Filippo, Chinnaiyan K,, Choi JH,, Conte E, , Marques H, , de Araújo Gonçalves P, , Gottlieb I,, Hadamitzky M, , Leipsic JA, , Maffei E, , Pontone G, , Shin S, , Kim YJ,, Lee BK, , Chun EJ, , Sung JM,, Lee SE, , Virmani R, , Samady H, , Sato Y, , Stone PH, , Berman DS, , Narula J, , Blankstein R,, Min JK, , Lin FY, , Shaw LJ,, Bax JJ, , Chang HJ
Association of Tube Voltage With Plaque Composition on Coronary CT Angiography: Results From Paradigm Registry	JACC-Cardiovascular Imaging	10.1016/j.jcmg.2021.07.011	Takagi H, , Leipsic JA, , Indraratna P,, Gulsin G, , Khasanova E, , Tzimas G, , Lin FY, , Shaw LJ, , Lee SE, , Andreini D,, Al-Mallah MH, , Budoff MJ,, Cademartiri Filippo, Chinnaiyan K, , Choi JH, , Conte E,, Marques H, , de Araújo Gonçalves P, , Gottlieb I, , Hadamitzky M, , Maffei E, , Pontone G, , Shin S, , Kim YJ,, Lee BK, , Chun EJ, , Sung JM,, Virmani R, , Samady H, , Stone PH, , Berman DS,, Narula J, , Bax JJ, , Chang HJ
Association of gut-related metabolites with outcome in acute heart failure	AMERICAN HEART JOURNAL	10.1016/j.ahj.2021.01.006	Israr MZ*, , Bernieh D*, , Salzano Andrea, Cassambai S, , Yazaki Y, , Heaney LM, , Jones DJ,, Ng LL, , Suzuki T
Atherogenic index of plasma and the risk of rapid progression of coronary atherosclerosis beyond traditional risk factors	ATHEROSCLEROSIS	10.1016/j.atherosclerosis.2021.03.009	Won KB, , Heo R,, Park HB, , Lee BK, , Lin FY, , Hadamitzky M,, Kim YJ, , Sung JM, , Conte E, , Andreini D, , Pontone G, , Budoff MJ,, Gottlieb I, , Chun EJ, , Cademartiri Filippo, Maffei E, , Marques H, , de Araújo Gonçalves P, , Leipsic JA, , Lee SE, , Shin S, , Choi JH, , Virmani R,, Samady H,, Chinnaiyan K, , Berman DS,, Narula J,, Shaw LJ, , Bax JJ, , Min JK, , Chang HJ
Biomarkers in Heart Failure: Clinical Insights	Heart Failure Clinics	10.1016/j.hfc.2021.01.002	Salzano Andrea, D'Assante R, , Israr MZ,, Eltayeb M, , D'Agostino Anna, Bernieh D, , De Luca M, , Rega S, , Ranieri Brigida, Mauro C, , Bossone E, , Squire IB, , Suzuki T, , Marra AM
CT score in COVID-19-related pneumonia, the radiologist, and the internist. Trying to unmask who is "the good", who is "the bad" and who is "the ugly"	Internal and Emergency Medicine	10.1007/s11739-021-02856-z	Crisci Giulia, Valente Valeria, Salzano Andrea, Cittadini Antonio, Marra Alberto Maria
Cardiac hybrid imaging: novel tracers for novel targets	Journal of Geriatric Cardiology	10.11909/j.issn.1671-5411.2021.09.006	Ponsiglione Andrea, Ascione Raffaele, Nappi Carmela, Imbriaco Massimo, Klain Michele, Cuocolo Renato, Cuocolo Alberto, Petretta Mario
Cardiovascular Magnetic Resonance in Right Heart and Pulmonary Circulation Disorders	Heart Failure Clinics	10.1016/j.hfc.2020.08.006	Contaldi Carla, Capuano Francesco, Romano Luigia, Ranieri Brigida, Ferrara Francesco, Mirto Gaetano, Rega Salvatore, Cocchia Rosangela, Stanziola Anna Agnese, Ostenfield Ellen, Dellegrottaglie Santo, Bossone Eduardo, Bonow Robert O.
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Comparing the Prognostic Value of Stress Myocardial Perfusion Imaging by Conventional and Cadmium-Zinc Telluride Single-Photon Emission Computed Tomography through a Machine Learning Approach	Computational and Mathematical Methods in Medicine	10.1155/2021/5288844	Cantoni Valeria, Green Roberta, Ricciardi Carlo, Assante Roberta, Donisi Leandro, Zampella Emilia, Cesarelli Giuseppe, Nappi Carmela, Sannino Vincenzo, Gaudieri Valeria, Mannarino Teresa, Genova Andrea, De Simini Giovanni, Giordano Alessia, D'Antonio Adriana, Acampa Wanda, Petretta Mario, Cuocolo Alberto
Comparison of Multimaterial Decomposition Fat Fraction with DECT and Proton Density Fat Fraction with IDEAL IQ MRI for Quantification of Liver Steatosis in a Population Exposed to Chemotherapy	Dose-Response	10.1177/1559325820984938	Corrias Giuseppe, Erta Marco, Sini Marcello, Sardu Claudia, Saba Luca, Mahmood Usman, Castellanos Sandra Huicochea, Bates David, Mondanelli Nicola, Thomsen Brian, Carollo Gabriella, Sawan Peter, MANNELLI LORENZO
Complications in COVID-19 patients: Characteristics of pulmonary embolism	CLINICAL IMAGING	10.1016/j.clinimag.2021.05.016	Cau Riccardo, Pacielli Alberto, Fatemeh Homayounieh, Vaudano Paolo, Arru Chiara, Crivelli Paola, Stranieri Giuseppe, Suri Jasjit S., MANNELLI LORENZO, Conti Maurizio, Mahammedi Abdelkader, Kalra Mannudeep, Saba Luca
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Differential progression of coronary atherosclerosis according to plaque composition: a cluster analysis of PARADIGM registry data	Scientific Reports	10.1038/s41598-021-96616-w	Yoon YE,, Baskaran L,, Lee BC,, Pandey MK,, Goebel B,, Lee SE,, Sung JM,, Andreini D,, Al-Mallah MH,, Budoff MJ,, Cademartiri Filippo, Chinnaiyan K,, Choi JH,, Chun EJ,, Conte E,, Gottlieb I,, Hadamitzky M,, Kim YJ,, Lee BK,, Leipsic JA,, Maffei E,, Marques H,, de Araujo Goncalves P,, Pontone G,, Shin S,, Narula J,, Bax JJ,, Lin FY,, Shaw L,, Chang HJ
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Effect of changes in perfusion defect size during serial stress myocardial perfusion imaging on cardiovascular outcomes in patients treated with primary percutaneous coronary intervention after myocardial infarction	JOURNAL OF NUCLEAR CARDIOLOGY	10.1007/s12350-021-02770-z	Zampella E,, Mannarino T,, Gaudieri V,, D'Antonio A,, Giallauria F,, Assante R,, Cantoni V,, Green R,, Mainolfi CG,, Nappi C,, Genova A,, Petretta Mario, Cuocolo A,, Acampa W
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GATA3 (GATA-Binding Protein 3)/KMT2A (Lysine-Methyltransferase-2A) Complex by Increasing H3K4-3me (Trimethylated Lysine-4 of Histone-3) Upregulates NCX3 (Na ⁺ -Ca ²⁺ Exchanger 3) Transcription and Contributes to Ischemic Preconditioning Neuroprotection	STROKE	10.1161/STROKEAHA.121.034637	GUIDA NATASCIA, Mascolo Luigi, Serani Angelo, Cuomo Ornella, ANZILOTTI SERENELLA, Brancaccio Paola, Pignataro Giuseppe, Molinaro Pasquale, Annunziato Lucio, Formisano Luigi
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Hazardous tools: the emergence of reasoning in human tool use	PSYCHOLOGICAL RESEARCH-PSYCHOLOGISCHE FORSCHUNG	10.1007/s00426-020-01466-2	Federico Giovanni, Osiurak François, Brandimonte Maria A.
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How does DICOM support big data management? Investigating its use in medical imaging community	Insights into Imaging	10.1186/s13244-021-01081-8	AIELLO MARCO, Esposito Giuseppina, Pagliari Giulio, Borrelli Pasquale, Brancato Valentina, SALVATORE MARCO
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Identifying a common functional framework for apathy large-scale brain network	Journal of Personalized Medicine	10.3390/jpm11070679	Alfano Vincenzo, Longarzo Mariachiara, MELE GIULIA, Esposito Marcello, AIELLO MARCO, SALVATORE MARCO, Grossi Dario, Cavaliere Carlo
Imaging of Dysfunctional Elastogenesis in Atherosclerosis Using an Improved Gadolinium-Based Tetrameric MRI Probe Targeted to Tropoelastin	JOURNAL OF MEDICINAL CHEMISTRY	10.1021/acs.jmedchem.1c01286	Capuana Federico, Phinikaridou Alkystis, Stefania Rachele, Padovan Sergio, Lavin Begoña, Lacerda Sara, Almouazen Eyad, Chevalier Yves, Heinrich-Balard Laurence, Botnar René M., Aime Silvio, Digilio Giuseppe
Measures of resting state EEG rhythms for clinical trials in Alzheimer's disease: Recommendations of an expert panel	Alzheimers & Dementia	10.1002/alz.12311	Babiloni C, , Arakaki X,, Azami H, , Bennys K,, Blinowska K, , Bonanni L, , Bujan A, , Carrillo MC, , Cichocki A, , de Frutos-Lucas J, , Del Percio C,, Dubois B, , Edelmayer R, , Egan G,, Epelbaum S, , Escudero J,, Evans A,, Farina F, , Fargo K, , Fernández A, , Ferri R, , Frisoni G, , Hampel H,, Harrington MG, , Jelic V, , Jeong J, , Jiang Y, , Kaminski M, , Kavcic V, , Kilborn K, , Kumar S,, Lam A, , Lim L, , LIZIO ROBERTA, Lopez D, , Lopez S, , Lucey B, , Maestú F, , McGeown WJ, , McKeith I, , Moretti DV, , Nobili F, , NOCE GIUSEPPE, Olichney J,, Onofrj M, , Osorio R, , Parra-Rodríguez M, , Rajji T, , Ritter P, , Soricelli Andrea, Stocchi F, , Tarnanas I, , Taylor JP, , Teipel S, , Tucci F, , Valdes-Sosa M, , Valdes-Sosa P, , Weiergräber M,, Yener G, , Guntekin B
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Na ⁺ /Ca ²⁺ exchanger isoform 1 (NCX1) and canonical transient receptor potential channel 6 (TRPC6) are recruited by STIM1 to mediate Store-Operated Calcium Entry in primary cortical neurons	CELL CALCIUM	10.1016/j.ceca.2021.102525. Epub 2021 Dec 30.	Petrozziello T, , Boscia F, , Tedeschi V, , Pannaccione A, , de Rosa V, , Corvino A, , Severino B, , Annunziato Lucio, Secondo A
Ncx3-induced mitochondrial dysfunction in midbrain leads to neuroinflammation in striatum of A53t- α -synuclein transgenic old mice	INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES	10.3390/ijms22158177	Di Martino Rossana, Sisalli Maria Josè, Sirabella Rossana, Notte Salvatore Della, Borzacchiello Domenica, Feliciello Antonio, Annunziato Lucio, Scorziello Antonella
New Insights into the Structure-Activity Relationship and Neuroprotective Profile of Benzodiazepinone Derivatives of Neuroinina-1 as Modulators of the Na ⁺ /Ca ²⁺ Exchanger Isoforms	JOURNAL OF MEDICINAL CHEMISTRY	10.1021/acs.jmedchem.1c01212	Magli Elisa, Fattorusso Caterina, Persico Marco, Corvino Angela, Esposito Gianluca, Fiorino Ferdinando, Luciano Paolo, Perissutti Elisa, Santagada Vincenzo, Severino Beatrice, Tedeschi Valentina, Pannaccione Anna, Pignataro Giuseppe, Caliendo Giuseppe, Annunziato Lucio, Secondo Agnese, Frecentese Francesco
Prolonged NCX activation prevents SOD1 accumulation, reduces neuroinflammation, ameliorates motor behavior and prolongs survival in a ALS mouse model	NEUROBIOLOGY OF DISEASE	10.1016/j.nbd.2021.105480	ANZILOTTI SERENELLA, Valsecchi Valeria, Brancaccio Paola, GUIDA NATASCIA, Laudati Giusy, Tedeschi Valentina, Petrozziello Tiziana, Frecentese Francesco, Magli Elisa, Hassler Brenda, Cuomo Ornella, Formisano Luigi, Secondo Agnese, Annunziato Lucio, Pignataro Giuseppe
Rebound effects of NCX3 pharmacological inhibition: A novel strategy to accelerate myelin formation in oligodendrocytes	BIOMEDICINE & PHARMACOTHERAPY	10.1016/j.biopha.2021.112111	Cammarota Mariarosaria, de Rosa Valeria, Pannaccione Anna, Secondo Agnese, Tedeschi Valentina, Piccialli Ilaria, Fiorino Ferdinando, Severino Beatrice, Annunziato Lucio, Boscia Francesca
Resting State Alpha Electroencephalographic Rhythms Are Affected by Sex in Cognitively Unimpaired Seniors and Patients with Alzheimer's Disease and Amnesic Mild Cognitive Impairment: A Retrospective and Exploratory Study	CEREBRAL CORTEX	10.1093/cercor/bhab348	Babiloni C, , NOCE GIUSEPPE, Ferri R, , LIZIO ROBERTA, Lopez S, , Lorenzo I, , Tucci F, , Soricelli Andrea, Zurrón M, , Díaz F, , Nobili F, , Arnaldi D, , Famà F, , Buttinelli C, , Giubilei F, , Cipollini V, , Marizzoni M, , Güntekin B, , Yılmaz E, , Hanoğlu L, , Yener G, , Gündüz DH, , Onorati P, , Stocchi F, , Vacca L, , Maestù F, , Frisoni GB, , Del Percio C
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Stacked autoencoders as new models for an accurate Alzheimer's disease classification support using resting-state EEG and MRI measurements	CLINICAL NEUROPHYSIOLOGY	10.1016/j.clinph.2020.09.015	Ferri R, , Babiloni C, , Karami V, , Triggiani AI, , Carducci F, , NOCE GIUSEPPE, LIZIO ROBERTA, Pascarelli MT, , Soricelli Andrea, Amenta F, , Bozzao A, , Romano A, , Giubilei F, , Del Percio C, , Stocchi F, , Frisoni GB, , Nobili F, , Patanè L, , Arena P
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The Transcriptional Complex Sp1/KMT2A by Up-Regulating Restrictive Element 1 Silencing Transcription Factor Accelerates Methylmercury-Induced Cell Death in Motor Neuron-Like NSC34 Cells Overexpressing SOD1-G93A	Frontiers in Neuroscience	10.3389/fnins.2021.771580	GUIDA NATASCIA, Sanguigno Luca, Mascolo Luigi, Calabrese Lucrezia, Serani Angelo, Molinaro Pasquale, Lau C. Geoffrey, Annunziato Lucio, Formisano Luigi
The fMRI correlates of visuo-spatial abilities: sex differences and gender dysphoria	Brain Imaging and Behavior	10.1007/s11682-022-00638-5	Gioele Gavazzi, Alessandra Daphne Fisher, , Stefano Orsolini,, Andrea Bianchi,, Alessia Romani, , Fiorenza Giganti,, Fabio Giovannelli,, Jiska Ristori,, Francesca Mazzoli, , Mario Maggi, , Maria Pia Viggiano, , Mario Mascalchi
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The mid-term effects of carotid endarterectomy on cognition and regional neural activity analyzed with the amplitude of low frequency fluctuations technique	NEURORADIOLOGY	10.1007/s00234-021-02815-7	Porcu Michele, Cocco Luigi, Cau Riccardo, Suri Jasjit S., MANNELLI LORENZO, Yang Qi, Defazio Giovanni, Wintermark Max, Saba Luca
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