

Publicaties 2021

- Alves, M., Fernandes, M. A., Bahat, G., Benetos, A., Clemente, H., Grodzicki, T., Martínez-Sellés, M., **Mattace-Raso, F.**, Rajkumar, C., Ungar, A., Werner, N., Strandberg, T. E., Grodzicki, & Strandberg. (2021). Protecting older patients with cardiovascular diseases from COVID-19 complications using current medications. *European Geriatric Medicine*, 12(4). <https://doi.org/10.1007/s41999-021-00504-5>
- Bakas, A. T., Sewnaik, A., van Straaten, J., de Jong, R. J. B., **Mattace-Raso, F. U. S.**, & **Polinder-Bos, H. A.** (2021). The multidimensional prognostic index as a measure of frailty in elderly patients with head and neck cancer. *Clinical Interventions in Aging*, 16. <https://doi.org/10.2147/CIA.S323740>
- Benussi, A., Alberici, A., Samra, K., Russell, L. L., Greaves, C. V., Bocchetta, M., Ducharme, S., Finger, E., Fumagalli, G., Galimberti, D., **Jiskoot, L. C.**, Le Ber, I., Masellis, M., Nacmias, B., Rowe, J. B., Sanchez-Valle, R., **Seelaar, H.**, Synofzik, M., Rohrer, J. D., & Borroni, B. (2021). Conceptual framework for the definition of preclinical and prodromal frontotemporal dementia. *Alzheimer's & Dementia : The Journal of the Alzheimer's Association*. <https://doi.org/10.1002/alz.12485>
- Benussi, A., Premi, E., Gazzina, S., Brattini, C., Bonomi, E., Alberici, A., **Jiskoot, L.**, **Van Swieten, J. C.**, Sanchez-Valle, R., Moreno, F., Laforce, R., Graff, C., Synofzik, M., Galimberti, D., Masellis, M., Tartaglia, C., Rowe, J. B., Finger, E., Vandenberghe, R., ... Borroni, B. (2021). Progression of Behavioral Disturbances and Neuropsychiatric Symptoms in Patients with Genetic Frontotemporal Dementia. *JAMA Network Open*, 4(1). <https://doi.org/10.1001/jamanetworkopen.2020.30194>
- Bergström, S., Öijerstedt, L., Remnestål, J., Olofsson, J., Ullgren, A., **Seelaar, H.**, **van Swieten, J. C.**, Synofzik, M., Sanchez-Valle, R., & Moreno, F. (2021). A panel of CSF proteins separates genetic frontotemporal dementia from presymptomatic mutation carriers: a GENFI study. *Molecular Neurodegeneration*, 16(1), 1–14.
- Biessels, G. J., Verhagen, C., Janssen, J., **van den Berg, E.**, Wallenstein, G., Zinman, B., Espeland, M. A., & Johansen, O. E. (2021). Effects of linagliptin vs glimepiride on cognitive performance in type 2 diabetes: results of the randomised double-blind, active-controlled CAROLINA-COGNITION study. *Diabetologia*, 64(6). <https://doi.org/10.1007/s00125-021-05393-8>
- Bikbov, B., Soler, M. J., Pešić, V., Capasso, G., Unwin, R., Endres, M., Remuzzi, G., Perico, N., Gansevoort, R., **Mattace-Raso, F.**, Bruchfeld, A., Figurek, A., & Hafez, G. (2021). Albuminuria as a risk factor for mild cognitive impairment and dementia-what is the evidence? *Nephrology, Dialysis, Transplantation : Official Publication of the European Dialysis and Transplant Association - European Renal Association*, 37(2). <https://doi.org/10.1093/ndt/gfab261>
- Blomaard, L. C., van der Linden, C. M. J., van der Bol, J. M., Jansen, S. W. M., **Polinder-Bos, H. A.**, Willems, H. C., Festen, J., Barten, D. G., Borgeers, A. J., Bos, J. C., van den Bos, F., de Brouwer, E. J. M., van Deudekom, F. J. A., van Dijk, S. C., Emmelot-Vonk, M. H., Geels, R. E. S., van de Glind, E. M. M., de Groot, B., Hempenius, L., ..., **Mattace-Raso, F.U.S.**, ..., Mooijaart, S. P. (2021). Frailty is associated with in-hospital mortality in older hospitalised COVID-19 patients in the Netherlands: the COVID-OLD study. *Age and Ageing*, 50(3). <https://doi.org/10.1093/ageing/afab018>
- Bocchetta, M., Todd, E. G., Peakman, G., Cash, D. M., Convery, R. S., Russell, L. L., Thomas, D. L., Iglesias, J. E., **van Swieten, J. C.**, **Jiskoot, L. C.**, **Seelaar, H.**, Borroni, B., Galimberti, D., Sanchez-Valle, R., Laforce, R., Moreno, F., Synofzik, M., Graff, C., Masellis, M., ... Zulaica, M. (2021). Differential early subcortical involvement in genetic FTD within the GENFI cohort. *NeuroImage: Clinical*, 30. <https://doi.org/10.1016/j.nicl.2021.102646>
- Bortsova, G., **Bos, D.**, Dubost, F., **Vernooij, M. W.**, **Ikram, M. K.**, van Tulder, G., & de Bruijne, M. (2021). Automated segmentation and volume measurement of intracranial internal carotid artery calcification at noncontrast ct. *Radiology: Artificial Intelligence*, 3(5). <https://doi.org/10.1148/ryai.2021200226>
- Bos, D.**, Arshi, B., van den Bouwhuijsen, Q. J. A., **Ikram, M. K.**, Selwaness, M., **Vernooij, M. W.**, Kavousi, M., & van der Lugt, A. (2021). Atherosclerotic Carotid Plaque Composition and Incident Stroke and Coronary Events. *Journal of the American College of Cardiology*, 77(11). <https://doi.org/10.1016/j.jacc.2021.01.038>
- Bos, D.**, **Vernooij, M. W.**, Kavousi, M., & van der Lugt, A. (2021). Reply: Carotid Intraplaque Hemorrhage and Cardiovascular Events: Are Antithrombotic Therapies the Missing Piece of the Puzzle? In *Journal of the American College of Cardiology* (Vol. 78, Issue 2). <https://doi.org/10.1016/j.jacc.2021.04.081>
- Bron, E. E.**, Klein, S., **Papma, J. M.**, **Jiskoot, L. C.**, **Venkatraghavan, V.**, Linders, J., Aalten, P., De Deyn, P. P., Biessels, G. J., Claassen, J. A. H. R., Middelkoop, H. A. M., Smits, M., **Niessen, W. J.**, **van Swieten, J. C.**, van der Flier, W. M., Ramakers, I. H. G. B., & van der Lugt, A. (2021). Cross-cohort generalizability of deep and conventional machine learning for MRI-based diagnosis and prediction of Alzheimer's disease. *NeuroImage: Clinical*, 31. <https://doi.org/10.1016/j.nicl.2021.102712>
- Bron, E. E.**, Klein, S., Reinke, A., **Papma, J. M.**, Maier-Hein, L., Alexander, D. C., & Oxtoby, N. P. (2021). Ten years of image analysis and machine learning competitions in dementia. 2018. <http://arxiv.org/abs/2112.07922>
- Brück, C. C., **Wolters, F. J.**, **Ikram, M. A.**, & De Kok, I. M. C. M. (2021). Heterogeneity in Reports of Dementia Disease Duration and Severity: A Review of the Literature. In *Journal of Alzheimer's Disease* (Vol. 84, Issue 4). <https://doi.org/10.3233/JAD-210544>

- Buhrmann, A., Brands, A. M. A., van der Grond, J., Schilder, C., van der Mast, R. C., Ottenheim, N. R., Foster-Dingley, J. C., Bertens, A. S., & **van den Berg, E.** (2021). Cerebellar Grey Matter Volume in Older Persons Is Associated with Worse Cognitive Functioning. *Cerebellum*, 20(1). <https://doi.org/10.1007/s12311-020-01148-0>
- Bunnik, E. M., Siddiqui, S., & **van Bruchem-Visser, R. L.** (2021). Ethics of rooming-in with COVID-19 patients: Mitigating loneliness at the end of life. In *Journal of Critical Care*. <https://doi.org/10.1016/j.jcrrc.2021.09.021>
- Chu, S. A., Flagan, T. M., Staffaroni, A. M., Ikram, M. K., Deng, J., Spina, S., Zhang, L., Sturm, V. E., Yokoyama, J. S., Seeley, W. W., **Papma, J. M.**, Geschwind, D. H., Rosen, H. J., Boeve, B. F., Boxer, A. L., Heuer, H. W., Forsberg, L. K., Brushaber, D. E., Grossman, M., ... Lee, S. E. (2021). Brain volumetric deficits in MAPT mutation carriers: a multisite study. *Annals of Clinical and Translational Neurology*, 8(1). <https://doi.org/10.1002/acn3.51249>
- Cords, C. I., Spronk, I., **Mattace-Raso, F. U. S.**, Verhofstad, M. H. J., van der Vlies, C. H., & van Baar, M. E. (2021). The feasibility and reliability of frailty assessment tools applicable in acute in-hospital trauma patients: a systematic review. *Journal of Trauma and Acute Care Surgery*.
- Corsonello, A., **Mattace-Raso, F.**, Tap, L., Maggio, M., Zerbinati, L., Guarasci, F., Cozza, A., D'Alia, S., Soraci, L., Corigliano, V., Di Rosa, M., Fabbietti, P., & Lattanzio, F. (2021). Design and methodology of the chronic kidney disease as a dysmetabolic determinant of disability among older people (CKD-3D) study: a multicenter cohort observational study. *Aging Clinical and Experimental Research*, 33(9). <https://doi.org/10.1007/s40520-020-01755-1>
- Cortes Hidalgo, A. P., Thijssen, S., Delaney, S. W., **Vernooij, M. W.**, Jansen, P. W., Bakermans-Kranenburg, M. J., van IJzendoorn, M. H., White, T., & Tiemeier, H. (2021). Harsh Parenting and Child Brain Morphology: A Population-Based Study. *Child Maltreatment*. <https://doi.org/10.1177/1077559520986856>
- Croll, P. H., Boelens, M., **Vernooij, M. W.**, van de Rest, O., Zillikens, M. C., **Ikram, M. A.**, & Voortman, T. (2021). Associations of vitamin D deficiency with MRI markers of brain health in a community sample. *Clinical Nutrition*, 40(1). <https://doi.org/10.1016/j.clnu.2020.04.027>
- Croll, P. H., Vinke, E. J., Armstrong, N. M., **Licher, S.**, **Vernooij, M. W.**, Baatenburg de Jong, R. J., Goedegebure, A., & **Ikram, M. A.** (2021). Hearing loss and cognitive decline in the general population: a prospective cohort study. *Journal of Neurology*, 268(3). <https://doi.org/10.1007/s00415-020-10208-8>
- de Boer, T. G., Rigtters, S. C., Croll, P. H., **Niessen, W. J.**, **Ikram, M. A.**, van der Schroeff, M. P., **Vernooij, M. W.**, & Goedegebure, A. (2021). The Effect of Hearing Aid Use on the Association Between Hearing Loss and Brain Structure in Older Adults. *Ear and Hearing*. <https://doi.org/10.1097/AUD.0000000000001148>
- de Leeuw, F. A., Karamujić-Čomić, H., Tijms, B. M., Peeters, C. F. W., Kester, M. I., Scheltens, P., Ahmad, S., Vojinovic, D., **Adams, H. H. H.**, Hankemeier, T., **Bos, D.**, van der Lugt, A., **Vernooij, M. W.**, **Ikram, M. A.**, Amin, N., Barkhof, F., Teunissen, C. E., van Duijn, C. M., & van der Flier, W. M. (2021). Circulating metabolites are associated with brain atrophy and white matter hyperintensities. *Alzheimer's and Dementia*, 17(2). <https://doi.org/10.1002/alz.12180>
- Dekker, I., Schoonheim, M. M., **Venkatraghavan, V.**, Eijlers, A. J. C., Brouwer, I., **Bron, E. E.**, Klein, S., Wattjes, M. P., Wink, A. M., Geurts, J. J. G., Uitdehaag, B. M. J., Oxtoby, N. P., Alexander, D. C., Vrenken, H., Killestein, J., Barkhof, F., & Wottschel, V. (2021). The sequence of structural, functional and cognitive changes in multiple sclerosis. *NeuroImage: Clinical*, 29. <https://doi.org/10.1016/j.nicl.2020.102550>
- Dommershuijsen, L. J., Heshmatollah, A., **Mattace Raso, F. U. S.**, Koudstaal, P. J., **Ikram, M. A.**, & Ikram, M. K. (2021). Orthostatic Hypotension: A Prodromal Marker of Parkinson's Disease? *Movement Disorders*, 36(1). <https://doi.org/10.1002/mds.28303>
- Donkel, S. J., **Wolters, F. J.**, **Ikram, M. A.**, & de Maat, M. P. M. (2021). Circulating Myeloperoxidase (MPO)-DNA complexes as marker for Neutrophil Extracellular Traps (NETs) levels and the association with cardiovascular risk factors in the general population. *PLoS ONE*, 16(8 August). <https://doi.org/10.1371/journal.pone.0253698>
- Egberts, A., Alan, H., Ziere, G., & **Mattace-Raso, F. U. S.** (2021). Antipsychotics and Lorazepam During Delirium: Are We Harming Older Patients? A Real-Life Data Study. *Drugs and Aging*, 38(1). <https://doi.org/10.1007/s40266-020-00813-7>
- Egberts, A., Moreno-Gonzalez, R., Alan, H., Ziere, G., & **Mattace-Raso, F. U. S.** (2021). Anticholinergic Drug Burden and Delirium: A Systematic Review. In *Journal of the American Medical Directors Association* (Vol. 22, Issue 1). <https://doi.org/10.1016/j.jamda.2020.04.019>
- Eikelboom, W. S.**, **van den Berg, E.**, Singleton, E. H., Baart, S. J., **Coemans, M.**, Leeuwis, A. E., Teunissen, C. E., van Berckel, B. N. M., Pijnenburg, Y. A. L., Scheltens, P., van der Flier, W. M., Ossenkuppe, R., & **Papma, J. M.** (2021). Neuropsychiatric and Cognitive Symptoms Across the Alzheimer Disease Clinical Spectrum: Cross-sectional and Longitudinal Associations. In *Neurology* (Vol. 97, Issue 13). <https://doi.org/10.1212/WNL.00000000000012598>
- Ewers, M., Luan, Y., Frontzkowski, L., **Neitzel, J.**, Rubinski, A., Dichgans, M., Hassenstab, J., Gordon, B. A., Chhatwal, J. P., Levin, J., Schofield, P., Benzinger, T. L. S., Morris, J. C., Goate, A., Karch, C. M., Fagan, A. M., McDade, E., Allegri, R., Berman, S., ... Franzmeier, N. (2021). Segregation of functional networks is associated with cognitive resilience in Alzheimer's disease. *Brain*, 144(7). <https://doi.org/10.1093/brain/awab112>

- Fani, L., Roa Dueñas, O., **Bos, D., Vernooij, M. W.**, Klaver, C. C. W., Ikram, M. K., Peeters, R. P., **Ikram, M. A.**, & Chaker, L. (2021). Thyroid Status and Brain Circulation: The Rotterdam Study. *The Journal of Clinical Endocrinology & Metabolism*. <https://doi.org/10.1210/clinem/dgab744>
- Fierloos, I. N., Tan, S. S., Williams, G., Alhambra-Borrás, T., Koppelaar, E., Bilajac, L., Verma, A., Markaki, A., **Mattace-Raso, F.**, Vasiljev, V., Franse, C. B., & Raat, H. (2021). Socio-demographic characteristics associated with emotional and social loneliness among older adults. *BMC Geriatrics*, 21(1). <https://doi.org/10.1186/s12877-021-02058-4>
- Franklin, H. D., Russell, L. L., Peakman, G., Greaves, C. V., Bocchetta, M., Nicholas, J., **Poos, J.**, Convery, R. S., Cash, D. M., **van Swieten, J., Jiskoot, L.**, Moreno, F., Sanchez-Valle, R., Borroni, B., Laforce, R., Masellis, M., Tartaglia, M. C., Graff, C., Galimberti, D., ... Zulaica, M. (2021). The Revised Self-Monitoring Scale detects early impairment of social cognition in genetic frontotemporal dementia within the GENFI cohort. *Alzheimer's Research and Therapy*, 13(1). <https://doi.org/10.1186/s13195-021-00865-w>
- Franzen, S., van den Berg, E., & Papma, J. M.** (2021). Cross-culturele neuropsychologisch diagnostiek bij volwassenen en ouderen op de geheugenpoli. *Tijdschrift Voor Neuropsychologie*, 16(1), 14–28.
- Franzen, S., Van den Berg, E., & Papma, J. M.** (2021). Cross-culturele neuropsychologisch diagnostiek bij volwassenen en ouderen op de geheugenpoli [Cross-cultural neuropsychological assessment of adult and elderly memory clinic patients]. *Tijdschrift Voor Neuropsychologie*, 16(1), 14–28.
- Franzen, S.**, Bekkhus-Wetterberg, P., **van den Berg, E.**, Calia, C., Canevelli, M., Daugherty, J. C., Fasfous, A., Goudsmit, M., Ibanez-Casas, I., Lozano-Ruiz, Á., Mukadam, N., Narme, P., Nielsen, T. R., **Papma, J. M.**, Pomati, S., & Watermeyer, T. J. (2021). Cross-cultural neuropsychological assessment in Europe: Position statement of the European Consortium on Cross-Cultural Neuropsychology (ECCroN). *Clinical Neuropsychologist*. <https://doi.org/10.1080/13854046.2021.1981456>
- Franzen, S., Eikelboom, W. S., Van Den Berg, E., Jiskoot, L. C., Van Hemmen, J., & Papma, J. M.** (2021). Caregiver Burden in a Culturally Diverse Memory Clinic Population: The Caregiver Strain Index-Expanded. *Dementia and Geriatric Cognitive Disorders*, 50(4). <https://doi.org/10.1159/000519617>
- Franzen, S.**, Smith, J. E., **van den Berg, E.**, Rivera Mindt, M., **van Bruchem-Visser, R. L.**, Abner, E. L., Schneider, L. S., Prins, N. D., Babulal, G. M., & **Papma, J. M.** (2021). Diversity in Alzheimer's disease drug trials: The importance of eligibility criteria. In *Alzheimer's and Dementia*. <https://doi.org/10.1002/alz.12433>
- Goudsmit, M., van Campen, J., **Franzen, S., van den Berg, E.**, Schilt, T., & Schmand, B. (2021). Dementia detection with a combination of informant-based and performance-based measures in low-educated and illiterate elderly migrants. *Clinical Neuropsychologist*, 35(3). <https://doi.org/10.1080/13854046.2020.1711967>
- Goudzwaard, J. A.**, Chotkan, S., De Ronde-Tillmans, M. J. A. G., Lenzen, M. J., van Wiechen, M. P. H., Ooms, J. F. W., **Polinder-Bos, H. A.**, Beer-Leentvaar, M. De, Van Mieghem, N. M., Daemen, J., Pilotto, A., de Jaegere, P. P. T., & **Mattace-Raso, F. U. S.** (2021). Multidimensional prognostic index and outcomes in older patients undergoing transcatheter aortic valve implantation: Survival of the fittest. *Journal of Clinical Medicine*, 10(16). <https://doi.org/10.3390/jcm10163529>
- Heidemann, B. E., **Wolters, F. J.**, Kavousi, M., Gruppen, E. G., Dullaart, R. P., Marais, A. D., Visseren, F. L., & Koopal, C. (2021). Adiposity and the development of dyslipidemia in APOE ε2 homozygous subjects: A longitudinal analysis in two population-based cohorts. *Atherosclerosis*, 325. <https://doi.org/10.1016/j.atherosclerosis.2021.04.001>
- Hendriks, S., Peetoom, K., Bakker, C., Van Der Flier, W. M., **Papma, J. M.**, Koopmans, R., Verhey, F. R. J., De Vugt, M., Köhler, S., Withall, A., Parlevliet, J. L., Uysal-Bozkir, Ö., Gibson, R. C., Neita, S. M., Nielsen, T. R., Salem, L. C., Nyberg, J., Lopes, M. A., Dominguez, J. C., ... Ruano, L. (2021). Global Prevalence of Young-Onset Dementia: A Systematic Review and Meta-analysis. In *JAMA Neurology* (Vol. 78, Issue 9). <https://doi.org/10.1001/jamaneurol.2021.2161>
- Hilal, S., Doolabi, A., Vrooman, H., Ikram, M. K., **Ikram, M. A.**, & **Vernooij, M. W.** (2021). Clinical Relevance of Cortical Cerebral Microinfarcts on 1.5T Magnetic Resonance Imaging in the Late-Adult Population. *Stroke*. <https://doi.org/10.1161/STROKEAHA.120.032085>
- Hirvasniemi, J., Klein, S., Bierma-Zeinstra, S., **Vernooij, M. W.**, Schiphof, D., & Oei, E. H. G. (2021). A machine learning approach to distinguish between knees without and with osteoarthritis using MRI-based radiomic features from tibial bone. *European Radiology*, 31(11). <https://doi.org/10.1007/s00330-021-07951-5>
- Huizinga, W., Poot, D. H. J., Vinke, E. J., Wenzel, F., **Bron, E. E.**, Toussaint, N., Ledig, C., Vrooman, H., **Ikram, M. A.**, **Niessen, W. J.**, **Vernooij, M. W.**, & Klein, S. (2021). Differences Between MR Brain Region Segmentation Methods: Impact on Single-Subject Analysis. *Frontiers in Big Data*, 4. <https://doi.org/10.3389/fdata.2021.577164>
- Ingrasciotta, Y., Grova, M., Crispino, F., Isgró, V., Calapai, F., Macaluso, F. S., **Mattace-Raso, F.**, Trifiró, G., & Orlando, A. (2021). Safety and potential interaction of immunosuppressive drugs for the treatment of inflammatory bowel disease in elderly patients. *Minerva Gastroenterology*. <https://doi.org/10.23736/s2724-5985.21.02919-3>
- Janssen, N., Roelofs, A., **van den Berg, E.**, **Eikelboom, W. S.**, Holleman, M. A., in de Braek, D. M. J. M., Piguet, O., Piai, V., & Kessels, R. P. C. (2022). The Diagnostic Value of Language Screening in Primary Progressive Aphasia: Validation and Application of the Sydney Language Battery. *Journal of Speech, Language, and Hearing Research*, 65(1), 200–214.

- Jiskoot, L. C., Poos, J. M., Vollebergh, M. E., Franzen, S., van Hemmen, J., Papma, J. M., van Swieten, J. C., Kessels, R. P. C., & van den Berg, E.** (2021). Emotion recognition of morphed facial expressions in presymptomatic and symptomatic frontotemporal dementia, and Alzheimer's dementia. *Journal of Neurology*, 268(1). <https://doi.org/10.1007/s00415-020-10096-y>
- Jiskoot, L., & Papma, J.** (2021). Als woorden je in de steek laten. *Denkbeeld*, 33(6), 34–37. <https://doi.org/10.1007/s12428-021-0918-y>
- Kaiser, Y., Singh, S. S., Zheng, K. H., Verbeek, R., Kavousi, M., Pinto, S. J., **Vernooij, M. W.**, Sijbrands, E. J. G., Boekholdt, S. M., de Rijke, Y. B., Stroes, E. S. G., & **Bos, D.** (2021). Lipoprotein(a) is robustly associated with aortic valve calcium. *Heart*, 107(17). <https://doi.org/10.1136/heartjnl-2021-319044>
- Knol, M. J., Pawlak, M. A., Lamballais, S., Terzikhan, N., Hofer, E., Xiong, Z., Klaver, C. C. W., Pirpamer, L., **Vernooij, M. W.**, Ikram, M. A., Schmidt, R., Kayser, M., **Evans, T. E., & Adams, H. H. H.** (2021). Genetic architecture of orbital telorism. *Human Molecular Genetics*. <https://doi.org/10.1093/hmg/ddab334>
- Koppelmans, V., van der Willik, K. D., Aleman, B. M. P., van Leeuwen, F. E., Kavousi, M., Arshi, B., **Vernooij, M. W., Ikram, M. A., & Schagen, S. B.** (2021). Long-term effects of adjuvant treatment for breast cancer on carotid plaques and brain perfusion. *Breast Cancer Research and Treatment*, 186(1). <https://doi.org/10.1007/s10549-020-05990-y>
- Kroon, H. G., van Gils, L., Ziviello, F., van Wiechen, M. P. H., Ooms, J. F. W., Rahhab, Z., El Faquir, N., Maugenest, A. - M., **Goudzwaard, J. A., Cummins, P., Lenzen, M., Kardys, I., Daemen, J., Mattace-Raso, F., de Jaegere, P. P. T., & Van Mieghem, N. M.** (2021). Clinical consequences of consecutive self-expanding transcatheter heart valve iterations. *Netherlands Heart Journal*. <https://doi.org/10.1007/s12471-021-01568-5>
- Kuiper, L. M., Ikram, M. K., Kavousi, M., **Vernooij, M. W., Ikram, M. A., & Bos, D.** (2021). C-factor: a summary measure for systemic arterial calcifications. *BMC Cardiovascular Disorders*, 21(1). <https://doi.org/10.1186/s12872-021-02126-y>
- Kuipers, S., Biessels, G. J., Greving, J. P., Amier, R. P., De Bresser, J., **Bron, E. E., Van Der Flier, W. M., Van Der Geest, R. J., Hooghiemstra, A. M., Van Oostenbrugge, R. J., Van Osch, M. J. P., Kappelle, L. J., Exalto, L. G., & Mielke, M.** (2021). Sex and Cardiovascular Function in Relation to Vascular Brain Injury in Patients with Cognitive Complaints. *Journal of Alzheimer's Disease*, 84(1). <https://doi.org/10.3233/JAD-210360>
- Lamballais, S., Adank, M. C., Hussainali, R. F., Schalekamp-Timmermans, S., **Vernooij, M. W., Luik, A. I., Steegers, E. A. P., & Ikram, M. A.** (2021). Design and overview of the Origins of Alzheimer's Disease Across the Life course (ORACLE) study. *European Journal of Epidemiology*, 36(1). <https://doi.org/10.1007/s10654-020-00696-3>
- Leng, X., Hurford, R., Feng, X., Chan, K. L., **Wolters, F. J., Li, L., Soo, Y. O. Y., Wong, K. S. L., Mok, V. C. T., Leung, T. W., & Rothwell, P. M.** (2021). Intracranial arterial stenosis in Caucasian versus Chinese patients with TIA and minor stroke: Two contemporaneous cohorts and a systematic review. *Journal of Neurology, Neurosurgery and Psychiatry*, 92(6). <https://doi.org/10.1136/jnnp-2020-325630>
- Li, B., Niessen, W. J., Klein, S., de Groot, M., Ikram, M. A., Vernooij, M. W., & Bron, E. E.** (2021). Longitudinal diffusion MRI analysis using Segis-Net: A single-step deep-learning framework for simultaneous segmentation and registration. *NeuroImage*, 235. <https://doi.org/10.1016/j.neuroimage.2021.118004>
- Lubczyńska, M. J., Muetzel, R. L., El Marroun, H., Hoek, G., Kooter, I. M., Thomson, E. M., Hillegers, M., **Vernooij, M. W., White, T., Tiemeier, H., & Guxens, M.** (2021). Air pollution exposure during pregnancy and childhood and brain morphology in preadolescents. *Environmental Research*, 198. <https://doi.org/10.1016/j.envres.2020.110446>
- Luijten, S. P. R., Compagne, K. C. J., van Es, A. C. G. M., Roos, Y. B. W. E. M., Majoie, C. B. L. M., van Oostenbrugge, R. J., van Zwam, W. H., Dippel, D. W. J., **Wolters, F. J., van der Lugt, A., & Bos, D.** (2021). Brain atrophy and endovascular treatment effect in acute ischemic stroke: a secondary analysis of the MR CLEAN trial. *International Journal of Stroke*. <https://doi.org/10.1177/17474930211054964>
- Lysen, T. S., Yilmaz, P., Dubost, F., **Ikram, M. A., de Bruijne, M., Vernooij, M. W., & Luik, A. I.** (2021). Sleep and perivascular spaces in the middle-aged and elderly population. *Journal of Sleep Research*. <https://doi.org/10.1111/jsr.13485>
- Ma, Y., Blacker, D., Viswanathan, A., van Veluw, S. J., **Bos, D., Vernooij, M. W., Hyman, B. T., Tzourio, C., Das, S., & Hofman, A.** (2021). Visit-to-Visit Blood Pressure Variability, Neuropathology, and Cognitive Decline. *Neurology*, 96(23). <https://doi.org/10.1212/WNL.0000000000012065>
- Ma, Y., Zhou, J., Kavousi, M., Lipsitz, L. A., **Mattace-Raso, F., Westerhof, B. E., Wolters, F. J., Wu, J. W., Manor, B., Ikram, M. K., Goudsmit, J., Hofman, A., & Ikram, M. A.** (2021). Lower complexity and higher variability in beat-to-beat systolic blood pressure are associated with elevated long-term risk of dementia: The Rotterdam Study. *Alzheimer's and Dementia*, 17(7). <https://doi.org/10.1002/alz.12288>
- Mahler, C., Schumacher, A. M., Unterrainer, M., Kaiser, L., Höllbacher, T., Lindner, S., Havla, J., Ertl-Wagner, B., Patzig, M., Seelos, K., **Neitzel, J., Mäurer, M., Krumbholz, M., Metz, I., Brück, W., Stadelmann, C., Merkler, D., Gass, A., Milenkovic, V., ... Kerschensteiner, M.** (2021). TSPO PET imaging of natalizumab-associated progressive multifocal leukoencephalopathy. *Brain*, 144(9). <https://doi.org/10.1093/brain/awab127>

- Malik, R., Georgakis, M. K., **Neitzel, J.**, Rannikmäe, K., Ewers, M., Seshadri, S., Sudlow, C. L. M., & Dichgans, M. (2021). Midlife vascular risk factors and risk of incident dementia: Longitudinal cohort and Mendelian randomization analyses in the UK Biobank. *Alzheimer's and Dementia*, 17(9). <https://doi.org/10.1002/alz.12320>
- Manera, A. L., Dadar, M., **Van Swieten, J. C.**, Borroni, B., Sanchez-Valle, R., Moreno, F., Laforce, R., Graff, C., Synofzik, M., Galimberti, D., Rowe, J. B., Masellis, M., Tartaglia, M. C., Finger, E., Vandenberghe, R., de Mendonca, A., Tagliavini, F., Santana, I., Butler, C. R., ... Zulaica, M. (2021). MRI data-driven algorithm for the diagnosis of behavioural variant frontotemporal dementia. *Journal of Neurology, Neurosurgery and Psychiatry*, 92(6). <https://doi.org/10.1136/jnnp-2020-324106>
- Mattace-Raso, F.**, & Pilotto, A. (2021). The challenge of the multifaceted prognosis in the older people and the Multidimensional Prognostic Index. In *European Geriatric Medicine* (Vol. 12, Issue 2). <https://doi.org/10.1007/s41999-021-00457-9>
- Mattace-Raso, F.**, & Rajkumar, C. (2021). Medicine is a science of uncertainty and an art of probability. Blood pressure management in older people. In *Age and Ageing* (Vol. 50, Issue 1). <https://doi.org/10.1093/ageing/afaa203>
- Mol, M. O.**, Miedema, S. S. M., **van Swieten, J. C.**, **van Rooij, J. G. J.**, & **Dopper, E. G. P.** (2021). Molecular pathways involved in frontotemporal lobar degeneration with tdp-43 proteinopathy: What can we learn from proteomics? In *International Journal of Molecular Sciences* (Vol. 22, Issue 19). <https://doi.org/10.3390/ijms221910298>
- Mol, M. O.**, **van Rooij, J. G. J.**, **Wong, T. H.**, **Melhem, S.**, Verkerk, A. J. M. H., **Kievit, A. J. A.**, van Minkelen, R., Rademakers, R., Pottier, C., **Kaat, L. D.**, **Seelaar, H.**, **van Swieten, J. C.**, & **Dopper, E. G. P.** (2021). Underlying genetic variation in familial frontotemporal dementia: sequencing of 198 patients. *Neurobiology of Aging*, 97. <https://doi.org/10.1016/j.neurobiolaging.2020.07.014>
- Mol, M. O.**, **Wong, T. H.**, **Melhem, S.**, Basu, S., Viscusi, R., Galjart, N., Rozemuller, A. J. M., Fallini, C., Landers, J. E., **Kaat, L. D.**, **Seelaar, H.**, **van Rooij, J. G. J.**, & **van Swieten, J. C.** (2021). Novel TUBA4A Variant Associated With Familial Frontotemporal Dementia. *Neurology Genetics*, 7(3). <https://doi.org/10.1212/nxg.0000000000000596>
- Mooldijk, S. S., **Licher, S.**, Vinke, E. J., **Vernooij, M. W.**, Ikram, M. K., & **Ikram, M. A.** (2021). Season of birth and the risk of dementia in the population-based Rotterdam Study. *European Journal of Epidemiology*, 36(5). <https://doi.org/10.1007/s10654-021-00755-3>
- Mooldijk, S. S., **Licher, S.**, & **Wolters, F. J.** (2021). Characterizing Demographic, Racial, and Geographic Diversity in Dementia Research: A Systematic Review. In *JAMA Neurology* (Vol. 78, Issue 10). <https://doi.org/10.1001/jamaneurol.2021.2943>
- Mooldijk, S. S.**, **Yaqub, A.**, **Wolters, F. J.**, **Licher, S.**, Koudstaal, P. J., Ikram, M. K., & **Ikram, M. A.** (2021). Life expectancy with and without dementia in persons with mild cognitive impairment in the community. *Journal of the American Geriatrics Society*. <https://doi.org/10.1111/jgs.17520>
- Neitzel, J.**, Franzmeier, N., Rubinski, A., Dichgans, M., Brendel, M., Weiner, M., Aisen, P., Petersen, R., Jack, C. R., Jagust, W., Trojanowki, J. Q., Toga, A. W., Beckett, L., Green, R. C., Saykin, A. J., Morris, J., Shaw, L. M., Liu, E., Montine, T., ... Ewers, M. (2021). KL-VS heterozygosity is associated with lower amyloid-dependent tau accumulation and memory impairment in Alzheimer's disease. *Nature Communications*, 12(1). <https://doi.org/10.1038/s41467-021-23755-z>
- Öijerstedt, L., Andersson, C., Jelic, V., van Swieten, J. C., Jiskoot, L. C., Seelaar, H., Borroni, B., Sanchez-Valle, R., Moreno, F., Laforce Jr, R., Synofzik, M., Galimberti, D., Rowe, J. B., Masellis, M., Tartaglia, M. C., Finger, E., Vandenberghe, R., de Mendonca, A., Tagliavini, F., ... Graff, C. (2021). Practice effects in genetic frontotemporal dementia and at-risk individuals: a GENFI study. *Journal of Neurology, Neurosurgery & Psychiatry*, 93(3). <https://doi.org/10.1136/jnnp-2021-327005>
- Ooms, J. F., Van Wiechen, M. P., Hokken, T. W., **Goudzwaard, J.**, De Ronde-Tillmans, M. J., Daemen, J., **Mattace-Raso, F.**, De Jaegere, P. P., & Van Mieghem, N. M. (2021). Simplified Trans-Axillary Aortic Valve Replacement Under Local Anesthesia – A Single-Center Early Experience. *Cardiovascular Revascularization Medicine*, 23. <https://doi.org/10.1016/j.carrev.2020.11.025>
- Ooms, J., Gunes, D., Hokken, T., Adrichem, R., Nuis, R., De Ronde, M., **Goudzwaard, J.**, Raso, F. M., Daemen, J., & Van Mieghem, N. (2021). TCT-422 The Impact of the COVID-19 Pandemic on the Clinical Status of Patients Referred for TAVR. *Journal of the American College of Cardiology*, 78(19). <https://doi.org/10.1016/j.jacc.2021.09.1275>
- Oosterloo, B. C., Croll, P. H., Goedegebure, A., Roshchupkin, G. V., Baatenburg De Jong, R. J., **Ikram, M. A.**, & **Vernooij, M. W.** (2021). Tinnitus and Its Central Correlates: A Neuroimaging Study in a Large Aging Population. *Ear and Hearing*. <https://doi.org/10.1097/AUD.0000000000001042>
- Panman, J. L.**, **Venkatraghavan, V.**, **Van Der Ende, E. L.**, **Steketee, R. M. E.**, **Jiskoot, L. C.**, **Poos, J. M.**, **Dopper, E. G. P.**, **Meeter, L. H. H.**, **Donker Kaat, L.**, Rombouts, S. A. R. B., **Vernooij, M. W.**, **Kievit, A. J. A.**, Premi, E., Cosseddu, M., Bonomi, E., Olives, J., Rohrer, J. D., Sánchez-Valle, R., Borroni, B., ... Klein, S. (2021). Modelling the cascade of biomarker changes in GRN-related frontotemporal dementia. *Journal of Neurology, Neurosurgery and Psychiatry*. <https://doi.org/10.1136/jnnp-2020-323541>
- Pawlak, M. A., Knol, M. J., **Vernooij, M. W.**, **Ikram, M. A.**, **Adams, H. H. H.**, & **Evans, T. E.** (2021). Neural correlates of orbital telorism. *Cortex*, 145. <https://doi.org/10.1016/j.cortex.2021.10.003>
- Peakman, G., Russell, L. L., Convery, R. S., Nicholas, J. M., **Van Swieten, J. C.**, **Jiskoot, L. C.**, Moreno, F., Sanchez-Valle, R., Laforce, R., Graff, C., Masellis, M., Tartaglia, M. C., Rowe, J. B., Borroni, B., Finger, E., Synofzik, M., Galimberti, D., Vandenberghe, R., De Mendonca, A., ... Rohrer, J. D. (2021). Comparison of clinical rating scales in genetic frontotemporal dementia within the GENFI cohort. *Journal of Neurology, Neurosurgery and Psychiatry*, 93(2). <https://doi.org/10.1136/jnnp-2021-326868>

- Pemberton, H. G., Goodkin, O., Prados, F., Das, R. K., Vos, S. B., Moggridge, J., Coath, W., Gordon, E., Barrett, R., Schmitt, A., Whiteley-Jones, H., Burd, C., Wattjes, M. P., Haller, S., **Vernooij, M. W.**, Harper, L., Fox, N. C., Paterson, R. W., Schott, J. M., ... Barkhof, F. (2021). Automated quantitative MRI volumetry reports support diagnostic interpretation in dementia: a multi-rater, clinical accuracy study. *European Radiology*, 31(7). <https://doi.org/10.1007/s00330-020-07455-8>
- Pemberton, H. G., Zaki, L. A. M., Goodkin, O., Das, R. K., **Steketee, R. M. E.**, Barkhof, F., & **Vernooij, M. W.** (2021). Correction to: Technical and clinical validation of commercial automated volumetric MRI tools for dementia diagnosis—a systematic review. *Neuroradiology*, 63(11). <https://doi.org/10.1007/s00234-021-02818-4>
- Pemberton, H. G., Zaki, L. A. M., Goodkin, O., Das, R. K., **Steketee, R. M. E.**, Barkhof, F., & **Vernooij, M. W.** (2021). Technical and clinical validation of commercial automated volumetric MRI tools for dementia diagnosis—a systematic review. In *Neuroradiology* (Vol. 63, Issue 11). <https://doi.org/10.1007/s00234-021-02746-3>
- Pezzolo, E., Mutlu, U., **Vernooij, M. W.**, Dowlatshahi, E. A., Gisondi, P., Girolomoni, G., Nijsten, T., **Ikram, M. A.**, & Wakkee, M. (2021). Psoriasis is not associated with cognition, brain imaging markers, and risk for dementia: The Rotterdam Study. *Journal of the American Academy of Dermatology*, 85(3). <https://doi.org/10.1016/j.jaad.2018.07.046>
- Poos, J. M., van den Berg, E.**, Visch-Brink, E., **Eikelboom, W. S.**, **Franzen, S.**, **van Hemmen, J.**, Pijnenburg, Y. A. L., Satoer, D., **Dopper, E. G. P.**, **van Swieten, J. C.**, **Papma, J. M.**, **Seelaar, H.**, & **Jiskoot, L. C.** (2021). Exploring Abstract Semantic Associations in the Frontotemporal Dementia Spectrum in a Dutch Population. *Archives of Clinical Neuropsychology*. <https://doi.org/10.1093/arclin/acab022>
- Poos, J. M.**, Russell, L. L., Peakman, G., Bocchetta, M., Greaves, C. V., **Jiskoot, L. C.**, **van der Ende, E. L.**, **Seelaar, H.**, **Papma, J. M.**, **van den Berg, E.**, Pijnenburg, Y. A. L., Borroni, B., Sanchez-Valle, R., Moreno, F., Laforce, R., Graff, C., Synofzik, M., Galimberti, D., Rowe, J. B., ... Rollin, A. (2021). Impairment of episodic memory in genetic frontotemporal dementia: A genfi study. *Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring*, 13(1). <https://doi.org/10.1002/dad2.12185>
- Premi, E., Giunta, M., Iraj, A., Rachakonda, S., Calhoun, V. D., Gazzina, S., Benussi, A., Gasparotti, R., Archetti, S., Bocchetta, M., Cash, D., Todd, E., Peakman, G., Convery, R., **van Swieten, J. C.**, **Jiskoot, L.**, Sanchez-Valle, R., Moreno, F., Laforce, R., ... Borroni, B. (2021). Dissemination in time and space in presymptomatic granulin mutation carriers: a GENFI spatial chronnectome study. *Neurobiology of Aging*, 108. <https://doi.org/10.1016/j.neurobiolaging.2021.09.001>
- Reus, L. M., Jansen, I. E., **Mol, M. O.**, van Ruissen, F., **van Rooij, J.**, van Schoor, N. M., Tesi, N., Reinders, M. J. T., Huisman, M. A., Holstege, H., Visser, P. J., de Boer, S. C. M., Hulsman, M., Ahmad, S., Amin, N., Uitterlinden, A. G., **Ikram, A.**, van Duijn, C. M., **Seelaar, H.**, ... van der Lee, S. J. (2021). Genome-wide association study of frontotemporal dementia identifies a C9ORF72 haplotype with a median of 12-G4C2 repeats that predisposes to pathological repeat expansions. *Translational Psychiatry*, 11(1). <https://doi.org/10.1038/s41398-021-01577-3>
- Ribeiro, J. M., Astudillo, P., de Backer, O., Budde, R., Nuis, R. J., **Goudzwaard, J.**, Van Mieghem, N. M., Lumens, J., Mortier, P., **Mattace-Raso, F.**, Boersma, E., Cummins, P., Bruining, N., & de Jaegere, P. P. (2021). Artificial Intelligence and Transcatheter Interventions for Structural Heart Disease: A glance at the (near) future. In *Trends in Cardiovascular Medicine*. <https://doi.org/10.1016/j.tcm.2021.02.002>
- Shoamanesh, A., Akoudad, S., Himali, J. J., Beiser, A. S., DeCarli, C., Seshadri, S., **Arfan Ikram, M.**, Romero, J. R., & **Vernooij, M. W.** (2021). Cortical superficial siderosis in the general population: The Framingham Heart and Rotterdam studies. *International Journal of Stroke*, 16(7). <https://doi.org/10.1177/1747493020984559>
- Splinter, M. J., Velek, P., Kamran Ikram, M., Kieboom, B. C. T., Peeters, R. P., Bindels, P. J. E., **Arfan Ikram, M.**, **Wolters, F. J.**, Leening, M. J. G., de Schepper, E. I. T., & **Licher, S.** (2021). Prevalence and determinants of healthcare avoidance during the COVID-19 pandemic: A population-based cross-sectional study. *PLoS Medicine*, 18(11). <https://doi.org/10.1371/journal.pmed.1003854>
- Staal, J., **Mattace-Raso, F.**, Daniels, H. A. M., van der Steen, J., & Pel, J. J. M. (2021). To Explore the Predictive Power of Visuomotor Network Dysfunctions in Mild Cognitive Impairment and Alzheimer's Disease. *Frontiers in Neuroscience*, 15. <https://doi.org/10.3389/fnins.2021.654003>
- Stoevelaar, R., Stoppelenburg, A., **van Bruchem-Visser, R. L.**, van Driel, A. G., Theuns, D. A. M. J., Lokker, M. E., Bhagwandien, R. E., Heide, A. van der, & Rietjens, J. A. C. (2021). Advance care planning and end-of-life care in patients with an implantable cardioverter defibrillator: The perspective of relatives. *Palliative Medicine*, 35(5). <https://doi.org/10.1177/02692163211001288>
- Toemen, L., Santos, S., Roest, A. A. W., **Vernooij, M. W.**, Helbing, W. A., Gaillard, R., & Jaddoe, V. W. V. (2021). Pericardial adipose tissue, cardiac structures, and cardiovascular risk factors in school-age children. *European Heart Journal Cardiovascular Imaging*, 22(3). <https://doi.org/10.1093/ehjci/jeaa031>
- van Arendonk, J.**, Yilmaz, P., **Steketee, R.**, Zijlmans, J. L., Lamballais, S., **Niessen, W. J.**, **Neitzel, J.**, **Ikram, M. A.**, & **Vernooij, M. W.** (2021). Resistance to developing brain pathology due to vascular risk factors: the role of educational attainment. *Neurobiology of Aging*, 106. <https://doi.org/10.1016/j.neurobiolaging.2021.06.006>
- van den Berg, E.**, **Poos, J. M.**, **Jiskoot, L. C.**, Montagne, B., Kessels, R. P. C., **Franzen, S.**, **van Hemmen, J.**, **Eikelboom, W. S.**, Heijboer, E. G. C., de Kriek, J., van der Vlist, A., **de Jong, F. J.**, **van Swieten, J. C.**, **Seelaar, H.**, & **Papma, J. M.** (2021). Impaired Knowledge of Social Norms in Dementia and Psychiatric Disorders: Validation of the Social Norms Questionnaire–Dutch Version (SNQ-NL). *Assessment*. <https://doi.org/10.1177/10731911211008234>

- van den Beukel, T. C., van der Toorn, J. E., **Vernooij, M. W.**, Kavousi, M., Akyildiz, A. C., de Jong, P. A., van der Lugt, A., Ikram, M. K., & **Bos, D.** (2021). Morphological Subtypes of Intracranial Internal Carotid Artery Arteriosclerosis and the Risk of Stroke. *Stroke*. <https://doi.org/10.1161/strokeaha.121.036213>
- van den Brink, H., Ferro, D. A., Bresser, J. de, **Bron, E. E.**, Onkenhout, L. P., Kappelle, L. J., & Biessels, G. J. (2021). Cerebral cortical microinfarcts in patients with internal carotid artery occlusion. *Journal of Cerebral Blood Flow and Metabolism*, 41(10). <https://doi.org/10.1177/0271678X211011288>
- Van Der Ende, E. L.**, Jackson, J. L., White, A., **Seelaar, H.**, Van Blitterswijk, M., & **Van Swieten, J. C.** (2021). Unravelling the clinical spectrum and the role of repeat length in C9ORF72 repeat expansions. In *Journal of Neurology, Neurosurgery and Psychiatry*. <https://doi.org/10.1136/jnnp-2020-325377>
- van der Ende, E. L.**, Morenas, E., McMillan, C., Grossman, M., Irwin, D., Sanchez-Valle, R., Graff, C., Vandenberghe, R., Pijnenburg, Y. A. L., Laforce, R., Ber, I. Le, Lleo, A., Haass, C., Suarez-Calvet, M., **van Swieten, J. C.**, & **Seelaar, H.** (2021). CSF sTREM2 IS ELEVATED IN A SUBSET IN GRN-RELATED FRONTOTEMPORAL DEMENTIA. *Neurobiology of Aging*. <https://doi.org/10.1016/j.neurobiolaging.2021.02.024>
- van der Ende, E. L.**, & **van Swieten, J. C.** (2021). Fluid Biomarkers of Frontotemporal Lobar Degeneration. In *Advances in Experimental Medicine and Biology* (Vol. 1281). https://doi.org/10.1007/978-3-030-51140-1_9
- van der Ende, E. L.**, **Bron, E. E.**, **Poos, J. M.**, **Jiskoot, L. C.**, **Panman, J. L.**, **Papma, J. M.**, **Meeter, L. H.**, **Dopper, E. G. P.**, Wilke, C., Synofzik, M., Heller, C., Swift, I. J., Sogorb-Esteve, A., Bouzigues, A., Borroni, B., Sanchez-Valle, R., Moreno, F., Graff, C., Laforce, R., ..., **J.C. van Swieten, V. Venkatraghavan, H. Seelaar, ...** the GENFI consortium. (2021). A data-driven disease progression model of fluid biomarkers in genetic frontotemporal dementia. *Brain*. <https://doi.org/10.1093/brain/awab382>
- van der Toorn, J. E., **Bos, D.**, Arshi, B., Leening, M. J. G., **Vernooij, M. W.**, **Ikram, M. A.**, Ikram, M. K., & Kavousi, M. (2021). Arterial calcification at different sites and prediction of atherosclerotic cardiovascular disease among women and men. *Atherosclerosis*, 337. <https://doi.org/10.1016/j.atherosclerosis.2021.10.009>
- van der Velpen, I. F.**, Melis, R. J. F., Perry, M., Vernooij-Dassen, M. J. F., **Ikram, M. A.**, & **Vernooij, M. W.** (2021). Social Health Is Associated With Structural Brain Changes in Older Adults: The Rotterdam Study. *Biological Psychiatry: Cognitive Neuroscience and Neuroimaging*. <https://doi.org/10.1016/j.bpsc.2021.01.009>
- van Genuchten, W. J., Toemen, L., Roest, A. A. W., **Vernooij, M. W.**, Gaillard, R., Helbing, W. A., & Jaddoe, V. W. V. (2021). Ethnic differences in childhood right and left cardiac structure and function assessed by cardiac magnetic resonance imaging. *European Journal of Pediatrics*, 180(4). <https://doi.org/10.1007/s00431-020-03869-0>
- Van Klaveren, D., Rekkas, A., Alsmas, J., Verdonschot, R. J. C. G., Koning, D. T. J. J., Kamps, M. J. A., Dormans, T., Stassen, R., Weijer, S., Arnold, K. S., Tomlow, B., De Geus, H. R. H., **Van Bruchem-Visser, R. L.**, Miedema, J. R., Verbon, A., Van Nood, E., Kent, D. M., Schuit, S. C. E., & Lingsma, H. (2021). COVID outcome prediction in the emergency department (COPE): Using retrospective Dutch hospital data to develop simple and valid models for predicting mortality and need for intensive care unit admission in patients who present at the emergency department with suspected COVID-19. *BMJ Open*, 11(9). <https://doi.org/10.1136/bmjopen-2021-051468>
- Velek, P., Splinter, M. J., Ikram, M. K., **Ikram, M. A.**, Leening, M. J. G., van der Lei, J., Olde Hartman, T., Peters, L. L., Tange, H., Rutten, F. H., van Weert, H., **Wolters, F. J.**, Bindels, P. J. E., **Licher, S.**, & de Schepper, E. I. T. (2021). Changes in the Diagnosis of Stroke and Cardiovascular Conditions in Primary Care During the First 2 COVID-19 Waves in the Netherlands. *Neurology*, 98(6), e564–e572. <https://doi.org/10.1212/WNL.0000000000013145>
- Venkatraghavan, V.**, Klein, S., Fani, L., Ham, L. S., Vrooman, H., Ikram, M. K., **Niessen, W. J.**, & **Bron, E. E.** (2021). Analyzing the effect of APOE on Alzheimer's disease progression using an event-based model for stratified populations. *NeuroImage*, 227. <https://doi.org/10.1016/j.neuroimage.2020.117646>
- Venkatraghavan, V.**, Vinke, E. J., **Bron, E. E.**, **Niessen, W. J.**, **Arfan Ikram, M.**, Klein, S., & **Vernooij, M. W.** (2021). Progression along data-driven disease timelines is predictive of Alzheimer's disease in a population-based cohort. *NeuroImage*, 238. <https://doi.org/10.1016/j.neuroimage.2021.118233>
- Venkatraghavan, V.**, Vinke, E. J., **Bron, E. E.**, **Niessen, W. J.**, **Arfan Ikram, M.**, Klein, S., & **Vernooij, M. W.** (2021). Progression along data-driven disease timelines is predictive of Alzheimer's disease in a population-based cohort. *NeuroImage*, 238. <https://doi.org/10.1016/j.neuroimage.2021.118233>
- Verbruggen, L. C., Kok, J. L., Teepe, J. C., Janssens, G. O., de Boer, C. M., Stalpers, L. J. A., **Vernooij, M. W.**, van Dulmen-den Broeder, E., Loonen, J. J., van den Heuvel-Eibrink, M. M., Tissing, W. J. E., van der Heiden-van der Loo, M., Versluys, A. B., Neggers, S. J. C. M. M., van Leeuwen, F. E., Hoving, E. W., Wesseling, P., Kremer, L. C. M., Ronckers, C. M., ... Schouten-van Meeteren, N. (2021). Clinical characteristics of subsequent histologically confirmed meningiomas in long-term childhood cancer survivors: A Dutch LATER study. *European Journal of Cancer*, 150. <https://doi.org/10.1016/j.ejca.2021.03.021>
- Vinke, E. J., Yilmaz, P., van der Toorn, J. E., Fakhry, R., Frenzen, K., Dubost, F., **Licher, S.**, de Bruijne, M., Kavousi, M., **Ikram, M. A.**, **Vernooij, M. W.**, & **Bos, D.** (2021). Intracranial arteriosclerosis is related to cerebral small vessel disease: a prospective cohort study. *Neurobiology of Aging*, 105. <https://doi.org/10.1016/j.neurobiolaging.2021.04.005>

- Vlastra, W., van Nieuwkerk, A. C., Bronzwaer, A. S. G. T., Versteeg, A., **Bron, E. E., Niessen, W. J.**, Mutsaerts, H. J. M. M., van der Ster, B. J. P., Majoie, C. B. L. M., Biessels, G. J., Nederveen, A. J., Daemen, M. J. A. P., van Osch, M. J. P., Baan, J., Piek, J. J., Van Lieshout, J. J., & Delewi, R. (2021). Cerebral Blood Flow in Patients with Severe Aortic Valve Stenosis Undergoing Transcatheter Aortic Valve Implantation. *Journal of the American Geriatrics Society*, *69*(2). <https://doi.org/10.1111/jgs.16882>
- Wijnant, S. R. A., **Bos, D.**, Brusselle, G., Grymonprez, M., Rietzschel, E., **Vernooij, M. W.**, Terzikhan, N., & Lahousse, L. (2021). Comparison of cerebral blood flow in subjects with and without chronic obstructive pulmonary disease from the population-based Rotterdam Study. *BMJ Open*, *11*(12), e053671. <https://doi.org/10.1136/bmjopen-2021-053671>
- Wilke, C., Reich, S., **van Swieten, J. C.**, Borroni, B., Sanchez-Valle, R., Moreno, F., Laforce, R., Graff, C., Galimberti, D., Rowe, J. B., Masellis, M., Tartaglia, M. C., Finger, E., Vandenberghe, R., de Mendonça, A., Tagliavini, F., Santana, I., Ducharme, S., Butler, C. R., ... Synofzik, M. (2021). Stratifying the Presymptomatic Phase of Genetic Frontotemporal Dementia by Serum NfL and pNfH: A Longitudinal Multicentre Study. *Annals of Neurology*, *91*(1). <https://doi.org/10.1002/ana.26265>
- Wolters, F. J.**, & Volovici, V. (2021). The US Preventive Services Task Force Recommendation Statement about Screening Asymptomatic Adults for Carotid Stenosis. In *JAMA - Journal of the American Medical Association* (Vol. 326, Issue 1). <https://doi.org/10.1001/jama.2021.6495>
- Young, A. L., Bocchetta, M., Russell, L. L., Convery, R. S., Peakman, G., Todd, E., Cash, D. M., Greaves, C. V., **van Swieten, J., Jiskoot, L., Seelaar, H.**, Moreno, F., Sanchez-Valle, R., Borroni, B., Laforce, R., Masellis, M., Tartaglia, M. C., Graff, C., Galimberti, D., ... Rohrer, J. D. (2021). Characterizing the Clinical Features and Atrophy Patterns of MAPT-Related Frontotemporal Dementia With Disease Progression Modeling. *Neurology*, *97*(9). <https://doi.org/10.1212/WNL.0000000000012410>
- Zoccali, C., Ortiz, A., Blumbyte, I. A., Rudolf, S., Beck-Sickinger, A. G., Malyszko, J., Spasovski, G., Carriazo, S., Viggiano, D., Kurganaite, J., Sarkeviciene, V., Rastenyte, D., Figurek, A., Rroji, M., Mayer, C., Arici, M., Martino, G., Tedeschi, G., Bruchfeld, A., ... Mallamaci, F., **CONNECT Action (Cognitive Decline in Nephro-Neurology European Cooperative Target)**. (2021). Neuropeptide Y as a risk factor for cardiorenal disease and cognitive dysfunction in chronic kidney disease: translational opportunities and challenges. *Nephrology, Dialysis, Transplantation : Official Publication of the European Dialysis and Transplant Association - European Renal Association*, *37*(2). <https://doi.org/10.1093/ndt/gfab284>