

Marianne Haapea

List of Publications by Year in descending order

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94
papers

3,524
citations

147801

31
h-index

149698

56
g-index

94
all docs

94
docs citations

94
times ranked

5028
citing authors

#	ARTICLE	IF	CITATIONS
1	Functional segmentation of the brain cortex using high model order group PICA. <i>Human Brain Mapping</i> , 2009, 30, 3865-3886.	3.6	343
2	Modic Changes in Endplates of Lumbar Vertebral Bodies. <i>Spine</i> , 2007, 32, 1116-1122.	2.0	225
3	A Three-Year Follow-up of Lumbar Spine Endplate (Modic) Changes. <i>Spine</i> , 2006, 31, 1714-1718.	2.0	172
4	The Treatment of Disc Herniation-Induced Sciatica With Infliximab. <i>Spine</i> , 2006, 31, 2759-2766.	2.0	161
5	Determinants of Spontaneous Resorption of Intervertebral Disc Herniations. <i>Spine</i> , 2006, 31, 1247-1252.	2.0	155
6	Fronto-cerebellar systems are associated with infant motor and adult executive functions in healthy adults but not in schizophrenia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 15651-15656.	7.1	135
7	Preoperative localization of the sensorimotor area using independent component analysis of resting-state fMRI. <i>Magnetic Resonance Imaging</i> , 2009, 27, 733-740.	1.8	110
8	Bone oedema predicts erosive progression on wrist MRI in early RA—a 2-yr observational MRI and NC scintigraphy study. <i>Rheumatology</i> , 2006, 45, 1542-1548.	1.9	92
9	Longitudinal Changes in Total Brain Volume in Schizophrenia: Relation to Symptom Severity, Cognition and Antipsychotic Medication. <i>PLoS ONE</i> , 2014, 9, e101689.	2.5	92
10	Non-participation in a field survey with respect to psychiatric disorders. <i>Scandinavian Journal of Public Health</i> , 2008, 36, 728-736.	2.3	83
11	Association between changes in lumbar Modic changes and low back symptoms over a two-year period. <i>BMC Musculoskeletal Disorders</i> , 2015, 16, 98.	1.9	81
12	Morphometric Brain Abnormalities in Schizophrenia in a Population-Based Sample: Relationship to Duration of Illness. <i>Schizophrenia Bulletin</i> , 2010, 36, 766-777.	4.3	78
13	Posterior Translation of the Fibula May Indicate Malreduction. <i>Journal of Orthopaedic Trauma</i> , 2014, 28, 205-209.	1.4	74
14	Lifetime antipsychotic medication and cognitive performance in schizophrenia at age 43 years in a general population birth cohort. <i>Psychiatry Research</i> , 2017, 247, 130-138.	3.3	68
15	Are the determinants of vertebral endplate changes and severe disc degeneration in the lumbar spine the same? A magnetic resonance imaging study in middle-aged male workers. <i>BMC Musculoskeletal Disorders</i> , 2008, 9, 51.	1.9	66
16	Lifetime use of antipsychotic medication and its relation to change of verbal learning and memory in midlife schizophrenia — An observational 9-year follow-up study. <i>Schizophrenia Research</i> , 2014, 158, 134-141.	2.0	66
17	Hippocampus and amygdala volumes in schizophrenia and other psychoses in the Northern Finland 1966 birth cohort. <i>Schizophrenia Research</i> , 2005, 75, 283-294.	2.0	63
18	Genetic Factors Are Associated With Modic Changes in Endplates of Lumbar Vertebral Bodies. <i>Spine</i> , 2008, 33, 1236-1241.	2.0	60

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19	Non-participation may bias the results of a psychiatric survey. <i>Social Psychiatry and Psychiatric Epidemiology</i> , 2007, 42, 403-409.	3.1	58
20	Longitudinal regional brain volume loss in schizophrenia: Relationship to antipsychotic medication and change in social function. <i>Schizophrenia Research</i> , 2015, 168, 297-304.	2.0	56
21	Characteristics of Subjects With Schizophrenia Spectrum Disorder With and Without Antipsychotic Medication – a 10-Year Follow-Up of the Northern Finland 1966 Birth Cohort Study. <i>European Psychiatry</i> , 2013, 28, 53-58.	0.2	55
22	Modic changes in vertebral endplates: a comparison of MR imaging and multislice CT. <i>Skeletal Radiology</i> , 2009, 38, 141-147.	2.0	53
23	Aberrant Functional Connectivity in the Default Mode and Central Executive Networks in Subjects with Schizophrenia – A Whole-Brain Resting-State ICA Study. <i>Frontiers in Psychiatry</i> , 2015, 6, 26.	2.6	51
24	Agreement between self-reported and pharmacy data on medication use in the Northern Finland 1966 Birth Cohort. <i>International Journal of Methods in Psychiatric Research</i> , 2010, 19, 88-96.	2.1	42
25	Sedative Drug Use in the Home-Dwelling Elderly. <i>Annals of Pharmacotherapy</i> , 2004, 38, 2017-2022.	1.9	41
26	Osteoclast activators are elevated in intervertebral disks with Modic changes among patients operated for herniated nucleus pulposus. <i>European Spine Journal</i> , 2016, 25, 207-216.	2.2	41
27	Association between visual degeneration of intervertebral discs and the apparent diffusion coefficient. <i>Magnetic Resonance Imaging</i> , 2009, 27, 641-647.	1.8	40
28	Efficacy of zoledronic acid for chronic low back pain associated with Modic changes in magnetic resonance imaging. <i>BMC Musculoskeletal Disorders</i> , 2014, 15, 64.	1.9	38
29	Association between duration of untreated psychosis and brain morphology in schizophrenia within the Northern Finland 1966 Birth Cohort. <i>Schizophrenia Research</i> , 2010, 123, 145-152.	2.0	35
30	Association between chronic diseases and falls among a sample of older people in Finland. <i>BMC Geriatrics</i> , 2020, 20, 225.	2.7	35
31	Early rebleeding after coiling of ruptured intracranial aneurysms. <i>Acta Radiologica</i> , 2010, 51, 1043-1049.	1.1	34
32	Association between quantitative MRI and ICRS arthroscopic grading of articular cartilage. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2016, 24, 2046-2054.	4.2	33
33	Age-related differences in functional nodes of the brain cortex - a high model order group ICA study. <i>Frontiers in Systems Neuroscience</i> , 2010, 4, .	2.5	32
34	Twenty Years of Schizophrenia Research in the Northern Finland Birth Cohort 1966: A Systematic Review. <i>Schizophrenia Research and Treatment</i> , 2015, 2015, 1-12.	1.5	32
35	Is the interleukin-6 haplotype a prognostic factor for sciatica?. <i>European Journal of Pain</i> , 2008, 12, 1018-1025.	2.8	31
36	Transcultural adaption and psychometric properties of the STarT Back Screening Tool among Finnish low back pain patients. <i>European Spine Journal</i> , 2016, 25, 287-295.	2.2	29

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37	Effect of Periradicular Methylprednisolone on Spontaneous Resorption of Intervertebral Disc Herniations. <i>Spine</i> , 2004, 29, 1601-1607.	2.0	28
38	Full-length visfatin levels are associated with inflammation in women with polycystic ovary syndrome. <i>European Journal of Clinical Investigation</i> , 2012, 42, 321-328.	3.4	26
39	Three-Year Follow-up of Lumbar Artery Occlusion With Magnetic Resonance Angiography in Patients With Sciatica. <i>Spine</i> , 2004, 29, 1804-1808.	2.0	23
40	Elevated adiabatic T_1 and T_2 in articular cartilage are associated with cartilage and bone lesions in early osteoarthritis: A preliminary study. <i>Journal of Magnetic Resonance Imaging</i> , 2017, 46, 678-689.	3.4	23
41	Linking the Developmental and Degenerative Theories of Schizophrenia: Association Between Infant Development and Adult Cognitive Decline. <i>Schizophrenia Bulletin</i> , 2014, 40, 1319-1327.	4.3	21
42	Long-term antipsychotic use and its association with outcomes in schizophrenia – the Northern Finland Birth Cohort 1966. <i>European Psychiatry</i> , 2016, 36, 7-14.	0.2	20
43	Bone healing in rabbit calvarial critical-sized defects filled with stem cells and growth factors combined with granular or solid scaffolds. <i>Child's Nervous System</i> , 2016, 32, 681-688.	1.1	20
44	Information about radiation dose and risks in connection with radiological examinations: what patients would like to know. <i>European Radiology</i> , 2016, 26, 436-443.	4.5	20
45	Temporary parental separation at birth and substance use disorder in adulthood. <i>Social Psychiatry and Psychiatric Epidemiology</i> , 2008, 43, 11-17.	3.1	19
46	Variable angle gray level co-occurrence matrix analysis of T_2 relaxation time maps reveals degenerative changes of cartilage in knee osteoarthritis: Oulu knee osteoarthritis study. <i>Journal of Magnetic Resonance Imaging</i> , 2018, 47, 1316-1327.	3.4	19
47	Translation and validation of the Finnish version of the Fear-Avoidance Beliefs Questionnaire (FABQ). <i>Scandinavian Journal of Pain</i> , 2016, 10, 113-118.	1.3	18
48	Structure-symptom relationship with wide-area ultrasound scanning of knee osteoarthritis. <i>Scientific Reports</i> , 2017, 7, 44470.	3.3	18
49	Micro-CT Analysis of Bone Healing in Rabbit Calvarial Critical-Sized Defects with Solid Bioactive Glass, Tricalcium Phosphate Granules or Autogenous Bone. <i>Journal of Oral & Maxillofacial Research</i> , 2016, 7, e4.	1.0	18
50	The effect of zoledronic acid on type and volume of Modic changes among patients with low back pain. <i>BMC Musculoskeletal Disorders</i> , 2017, 18, 274.	1.9	17
51	Volumes of brain, grey and white matter and cerebrospinal fluid in schizophrenia in the Northern Finland 1966 Birth Cohort: An epidemiological approach to analysis. <i>Psychiatry Research - Neuroimaging</i> , 2009, 174, 116-120.	1.8	16
52	Serum biomarkers for Modic changes in patients with chronic low back pain. <i>European Spine Journal</i> , 2021, 30, 1018-1027.	2.2	16
53	Risk factors for schizophrenia. Follow-up data from the Northern Finland 1966 Birth Cohort Study. <i>World Psychiatry</i> , 2006, 5, 168-71.	10.4	16
54	Mapping transient hyperventilation induced alterations with estimates of the multi-scale dynamics of BOLD signal.. <i>Frontiers in Neuroinformatics</i> , 2009, 3, 18.	2.5	15

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55	Comparison of consumer grade, tablet and 6MP-displays: observer performance in detection of anatomical and pathological structures in panoramic radiographs. <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , 2014, 118, 135-141.	0.4	15
56	Healing of rabbit calvarial critical-sized defects using autogenous bone grafts and fibrin glue. <i>Child's Nervous System</i> , 2015, 31, 581-587.	1.1	15
57	Intensity of artefacts in cone beam CT examinations caused by titanium and glass fibre-reinforced composite implants. <i>Dentomaxillofacial Radiology</i> , 2019, 48, 20170471.	2.7	14
58	Is Prematurity Associated With Adult Cognitive Outcome and Brain Structure?. <i>Pediatric Neurology</i> , 2011, 44, 12-20.	2.1	13
59	Associations between brain morphology and outcome in schizophrenia in a general population sample. <i>European Psychiatry</i> , 2014, 29, 456-462.	0.2	13
60	Effect of display type, DICOM calibration and room illuminance in bitewing radiographs. <i>Dentomaxillofacial Radiology</i> , 2016, 45, 20150129.	2.7	13
61	Ultrasonography of the late-stage knee osteoarthritis prior to total knee arthroplasty: comparison of the ultrasonographic, radiographic and intra-operative findings. <i>Scientific Reports</i> , 2018, 8, 17742.	3.3	13
62	Association of lumbar artery narrowing, degenerative changes in disc and endplate and apparent diffusion in disc on postcontrast enhancement of lumbar intervertebral disc. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2009, 22, 101-109.	2.0	12
63	High number of transplanted stem cells improves myocardial recovery after AMI in a porcine model. <i>Scandinavian Cardiovascular Journal</i> , 2015, 49, 82-94.	1.2	12
64	Quantitative MRI of Human Cartilage <i>In Vivo</i> : Relationships with Arthroscopic Indentation Stiffness and Defect Severity. <i>Cartilage</i> , 2018, 9, 46-54.	2.7	12
65	Does bone scintigraphy show Modic changes associated with increased bone turnover?. <i>European Journal of Radiology Open</i> , 2020, 7, 100222.	1.6	12
66	Verbal learning and memory and their associations with brain morphology and illness course in schizophrenia spectrum psychoses. <i>Journal of Clinical and Experimental Neuropsychology</i> , 2012, 34, 698-713.	1.3	11
67	Construct validity and reliability of Finnish version of Årbo Musculoskeletal Pain Screening Questionnaire. <i>Scandinavian Journal of Pain</i> , 2016, 13, 148-153.	1.3	11
68	Use of psychiatric medications in schizophrenia and other psychoses in a general population sample. <i>Psychiatry Research</i> , 2016, 235, 160-168.	3.3	11
69	Association between family history of psychiatric disorders and long-term outcome in schizophrenia – The Northern Finland Birth Cohort 1966 study. <i>Psychiatry Research</i> , 2017, 249, 16-22.	3.3	11
70	Liver tumor laser ablation – increase in the subacute ablation lesion volume detected with post procedural MRI. <i>Acta Radiologica</i> , 2010, 51, 505-511.	1.1	10
71	Changes in verbal learning and memory in schizophrenia and non-psychotic controls in midlife: A nine-year follow-up in the Northern Finland Birth Cohort study 1966. <i>Psychiatry Research</i> , 2015, 228, 671-679.	3.3	10
72	Effect of display type and room illuminance in chest radiographs. <i>European Radiology</i> , 2016, 26, 3171-3179.	4.5	10

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73	The Effect of Zoledronic Acid on Serum Biomarkers among Patients with Chronic Low Back Pain and Modic Changes in Lumbar Magnetic Resonance Imaging. <i>Diagnostics</i> , 2019, 9, 212.	2.6	10
74	The progression of disorder-specific brain pattern expression in schizophrenia over 9 years. <i>NPJ Schizophrenia</i> , 2021, 7, 32.	3.6	10
75	Poor premorbid school performance, but not severity of illness, predicts cognitive decline in schizophrenia in midlife. <i>Schizophrenia Research: Cognition</i> , 2015, 2, 120-126.	1.3	9
76	Brain morphometry of individuals with schizophrenia with and without antipsychotic medication – The Northern Finland Birth Cohort 1966 Study. <i>European Psychiatry</i> , 2015, 30, 598-605.	0.2	7
77	Use of inverse probability weighting to adjust for non-participation in estimating brain volumes in schizophrenia patients. <i>Psychiatry Research - Neuroimaging</i> , 2011, 194, 326-332.	1.8	6
78	Determinants of lumbar artery occlusion among patients with sciatica: A three-year follow-up with magnetic resonance angiography. <i>European Spine Journal</i> , 2005, 14, 664-670.	2.2	5
79	Predictors of Long-Term Change in Adult Cognitive Performance: Systematic Review and Data from the Northern Finland Birth Cohort 1966. <i>Clinical Neuropsychologist</i> , 2016, 30, 17-50.	2.3	5
80	Psychiatric research in the Northern Finland Birth Cohort 1986 – a systematic review. <i>International Journal of Circumpolar Health</i> , 2019, 78, 1571382.	1.2	5
81	Return to the labour market in schizophrenia and other psychoses: a register-based Northern Finland Birth Cohort 1966 study. <i>Social Psychiatry and Psychiatric Epidemiology</i> , 2021, 56, 1645-1655.	3.1	4
82	Quantitative evaluation of the tibiofemoral joint cartilage by T2 mapping in patients with acute anterior cruciate ligament injury vs contralateral knees: results from the subacute phase using data from the NACOX study cohort. <i>Osteoarthritis and Cartilage</i> , 2022, 30, 987-997.	1.3	4
83	Characteristics and predictors of off-label use of antipsychotics in general population sample. <i>Acta Psychiatrica Scandinavica</i> , 2022, 146, 227-239.	4.5	4
84	Iron-labeled adipose stem cells and neovascularization in rabbit calvarial critical-sized defects. <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , 2016, 121, e104-e110.	0.4	3
85	Parental hospital-treated somatic illnesses and psychosis of the offspring – The Northern Finland Birth Cohort 1986 study. <i>Microbial Biotechnology</i> , 2019, 13, 290-296.	1.7	3
86	Association between grayscale sonographic and clinical findings in severe knee osteoarthritis. <i>Journal of Clinical Ultrasound</i> , 2020, 48, 75-81.	0.8	3
87	Investigating errors in medical imaging: medical malpractice cases in Finland. <i>Insights Into Imaging</i> , 2021, 12, 86.	3.4	3
88	Correlation between the degree of pain relief following discoblock and short-term surgical disability outcome among patients with suspected discogenic low back pain. <i>Scandinavian Journal of Pain</i> , 2022, 22, 526-532.	1.3	3
89	Employment trajectories until midlife in schizophrenia and other psychoses: the Northern Finland Birth Cohort 1966. <i>Social Psychiatry and Psychiatric Epidemiology</i> , 2023, 58, 65-76.	3.1	3
90	On applicability of PCA, voxel-wise variance normalization and dimensionality assumptions for sliding temporal window sICA in resting-state fMRI. <i>Magnetic Resonance Imaging</i> , 2013, 31, 1338-1348.	1.8	2

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91	Predicting osteoarthritis onset and progression with 3D texture analysis of cartilage MRI DESS: 6â€¥ear data from osteoarthritis initiative. Journal of Orthopaedic Research, 2022, , .	2.3	2
92	Parental death due to natural death causes during childhood abbreviates the time to a diagnosis of a psychiatric disorder in the offspring: A follow-up study. Death Studies, 2020, , 1-10.	2.7	1
93	Detecting Patient Safety Errors by Characterizing Incidents Reported by Medical Imaging Staff. Frontiers in Public Health, 2022, 10, 846604.	2.7	1
94	Benefits and risks of off label use of antipsychotics in insomnia and anxiety â€“ APSY Oulu project. Nordic Journal of Psychiatry, 0, , 1-1.	1.3	0