

# Erik Fransen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1334030/publications.pdf>

Version: 2024-02-01

226  
papers

7,579  
citations

50276

46  
h-index

85541

71  
g-index

231  
all docs

231  
docs citations

231  
times ranked

11471  
citing authors

#	ARTICLE	IF	CITATIONS
1	A wide range of protective and predisposing variants in aggrecan influence the susceptibility for otosclerosis. <i>Human Genetics</i> , 2022, 141, 951-963.	3.8	6
2	Genetics of otosclerosis: finally catching up with other complex traits?. <i>Human Genetics</i> , 2022, 141, 939-950.	3.8	6
3	Genome-wide DNA methylation profiling and identification of potential pan-cancer and tumor-specific biomarkers. <i>Molecular Oncology</i> , 2022, 16, 2432-2447.	4.6	9
4	Molecular characterization and investigation of the role of genetic variation in phenotypic variability and response to treatment in a large pediatric Marfan syndrome cohort. <i>Genetics in Medicine</i> , 2022, 24, 1045-1053.	2.4	13
5	Piezo-assisted Turbinoplasty Versus Partial Turbinectomy in External Septorhinoplasty: A Prospective Comparative Study in 100 Patients. <i>Aesthetic Plastic Surgery</i> , 2022, , 1.	0.9	0
6	Multidimensionality of Patient-Reported Outcome Measures in Rhinoplasty Satisfaction. <i>Facial Plastic Surgery</i> , 2022, 38, 468-476.	0.9	2
7	The impact of COVID-19 lockdown on the general health status of people with chronic health conditions in Belgium: a cross-sectional survey study. <i>Physiotherapy Theory and Practice</i> , 2022, , 1-16.	1.3	4
8	Morpho-functional comparison of differentiation protocols to create iPSC-derived cardiomyocytes. <i>Biology Open</i> , 2022, 11, .	1.2	3
9	Luminescent Human iPSC-Derived Neurospheroids Enable Modeling of Neurotoxicity After Oxygen-glucose Deprivation. <i>Neurotherapeutics</i> , 2022, 19, 550-569.	4.4	5
10	Long-term warming reduced microbial biomass but increased recent plant-derived C in microbes of a subarctic grassland. <i>Soil Biology and Biochemistry</i> , 2022, 167, 108590.	8.8	12
11	Identification of Potential Urinary Metabolite Biomarkers of <i>Pseudomonas aeruginosa</i> Ventilator-Associated Pneumonia. <i>Biomarker Insights</i> , 2022, 17, 117727192210991.	2.5	1
12	Postoperative ileus after laparoscopic primary and incisional abdominal hernia repair with intraperitoneal mesh (DynaMesh-IPOM versus Parietex, Composite): a single institution experience. <i>Langenbeck's Archives of Surgery</i> , 2021, 406, 209-218.	1.9	6
13	Predictive Sensitivity and Concordance of Machine-learning Tools for Diagnosing DFNA9 in a Large Series of p.Pro51Ser Variant Carriers in the COCH-gene. <i>Otology and Neurotology</i> , 2021, Publish Ahead of Print, 671-677.	1.3	0
14	Resequencing of candidate genes for Keratoconus reveals a role for Ehlers-Danlos Syndrome genes. <i>European Journal of Human Genetics</i> , 2021, 29, 1745-1755.	2.8	8
15	A human importin- $\beta$ -related disorder: Syndromic thoracic aortic aneurysm caused by bi-allelic loss-of-function variants in IPO8. <i>American Journal of Human Genetics</i> , 2021, 108, 1115-1125.	6.2	10
16	A Panel-Based Sequencing Analysis of Patients with Paget's Disease of Bone Suggests Enrichment of Rare Genetic Variation in regulators of NF- $\kappa$ B Signaling and Supports the Importance of the 7q33 Locus. <i>Calcified Tissue International</i> , 2021, 109, 656-665.	3.1	1
17	Hearing Function: Identification of New Candidate Genes Further Explaining the Complexity of This Sensory Ability. <i>Genes</i> , 2021, 12, 1228.	2.4	1
18	Genotype-phenotype Correlation Study in a Large Series of Patients Carrying the p.Pro51Ser (p.P51S) Variant in COCH (DFNA9): Part I - A Cross-sectional Study of Hearing Function in 111 Carriers. <i>Ear and Hearing</i> , 2021, 42, 1508-1524.	2.1	10

#	ARTICLE	IF	CITATIONS
19	Genotype-Phenotype Correlation Study in a Large Series of Patients Carrying the p.Pro51Ser (p.P51S) Variant in COCH (DFNA9) Part II: A Prospective Cross-Sectional Study of the Vestibular Phenotype in 111 Carriers. <i>Ear and Hearing</i> , 2021, 42, 1525-1543.	2.1	12
20	DNA Methylation as a Diagnostic Biomarker for Malignant Mesothelioma: A Systematic Review and Meta-Analysis. <i>Journal of Thoracic Oncology</i> , 2021, 16, 1461-1478.	1.1	8
21	Diagnostic Performance of Automated MRI Volumetry by icobrain dm for Alzheimer's Disease in a Clinical Setting: A REMEMBER Study. <i>Journal of Alzheimer's Disease</i> , 2021, 83, 623-639.	2.6	7
22	Dutch Translation and Validation of the FACE-Q Rhinoplasty Module. <i>Facial Plastic Surgery</i> , 2021, 37, 296-301.	0.9	2
23	Inter- and Intra-Scanner Variability of Automated Brain Volumetry on Three Magnetic Resonance Imaging Systems in Alzheimer's Disease and Controls. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 746982.	3.4	12
24	Generic Crew Resource Management training to improve non-technical skills in acute care - Phase 2: A pre-post multicentric intervention study. <i>Clinical Simulation in Nursing</i> , 2021, .	3.0	1
25	Finding the Optimal Fatty Acid Composition for Biodiesel Improving the Emissions of a One-Cylinder Diesel Generator. <i>Sustainability</i> , 2021, 13, 12089.	3.2	1
26	Blood Cytokine Analysis Suggests That SARS-CoV-2 Infection Results in a Sustained Tumour Promoting Environment in Cancer Patients. <i>Cancers</i> , 2021, 13, 5718.	3.7	10
27	Minimally invasive sampling to identify leprosy patients with a high bacterial burden in the Union of the Comoros. <i>PLoS Neglected Tropical Diseases</i> , 2021, 15, e0009924.	3.0	3
28	A mood state-specific interaction between kynurenine metabolism and inflammation is present in bipolar disorder. <i>Bipolar Disorders</i> , 2020, 22, 59-69.	1.9	30
29	WNT16 Requires G $\beta$ Subunits as Intracellular Partners for Both Its Canonical and Non-Canonical WNT Signalling Activity in Osteoblasts. <i>Calcified Tissue International</i> , 2020, 106, 294-302.	3.1	9
30	Bimodal Therapy for Chronic Subjective Tinnitus: A Randomized Controlled Trial of EMDR and TRT Versus CBT and TRT. <i>Frontiers in Psychology</i> , 2020, 11, 2048.	2.1	6
31	A novel serine protease inhibitor as potential treatment for dry eye syndrome and ocular inflammation. <i>Scientific Reports</i> , 2020, 10, 17268.	3.3	16
32	Progressive tau aggregation does not alter functional brain network connectivity in seeded hTau.P301L mice. <i>Neurobiology of Disease</i> , 2020, 143, 105011.	4.4	9
33	The Synapse Diversity Dilemma: Molecular Heterogeneity Confounds Studies of Synapse Function. <i>Frontiers in Synaptic Neuroscience</i> , 2020, 12, 590403.	2.5	27
34	Polysomnographic phenotype of isolated REM sleep without atonia. <i>Clinical Neurophysiology</i> , 2020, 131, 2508-2515.	1.5	11
35	The Virtual Morris Water Task in 64 Patients With Bilateral Vestibulopathy and the Impact of Hearing Status. <i>Frontiers in Neurology</i> , 2020, 11, 710.	2.4	15
36	Delineation of a new fibrillino-2-pathway with evidence for a role of FBN2 in the pathogenesis of carpal tunnel syndrome. <i>Journal of Medical Genetics</i> , 2020, 58, jmedgenet-2020-107085.	3.2	4

#	ARTICLE	IF	CITATIONS
37	Enrichment of Rare Variants in Loey's Dietz Syndrome Genes in Spontaneous Coronary Artery Dissection but Not in Severe Fibromuscular Dysplasia. <i>Circulation</i> , 2020, 142, 1021-1024.	1.6	30
38	Atmospheric deposition of elements and its relevance for nutrient budgets of tropical forests. <i>Biogeochemistry</i> , 2020, 149, 175-193.	3.5	35
39	Phosphorus addition increased carbon partitioning to autotrophic respiration but not to biomass production in an experiment with <i>Zea mays</i> . <i>Plant, Cell and Environment</i> , 2020, 43, 2054-2065.	5.7	7
40	Neural pathway of bellows response during SNM treatment revisited: Conclusive evidence for direct efferent motor response. <i>Neurourology and Urodynamics</i> , 2020, 39, 1576-1583.	1.5	6
41	A brainwide atlas of synapses across the mouse life span. <i>Science</i> , 2020, 369, 270-275.	12.6	109
42	Pelvic Floor Muscle Electromyography as a Guiding Tool During Lead Placement and (Re)Programming in Sacral Neuromodulation Patients: Validity, Reliability, and Feasibility of the Technique. <i>Neuromodulation</i> , 2020, 23, 1172-1179.	0.8	6
43	Pelvic floor activation upon stimulation of the sacral spinal nerves in sacral neuromodulation patients. <i>Neurourology and Urodynamics</i> , 2020, 39, 1815-1823.	1.5	3
44	Between Pleasure and Pain: A Pilot Study on the Biological Mechanisms Associated with BDSM Interactions in Dominants and Submissives. <i>Journal of Sexual Medicine</i> , 2020, 17, 784-792.	0.6	11
45	Identification of ageing state clusters of reclaimed asphalt binders using principal component analysis (PCA) and hierarchical cluster analysis (HCA) based on chemo-rheological parameters. <i>Construction and Building Materials</i> , 2020, 244, 118276.	7.2	33
46	Dysregulated activities of proline-specific enzymes in septic shock patients (sepsis-2). <i>PLoS ONE</i> , 2020, 15, e0231555.	2.5	8
47	Prenatally detected copy number variants in a national cohort: A postnatal follow-up study. <i>Prenatal Diagnosis</i> , 2020, 40, 1272-1283.	2.3	5
48	Analysis of functional and aesthetic outcomes in external septorhinoplasty: study protocol. <i>B-ent</i> , 2020, 16, 45-50.	0.2	0
49	Dysregulated activities of proline-specific enzymes in septic shock patients (sepsis-2). , 2020, 15, e0231555.		0
50	Dysregulated activities of proline-specific enzymes in septic shock patients (sepsis-2). , 2020, 15, e0231555.		0
51	Dysregulated activities of proline-specific enzymes in septic shock patients (sepsis-2). , 2020, 15, e0231555.		0
52	Dysregulated activities of proline-specific enzymes in septic shock patients (sepsis-2). , 2020, 15, e0231555.		0
53	Genome-wide association meta-analysis identifies five novel loci for age-related hearing impairment. <i>Scientific Reports</i> , 2019, 9, 15192.	3.3	32
54	Determination of the Potential Tumor-Suppressive Effects of Gsdme in a Chemically Induced and in a Genetically Modified Intestinal Cancer Mouse Model. <i>Cancers</i> , 2019, 11, 1214.	3.7	32

#	ARTICLE	IF	CITATIONS
55	Can psychomotor disturbance predict ect outcome in depression?. Journal of Psychiatric Research, 2019, 117, 122-128.	3.1	33
56	Repeatability of tools to assist in the follow up and troubleshooting of sacral neuromodulation patients using the sensory response. Neurourology and Urodynamics, 2019, 38, 801-808.	1.5	5
57	The value of Eye Movement Desensitization Reprocessing in the treatment of tinnitus: study protocol for a randomized controlled trial. Trials, 2019, 20, 32.	1.6	6
58	Comprehensive Quantitative Spatiotemporal Gait Analysis Identifies Gait Characteristics for Early Dementia Subtyping in Community Dwelling Older Adults. Frontiers in Neurology, 2019, 10, 313.	2.4	25
59	Methylation analysis of <i>Gasdermin E</i> shows great promise as a biomarker for colorectal cancer. Cancer Medicine, 2019, 8, 2133-2145.	2.8	58
60	Insufficient evidence for a role of SERPINF1 in otosclerosis. Molecular Genetics and Genomics, 2019, 294, 1001-1006.	2.1	11
61	Genetic Variation in RIN3 in the Belgian Population Supports Its Involvement in the Pathogenesis of Paget's Disease of Bone and Modifies the Age of Onset. Calcified Tissue International, 2019, 104, 613-621.	3.1	5
62	Ultrasound-assisted extraction optimization and validation of an HPLC-DAD method for the quantification of polyphenols in leaf extracts of Cecropia species. Scientific Reports, 2019, 9, 2028.	3.3	19
63	Performance of the Psychotic Depression Assessment Scale as a Predictor of ECT Outcome. Journal of ECT, 2019, 35, 238-244.	0.6	5
64	Neuroendocrine and Inflammatory Effects of Childhood Trauma Following Psychosocial and Inflammatory Stress in Women with Remitted Major Depressive Disorder. Brain Sciences, 2019, 9, 375.	2.3	5
65	The Gasdermin E gene Potential as a Pan-Cancer Biomarker, While Discriminating between Different Tumor Types. Cancers, 2019, 11, 1810.	3.7	24
66	Auditory Performances in Older and Younger Adult Cochlear Implant Recipients: Use of the HEARING Registry. Otology and Neurotology, 2019, 40, e787-e795.	1.3	9
67	State-associated changes in longitudinal [18F]-PBR111 TSPO PET imaging of psychosis patients: Evidence for the accelerated ageing hypothesis?. Brain, Behavior, and Immunity, 2019, 77, 46-54.	4.1	35
68	Oxidative stress and immune aberrancies in attention-deficit/hyperactivity disorder (ADHD): a case-control comparison. European Child and Adolescent Psychiatry, 2019, 28, 719-729.	4.7	39
69	Variants affecting diverse domains of MEPE are associated with two distinct bone disorders, a craniofacial bone defect and otosclerosis. Genetics in Medicine, 2019, 21, 1199-1208.	2.4	17
70	Clinical Presentation of a Complex Neurodevelopmental Disorder Caused by Mutations in ADNP. Biological Psychiatry, 2019, 85, 287-297.	1.3	108
71	Immune and Neuroendocrine Trait and State Markers in Psychotic Illness: Decreased Kynurenines Marking Psychotic Exacerbations. Frontiers in Immunology, 2019, 10, 2971.	4.8	28
72	Simultaneous targeting of EGFR, HER2, and HER4 by afatinib overcomes intrinsic and acquired cetuximab resistance in head and neck squamous cell carcinoma cell lines. Molecular Oncology, 2018, 12, 830-854.	4.6	36

#	ARTICLE	IF	CITATIONS
73	Loss of Neuroglobin Expression Alters Cdkn1a/Cdk6-Expression Resulting in Increased Proliferation of Neural Stem Cells. <i>Stem Cells and Development</i> , 2018, 27, 378-390.	2.1	9
74	Large-scale analysis of DNFA5 methylation reveals its potential as biomarker for breast cancer. <i>Clinical Epigenetics</i> , 2018, 10, 51.	4.1	86
75	Monoaminergic Markers Across the Cognitive Spectrum of Lewy Body Disease. <i>Journal of Parkinson's Disease</i> , 2018, 8, 71-84.	2.8	12
76	Cerebrospinal fluid and serum MHPG improve Alzheimer's disease versus dementia with Lewy bodies differential diagnosis. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2018, 10, 172-181.	2.4	16
77	Illness Perceptions Explain the Variance in Functional Disability, but Not Habitual Physical Activity, in Patients With Chronic Low Back Pain: A Cross-sectional Study. <i>Pain Practice</i> , 2018, 18, 523-531.	1.9	10
78	Mixture effects of copper, cadmium, and zinc on mortality and behavior of <i>Caenorhabditis elegans</i> . <i>Environmental Toxicology and Chemistry</i> , 2018, 37, 145-159.	4.3	40
79	Sham-Controlled Study of Optokinetic Stimuli as Treatment for Mal de Debarquement Syndrome. <i>Frontiers in Neurology</i> , 2018, 9, 887.	2.4	21
80	The Maudsley Staging Method as predictor of electroconvulsive therapy effectiveness in depression. <i>Acta Psychiatrica Scandinavica</i> , 2018, 138, 605-614.	4.5	22
81	The Belgian MicroArray Prenatal (BEMAPRE) database: A systematic nationwide repository of fetal genomic aberrations. <i>Prenatal Diagnosis</i> , 2018, 38, 1120-1128.	2.3	24
82	Architecture of the Mouse Brain Synaptome. <i>Neuron</i> , 2018, 99, 781-799.e10.	8.1	167
83	The impact of cognitive impairment on the physical ageing process. <i>Aging Clinical and Experimental Research</i> , 2018, 30, 1297-1306.	2.9	22
84	Observer-rated retardation but not agitation corresponds to objective motor measures in depression. <i>Acta Neuropsychiatrica</i> , 2018, 30, 359-364.	2.1	8
85	Prolyl carboxypeptidase activity in the circulation and its correlation with body weight and adipose tissue in lean and obese subjects. <i>PLoS ONE</i> , 2018, 13, e0197603.	2.5	18
86	Effects of Electrical Stimulation in Tinnitus Patients: Conventional Versus High-Definition tDCS. <i>Neurorehabilitation and Neural Repair</i> , 2018, 32, 714-723.	2.9	33
87	Cx26 partial loss causes accelerated presbycusis by redox imbalance and dysregulation of Nfr2 pathway. <i>Redox Biology</i> , 2018, 19, 301-317.	9.0	50
88	Ergonomic design of an EEG headset using 3D anthropometry. <i>Applied Ergonomics</i> , 2017, 58, 128-136.	3.1	41
89	Ethyl glucuronide in keratinous matrices as biomarker of alcohol use: A correlation study between hair and nails. <i>Forensic Science International</i> , 2017, 279, 187-191.	2.2	25
90	Assessment of Physical Child Abuse Risk in Parents with Children Referred to Child and Adolescent Psychiatry. <i>Child Abuse Review</i> , 2017, 26, 411-424.	0.8	6

#	ARTICLE	IF	CITATIONS
91	Neurotrophic and inflammatory markers in bipolar disorder: A prospective study. <i>Psychoneuroendocrinology</i> , 2017, 84, 143-150.	2.7	18
92	How innate is locomotion in precocial animals? A study on the early development of spatio-temporal gait variables and gait symmetry in piglets. <i>Journal of Experimental Biology</i> , 2017, 220, 2706-2716.	1.7	29
93	Failed Downregulation of Circulating MicroRNA-155 in the Early Phase after ST Elevation Myocardial Infarction Is Associated with Adverse Left Ventricular Remodeling. <i>Cardiology</i> , 2017, 138, 91-96.	1.4	16
94	Artificial rearing influences the morphology, permeability and redox state of the gastrointestinal tract of low and normal birth weight piglets. <i>Journal of Animal Science and Biotechnology</i> , 2017, 8, 30.	5.3	13
95	Influence of Body Mass Index on Hair Ethyl Glucuronide Concentrations. <i>Alcohol and Alcoholism</i> , 2017, 52, 19-23.	1.6	16
96	Validated programmed cell death ligand 1 immunohistochemistry assays (E1L3N and <sc>SP</sc>142) reveal similar immune cell staining patterns in melanoma when using the same sensitive detection system. <i>Histopathology</i> , 2017, 70, 253-263.	2.9	37
97	Distinguishing Subgroups Based on Psychomotor Functioning among Patients with Major Depressive Disorder. <i>Neuropsychobiology</i> , 2017, 76, 199-208.	1.9	8
98	A Pilot Genome-Wide Association Study Identifies Potential Metabolic Pathways Involved in Tinnitus. <i>Frontiers in Neuroscience</i> , 2017, 11, 71.	2.8	35
99	Evaluating Complex Mixtures in the Zebrafish Embryo by Reconstituting Field Water Samples: A Metal Pollution Case Study. <i>International Journal of Molecular Sciences</i> , 2017, 18, 539.	4.1	13
100	Mutations in Splicing Factor Genes Are a Major Cause of Autosomal Dominant Retinitis Pigmentosa in Belgian Families. <i>PLoS ONE</i> , 2017, 12, e0170038.	2.5	47
101	Gait characteristics under different walking conditions: Association with the presence of cognitive impairment in community-dwelling older people. <i>PLoS ONE</i> , 2017, 12, e0178566.	2.5	34
102	<i>DFNA5</i> promoter methylation a marker for breast tumorigenesis. <i>Oncotarget</i> , 2017, 8, 31948-31958.	1.8	37
103	Large-scale copy number analysis reveals variations in genes not previously associated with malignant pleural mesothelioma. <i>Oncotarget</i> , 2017, 8, 113673-113686.	1.8	21
104	Prediction of delayed graft function using different scoring algorithms: A single-center experience. <i>World Journal of Transplantation</i> , 2017, 7, 260-268.	1.6	9
105	Immune cell profiling of melanoma metastases from patients treated with TriMixDC-MEL dendritic cell therapy in combination with ipilimumab.. <i>Journal of Clinical Oncology</i> , 2017, 35, e21030-e21030.	1.6	0
106	The Cerebrospinal Fluid Neurogranin/BACE1 Ratio is a Potential Correlate of Cognitive Decline in Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2016, 53, 1523-1538.	2.6	46
107	Linking CD11b <sup>+</sup> Dendritic Cells and Natural Killer T Cells to Plaque Inflammation in Atherosclerosis. <i>Mediators of Inflammation</i> , 2016, 2016, 1-12.	3.0	18
108	Decreased Speech-In-Noise Understanding in Young Adults with Tinnitus. <i>Frontiers in Neuroscience</i> , 2016, 10, 288.	2.8	68

#	ARTICLE	IF	CITATIONS
109	The Repeatable Battery for the Assessment of Neuropsychological Status for Hearing Impaired Individuals (RBANS-H) before and after Cochlear Implantation: A Protocol for a Prospective, Longitudinal Cohort Study. <i>Frontiers in Neuroscience</i> , 2016, 10, 512.	2.8	51
110	Differential Effects of Inflammatory and Psychosocial Stress on Mood, Hypothalamic-Pituitary-Adrenal Axis, and Inflammation in Remitted Depression. <i>Neuropsychobiology</i> , 2016, 74, 150-158.	1.9	13
111	Automated PGP9.5 immunofluorescence staining: a valuable tool in the assessment of small fiber neuropathy?. <i>BMC Research Notes</i> , 2016, 9, 280.	1.4	29
112	Birthweight has no influence on chemical body composition and muscle energy stores in suckling piglets. <i>Animal Production Science</i> , 2016, 56, 844.	1.3	6
113	P4â€³22: CSF Biomarkers to Predict Rate of Cognitive Decline in Alzheimerâ€™S Disease. <i>Alzheimer's and Dementia</i> , 2016, 12, P1157.	0.8	0
114	P4â€³24: Plasma Neurofilament Light Concentration Predicts Longâ€™Term Outcome an Acute Stroke. <i>Alzheimer's and Dementia</i> , 2016, 12, P1158.	0.8	0
115	Coadministration of a <i>Gloriosa superba</i> extract improves the in vivo antitumoural activity of gemcitabine in a murine pancreatic tumour model. <i>Phytomedicine</i> , 2016, 23, 1434-1440.	5.3	11
116	Unravelling the controls of lateral expansion and elevation change of pioneer tidal marshes. <i>Geomorphology</i> , 2016, 274, 106-115.	2.6	25
117	In Vivo Interleukin-13-Primed Macrophages Contribute to Reduced Alloantigen-Specific T Cell Activation and Prolong Immunological Survival of Allogeneic Mesenchymal Stem Cell Implants. <i>Stem Cells</i> , 2016, 34, 1971-1984.	3.2	17
118	Interaction between isoprene and ozone fluxes in a poplar plantation and its impact on air quality at the European level. <i>Scientific Reports</i> , 2016, 6, 32676.	3.3	20
119	Decreased otolith-mediated vestibular response in 25 astronauts induced by long-duration spaceflight. <i>Journal of Neurophysiology</i> , 2016, 115, 3045-3051.	1.8	58
120	Tumor necrosis factor- $\alpha$ impairs adiponectin signalling, mitochondrial biogenesis, and myogenesis in primary human myotubes cultures. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2016, 310, H1164-H1175.	3.2	31
121	Ethyl glucuronide in nails: method validation, influence of decontamination and pulverization, and particle size evaluation. <i>Forensic Toxicology</i> , 2016, 34, 158-165.	2.4	5
122	Quantifying critical conditions for seaward expansion of tidal marshes: A transplantation experiment. <i>Estuarine, Coastal and Shelf Science</i> , 2016, 169, 227-237.	2.1	26
123	Development and Validation of a Histological Method to Measure Microvessel Density in Whole-Slide Images of Cancer Tissue. <i>PLoS ONE</i> , 2016, 11, e0161496.	2.5	36
124	Exercise- and Stress-Induced Hypoalgesia in Musicians with and without Shoulder Pain: A Randomized Controlled Crossover Study. <i>Pain Physician</i> , 2016, 19, 59-68.	0.4	7
125	Motor impairment among different psychiatric disorders: Can patterns be identified?. <i>Human Movement Science</i> , 2015, 44, 317-326.	1.4	5
126	Dysfunctional vestibular system causes a blood pressure drop in astronauts returning from space. <i>Scientific Reports</i> , 2015, 5, 17627.	3.3	43



#	ARTICLE	IF	CITATIONS
127	Hatching asynchrony aggravates inbreeding depression in a songbird ( <i>Serinus canaria</i> ): An inbreeding-environment interaction. <i>Evolution; International Journal of Organic Evolution</i> , 2015, 69, 1063-1068.	2.3	17
128	Cerebrospinal Fluid P-Tau181P: Biomarker for Improved Differential Dementia Diagnosis. <i>Frontiers in Neurology</i> , 2015, 6, 138.	2.4	44
129	Plasma levels of microRNA in chronic kidney disease: patterns in acute and chronic exercise. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2015, 309, H2008-H2016.	3.2	44
130	Evaluation of a newly developed HPMC ophthalmic insert with sustained release properties as a carrier for thermolabile therapeutics. <i>International Journal of Pharmaceutics</i> , 2015, 481, 37-46.	5.2	6
131	Diagnostic Accuracy of Cerebrospinal Fluid Amyloid- $\beta$ Isoforms for Early and Differential Dementia Diagnosis. <i>Journal of Alzheimer's Disease</i> , 2015, 45, 813-822.	2.6	82
132	Genome-wide association analysis demonstrates the highly polygenic character of age-related hearing impairment. <i>European Journal of Human Genetics</i> , 2015, 23, 110-115.	2.8	84
133	Evaluation of the accuracy of land-use based ecosystem service assessments for different thematic resolutions. <i>Journal of Environmental Management</i> , 2015, 156, 41-51.	7.8	38
134	Chimpanzee sociability is associated with vasopressin ( <i>Avpr1a</i> ) but not oxytocin receptor gene ( <i>OXTR</i> ) variation. <i>Hormones and Behavior</i> , 2015, 75, 84-90.	2.1	41
135	Terminal neurogranin is increased in cerebrospinal fluid but unchanged in plasma in Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2015, 11, 1461-1469.	0.8	117
136	Pharmacological Levels of Withaferin A ( <i>Withania somnifera</i> ) Trigger Clinically Relevant Anticancer Effects Specific to Triple Negative Breast Cancer Cells. <i>PLoS ONE</i> , 2014, 9, e87850.	2.5	70
137	Stable Schizophrenia Patients Learn Equally Well as Age-Matched Controls and Better than Elderly Controls in Two Sensorimotor Rotary Pursuit Tasks. <i>Frontiers in Psychiatry</i> , 2014, 5, 165.	2.6	7
138	Longitudinal Evaluation of the Psychomotor Syndrome in Schizophrenia. <i>Journal of Neuropsychiatry and Clinical Neurosciences</i> , 2014, 26, 359-368.	1.8	14
139	Depression in Mild Cognitive Impairment is associated with Progression to Alzheimer's Disease: A Longitudinal Study. <i>Journal of Alzheimer's Disease</i> , 2014, 42, 1239-1250.	2.6	107
140	Long-Term Vascular Responses to Resolute <sup>®</sup> and Xience V <sup>®</sup> Polymer-Based Drug-Eluting Stents in a Rabbit Model of Atherosclerosis. <i>Journal of Interventional Cardiology</i> , 2014, 27, 381-390.	1.2	6
141	Familial hypertryptasemia with associated mast cell activation syndrome. <i>Journal of Allergy and Clinical Immunology</i> , 2014, 134, 1448-1450.e3.	2.9	44
142	The effects of nicotine on cognition are dependent on baseline performance. <i>European Neuropsychopharmacology</i> , 2014, 24, 1015-1023.	0.7	27
143	Monitoring preantral follicle survival and growth in bovine ovarian biopsies by repeated use of neutral red and cultured in vitro under low and high oxygen tension. <i>Theriogenology</i> , 2014, 82, 387-395.	2.1	20
144	Hypolocomotive behaviour associated with increased microglia in a prenatal immune activation model with relevance to schizophrenia. <i>Behavioural Brain Research</i> , 2014, 258, 179-186.	2.2	93

#	ARTICLE	IF	CITATIONS
145	Interrater and intrarater reliability of the pectoralis minor muscle length measurement in subjects with and without shoulder impingement symptoms. <i>Manual Therapy</i> , 2014, 19, 294-298.	1.6	30
146	Fatty acid composition of the follicular fluid of normal weight, overweight and obese women undergoing assisted reproductive treatment: a descriptive cross-sectional study. <i>Reproductive Biology and Endocrinology</i> , 2014, 12, 13.	3.3	92
147	A Dominant-Negative <i>GFI1B</i> Mutation in the Gray Platelet Syndrome. <i>New England Journal of Medicine</i> , 2014, 370, 245-253.	27.0	152
148	Perfluoroalkyl acid contamination of follicular fluid and its consequence for in vitro oocyte developmental competence. <i>Science of the Total Environment</i> , 2014, 496, 282-288.	8.0	47
149	An <i>FBN1</i> Deep Intronic Mutation in a Familial Case of Marfan Syndrome: An Explanation for Genetically Unsolved Cases?. <i>Human Mutation</i> , 2014, 35, 571-574.	2.5	34
150	Human Rab7 mutation mimics features of Charcot-Marie-Tooth neuropathy type 2B in <i>Drosophila</i> . <i>Neurobiology of Disease</i> , 2014, 65, 211-219.	4.4	28
151	Artificial rearing of piglets: Effects on small intestinal morphology and digestion capacity. <i>Livestock Science</i> , 2014, 159, 165-173.	1.6	38
152	Effect of a physical conditioning versus health promotion intervention in dancers: A randomized controlled trial. <i>Manual Therapy</i> , 2014, 19, 562-568.	1.6	22
153	Genetic Association Analysis in a Clinically and Histologically Confirmed Otosclerosis Population Confirms Association With the <i>TGFB1</i> Gene but Suggests an Association of the <i>RELN</i> Gene With a Clinically Indistinguishable Otosclerosis-Like Phenotype. <i>Otology and Neurotology</i> , 2014, 35, 1058-1064.	1.3	17
154	Space Motion Sickness Countermeasures: A Pharmacological Double-Blind, Placebo-Controlled Study. <i>Aviation, Space, and Environmental Medicine</i> , 2014, 85, 638-644.	0.5	10
155	Thoracic Aortic Aneurysm in Infancy in Aneurysms-osteoarthritis Syndrome Due to a Novel <i>SMAD3</i> Mutation: Further Delineation of the Phenotype. <i>American Journal of Medical Genetics, Part A</i> , 2013, 161, 1028-1035.	1.2	58
156	Baclofen affects the semicircular canals but not the otoliths in humans. <i>Acta Oto-Laryngologica</i> , 2013, 133, 846-852.	0.9	7
157	Effect of modafinil on impulsivity and relapse in alcohol dependent patients: A randomized, placebo-controlled trial. <i>European Neuropsychopharmacology</i> , 2013, 23, 948-955.	0.7	45
158	Genome-wide analysis reveals a novel autosomal-recessive hearing loss locus <i>DFNB80</i> on chromosome 2p16.1-p21. <i>Journal of Human Genetics</i> , 2013, 58, 98-101.	2.3	3
159	Smooth muscle cell transplantation improves bladder contractile function in streptozocin-induced diabetic rats. <i>Cytotherapy</i> , 2013, 15, 869-878.	0.7	13
160	Isolation of high-quality RNA from stented blood vessels. <i>Microvascular Research</i> , 2013, 89, 161-163.	2.5	1
161	Antihepatotoxic activity of a quantified <i>Desmodium adscendens</i> decoction and d-pinitol against chemically-induced liver damage in rats. <i>Journal of Ethnopharmacology</i> , 2013, 146, 250-256.	4.1	18
162	Resolute <sup>®</sup> and xience V <sup>®</sup> polymer-based drug-eluting stents compared in an atherosclerotic rabbit double injury model. <i>Catheterization and Cardiovascular Interventions</i> , 2013, 81, E259-68.	1.7	12

#	ARTICLE	IF	CITATIONS
163	Familial Aggregation of Pure Tone Hearing Thresholds in an Aging European Population. <i>Otology and Neurotology</i> , 2013, 34, 838-844.	1.3	15
164	Mapping of Carboxypeptidase M in Normal Human Kidney and Renal Cell Carcinoma. <i>Journal of Histochemistry and Cytochemistry</i> , 2013, 61, 218-235.	2.5	2
165	Age of Onset and Neuropsychological Functioning in Alcohol Dependent Inpatients. <i>Alcoholism: Clinical and Experimental Research</i> , 2013, 37, 407-416.	2.4	26
166	A Dominant-Negative GFI1B Mutation in Gray Platelet Syndrome. <i>Blood</i> , 2013, 122, LBA-3-LBA-3.	1.4	1
167	Endocrine-disrupting chemicals in human follicular fluid impair in vitro oocyte developmental competence. <i>Human Reproduction</i> , 2012, 27, 1025-1033.	0.9	97
168	Loss-of-function mutations in HINT1 cause axonal neuropathy with neuromyotonia. <i>Nature Genetics</i> , 2012, 44, 1080-1083.	21.4	102
169	Hearing Disability Measured by the Speech, Spatial, and Qualities of Hearing Scale in Clinically Normal-Hearing and Hearing-Impaired Middle-Aged Persons, and Disability Screening by Means of a Reduced SSQ (the SSQ5). <i>Ear and Hearing</i> , 2012, 33, 615-616.	2.1	85
170	Association study of common variants in the sFRP1 gene region and parameters of bone strength and body composition in two independent healthy Caucasian male cohorts. <i>Molecular Genetics and Metabolism</i> , 2012, 105, 508-515.	1.1	5
171	Identification and functional characterization of the human EXT1 promoter region. <i>Gene</i> , 2012, 492, 148-159.	2.2	18
172	A Mutation in CABP2 , Expressed in Cochlear Hair Cells, Causes Autosomal-Recessive Hearing Impairment. <i>American Journal of Human Genetics</i> , 2012, 91, 636-645.	6.2	96
173	Genome wide analysis in a family with sensorineural hearing loss, autism and mental retardation. <i>Gene</i> , 2012, 510, 102-106.	2.2	5
174	Spatiotemporal evolution of early innate immune responses triggered by neural stem cell grafting. <i>Stem Cell Research and Therapy</i> , 2012, 3, 56.	5.5	34
175	C-Terminal Clipping of Chemokine CCL11-309 Enhances CCR8-Mediated Intracellular Calcium Release and Anti-Apoptotic Activity. <i>PLoS ONE</i> , 2012, 7, e34199.	2.5	18
176	Comparative Analysis of Dynamic Cell Viability, Migration and Invasion Assessments by Novel Real-Time Technology and Classic Endpoint Assays. <i>PLoS ONE</i> , 2012, 7, e46536.	2.5	229
177	<i>COL1A1</i> association and otosclerosis: A meta-analysis. <i>American Journal of Medical Genetics, Part A</i> , 2012, 158A, 1066-1070.	1.2	20
178	Abstract 4300: Comparative assessment of cell viability and motility kinetics by novel real-time technology and classic endpoint assays. , 2012, , .		2
179	A genome-wide analysis of population structure in the Finnish Saami with implications for genetic association studies. <i>European Journal of Human Genetics</i> , 2011, 19, 347-352.	2.8	19
180	Genetic variants in the RELN gene are associated with otosclerosis in multiple European populations. <i>Human Genetics</i> , 2010, 127, 155-162.	3.8	28

#	ARTICLE	IF	CITATIONS
181	The majority of the genetic risk for Paget's disease of bone is explained by genetic variants close to the CSF1, OPTN, TM7SF4, and TNFRSF11A genes. <i>Human Genetics</i> , 2010, 128, 615-626.	3.8	54
182	Genetic variation in the <i>TNFRSF11A</i> gene encoding RANK is associated with susceptibility to Paget's disease of bone. <i>Journal of Bone and Mineral Research</i> , 2010, 25, 2592-2605.	2.8	42
183	Genetic variants in <i>RELN</i> are associated with otosclerosis in a non-European population from Tunisia. <i>Annals of Human Genetics</i> , 2010, 74, 399-405.	0.8	18
184	A genome-wide association study for age-related hearing impairment in the Saami. <i>European Journal of Human Genetics</i> , 2010, 18, 685-693.	2.8	88
185	Heritability of audiometric shape parameters and familial aggregation of presbycusis in an elderly Flemish population. <i>Hearing Research</i> , 2010, 265, 1-10.	2.0	18
186	Genome-wide SNP analysis reveals no gain in power for association studies of common variants in the Finnish Saami. <i>European Journal of Human Genetics</i> , 2010, 18, 569-574.	2.8	3
187	GRM7 variants confer susceptibility to age-related hearing impairment. <i>Human Molecular Genetics</i> , 2009, 18, 785-796.	2.9	174
188	Audiometric shape and presbycusis. <i>International Journal of Audiology</i> , 2009, 48, 222-232.	1.7	67
189	Variations in HSP70 genes associated with noise-induced hearing loss in two independent populations. <i>European Journal of Human Genetics</i> , 2009, 17, 329-335.	2.8	78
190	Phenotypic variability of patients homozygous for the GJB2 mutation 35delG cannot be explained by the influence of one major modifier gene. <i>European Journal of Human Genetics</i> , 2009, 17, 517-524.	2.8	46
191	Analysis of Gene Polymorphisms Associated with K <sup>+</sup> Ion Circulation in the Inner Ear of Patients Susceptible and Resistant to Noise-induced Hearing Loss. <i>Annals of Human Genetics</i> , 2009, 73, 411-421.	0.8	67
192	A Genome-wide Analysis Identifies Genetic Variants in the RELN Gene Associated with Otosclerosis. <i>American Journal of Human Genetics</i> , 2009, 84, 328-338.	6.2	66
193	No Evidence for Association Between the Renin-Angiotensin-Aldosterone System and Otosclerosis in a Large Belgian-Dutch Population. <i>Otology and Neurotology</i> , 2009, 30, 1079-1083.	1.3	26
194	Association of Bone Morphogenetic Proteins With Otosclerosis. <i>Journal of Bone and Mineral Research</i> , 2008, 23, 507-516.	2.8	58
195	Occupational Noise, Smoking, and a High Body Mass Index are Risk Factors for Age-related Hearing Impairment and Moderate Alcohol Consumption is Protective: A European Population-based Multicenter Study. <i>JARO - Journal of the Association for Research in Otolaryngology</i> , 2008, 9, 264-276.	1.8	214
196	Genome-wide SNP-Based Linkage Scan Identifies a Locus on 8q24 for an Age-Related Hearing Impairment Trait. <i>American Journal of Human Genetics</i> , 2008, 83, 401-407.	6.2	54
197	The grainyhead like 2 gene (GRHL2), alias TFCP2L3, is associated with age-related hearing impairment. <i>Human Molecular Genetics</i> , 2008, 17, 159-169.	2.9	121
198	Effect of genetic background on acoustic startle response in fragile X knockout mice. <i>Genetical Research</i> , 2008, 90, 341-345.	0.9	24

#	ARTICLE	IF	CITATIONS
199	The influence of genetic factors, smoking and cardiovascular diseases on human noise susceptibility. <i>Audiological Medicine</i> , 2007, 5, 82-91.	0.4	12
200	The coding polymorphism T263I in TGF- $\beta$ 1 is associated with otosclerosis in two independent populations. <i>Human Molecular Genetics</i> , 2007, 16, 2021-2030.	2.9	75
201	Association between variations in CAT and noise-induced hearing loss in two independent noise-exposed populations. <i>Human Molecular Genetics</i> , 2007, 16, 1872-1883.	2.9	85
202	Identification of Sex-Specific Associations Between Polymorphisms of the Osteoprotegerin Gene, TNFRSF11B, and Paget's Disease of Bone. <i>Journal of Bone and Mineral Research</i> , 2007, 22, 1062-1071.	2.8	59
203	The contribution of GJB2 (Connexin 26) 35delG to age-related hearing impairment and noise-induced hearing loss. <i>Otology and Neurotology</i> , 2007, 28, 970-5.	1.3	37
204	Monogenic nonsyndromic otosclerosis: Audiological and linkage analysis in a large Greek pedigree. <i>International Journal of Pediatric Otorhinolaryngology</i> , 2006, 70, 631-637.	1.0	10
205	Audiometric Analyses Confirm a Cochlear Component, Disproportional to Age, in Stapedial Otosclerosis. <i>Otology and Neurotology</i> , 2006, 27, 781-787.	1.3	29
206	The contribution of genes involved in potassium-recycling in the inner ear to noise-induced hearing loss. <i>Human Mutation</i> , 2006, 27, 786-795.	2.5	109
207	The influence of genetic variation in oxidative stress genes on human noise susceptibility. <i>Hearing Research</i> , 2005, 202, 87-96.	2.0	88
208	A Genotype-Phenotype Correlation with Gender-Effect for Hearing Impairment Caused by <i>TECTA</i> Mutations. <i>Cellular Physiology and Biochemistry</i> , 2004, 14, 369-376.	1.6	56
209	A Novel Z-Score-Based Method to Analyze Candidate Genes for Age-Related Hearing Impairment. <i>Ear and Hearing</i> , 2004, 25, 133-141.	2.1	25
210	Age-related hearing impairment (ARHI): environmental risk factors and genetic prospects. <i>Experimental Gerontology</i> , 2003, 38, 353-359.	2.8	80
211	Mutations in the COCH gene are a frequent cause of autosomal dominant progressive cochleo-vestibular dysfunction, but not of Meniere's disease. <i>European Journal of Human Genetics</i> , 2003, 11, 744-748.	2.8	85
212	Progressive Late-Onset Sensorineural Hearing Loss and Vestibular Impairment with Vertigo (DFNA9/COCH): Longitudinal Analyses in a Belgian Family. <i>Otology and Neurotology</i> , 2003, 24, 743-748.	1.3	29
213	A mutational hot spot in the KCNQ4 gene responsible for autosomal dominant hearing impairment. <i>Human Mutation</i> , 2002, 20, 15-19.	2.5	48
214	Is DFNA5 a susceptibility gene for age-related hearing impairment?. <i>European Journal of Human Genetics</i> , 2002, 10, 883-886.	2.8	27
215	A common ancestor for COCH related cochleovestibular (DFNA9) patients in Belgium and The Netherlands bearing the P51S mutation. <i>Journal of Medical Genetics</i> , 2001, 38, 61-65.	3.2	43
216	Familial Progressive Vestibulocochlear Dysfunction Caused by a COCH Mutation (DFNA9). <i>Archives of Neurology</i> , 2000, 57, 1045.	4.5	24

#	ARTICLE	IF	CITATIONS
217	A New Neurological Syndrome with Mental Retardation, Choreoathetosis, and Abnormal Behavior Maps to Chromosome Xp11. <i>American Journal of Human Genetics</i> , 1999, 65, 1406-1412.	6.2	44
218	Evidence for somatic and germline mosaicism in CRASH syndrome. <i>Human Mutation</i> , 1998, 11, S284-S287.	2.5	14
219	Familial congenital hydrocephalus and aqueduct stenosis with probably autosomal dominant inheritance and variable expression. <i>Journal of the Neurological Sciences</i> , 1998, 158, 101-105.	0.6	23
220	Dependence of the Ligation Efficiency of Large DNA Fragments Isolated from Agarose Gels on the Purification Method. <i>Preparative Biochemistry and Biotechnology</i> , 1998, 28, 235-241.	1.9	1
221	The clinical spectrum of mutations in L1, a neuronal cell adhesion molecule. , 1996, 64, 73-77.		74
222	A locus-specific mutation database for the neural cell adhesion molecule L1CAM (Xq28). <i>Human Mutation</i> , 1996, 8, 391-391.	2.5	47
223	CRASH Syndrome: Clinical Spectrum of Corpus Callosum Hypoplasia, Retardation, Adducted Thumbs, Spastic Paraparesis and Hydrocephalus Due to Mutations in One Single Gene, L1. <i>European Journal of Human Genetics</i> , 1995, 3, 273-284.	2.8	201
224	X-linked hydrocephalus and MASA syndrome present in one family are due to a single missense mutation in exon 28 of the L1CAM gene. <i>Human Molecular Genetics</i> , 1994, 3, 2255-2256.	2.9	50
225	MASA syndrome is due to mutations in the neural cell adhesion gene L1CAM. <i>Nature Genetics</i> , 1994, 7, 408-413.	21.4	165
226	EMDR in the Treatment of Chronic Subjective Tinnitus: A Systematic Review. <i>Journal of EMDR Practice and Research</i> , 0, , EMDR-D-20-00005.	0.6	1