Erik Fransen

List of Publications by Year
in descending order

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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	Comparative Analysis of Dynamic Cell Viability, Migration and Invasion Assessments by Novel Real-Time Technology and Classic Endpoint Assays. PLoS ONE, 2012, 7, e46536.	2.5	229
2	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. JARO - Journal of the Association for Research in Otolaryngology, 2008, 9, 264-276.	1.8	214
3	CRASH Syndrome: Clinical Spectrum of Corpus Callosum Hypoplasia, Retardation, Adducted Thumbs, Spastic Paraparesis and Hydrocephalus Due to Mutations in One Single Gene, L1. European Journal of Human Genetics, 1995, 3, 273-284.	2.8	201
4	GRM7 variants confer susceptibility to age-related hearing impairment. Human Molecular Genetics, 2009, 18, 785-796.	2.9	174
5	Architecture of the Mouse Brain Synaptome. Neuron, 2018, 99, 781-799.e10.	8.1	167
6	MASA syndrome is due to mutations in the neural cell adhesion gene L1CAM. Nature Genetics, 1994, 7, 408-413.	21.4	165
7	A Dominant-NegativeGFI1BMutation in the Gray Platelet Syndrome. New England Journal of Medicine, 2014, 370, 245-253.	27.0	152
8	The grainyhead like 2 gene (GRHL2), alias TFCP2L3, is associated with age-related hearing impairment. Human Molecular Genetics, 2008, 17, 159-169.	2.9	121
9	Câ€terminal neurogranin is increased in cerebrospinal fluid but unchanged in plasma in Alzheimer's disease. Alzheimer's and Dementia, 2015, 11, 1461-1469.	0.8	117
10	The contribution of genes involved in potassium-recycling in the inner ear to noise-induced hearing loss. Human Mutation, 2006, 27, 786-795.	2.5	109
11	A brainwide atlas of synapses across the mouse life span. Science, 2020, 369, 270-275.	12.6	109
12	Clinical Presentation of a Complex Neurodevelopmental Disorder Caused by Mutations in ADNP. Biological Psychiatry, 2019, 85, 287-297.	1.3	108
13	Depression in Mild Cognitive Impairment is associated with Progression to Alzheimer's Disease: A Longitudinal Study. Journal of Alzheimer's Disease, 2014, 42, 1239-1250.	2.6	107
14	Loss-of-function mutations in HINT1 cause axonal neuropathy with neuromyotonia. Nature Genetics, 2012, 44, 1080-1083.	21.4	102
15	Endocrine-disrupting chemicals in human follicular fluid impair in vitro oocyte developmental competence. Human Reproduction, 2012, 27, 1025-1033.	0.9	97
16	A Mutation in CABP2 , Expressed in Cochlear Hair Cells, Causes Autosomal-Recessive Hearing Impairment. American Journal of Human Genetics, 2012, 91, 636-645.	6.2	96
17	Hypolocomotive behaviour associated with increased microglia in a prenatal immune activation model with relevance to schizophrenia. Behavioural Brain Research, 2014, 258, 179-186.	2.2	93
18	Fatty acid composition of the follicular fluid of normal weight, overweight and obese women undergoing assisted reproductive treatment: a descriptive cross-sectional study. Reproductive Biology and Endocrinology, 2014, 12, 13.	3.3	92

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19	The influence of genetic variation in oxidative stress genes on human noise susceptibility. Hearing Research, 2005, 202, 87-96.	2.0	88
20	A genome-wide association study for age-related hearing impairment in the Saami. European Journal of Human Genetics, 2010, 18, 685-693.	2.8	88
21	Large-scale analysis of DFNA5 methylation reveals its potential as biomarker for breast cancer. Clinical Epigenetics, 2018, 10, 51.	4.1	86
22	Mutations in the COCH gene are a frequent cause of autosomal dominant progressive cochleo-vestibular dysfunction, but not of Meniere's disease. European Journal of Human Genetics, 2003, 11, 744-748.	2.8	85
23	Association between variations in CAT and noise-induced hearing loss in two independent noise-exposed populations. Human Molecular Genetics, 2007, 16, 1872-1883.	2.9	85
24	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). Ear and Hearing, 2012, 33, 615-616.	2.1	85
25	Genome-wide association analysis demonstrates the highly polygenic character of age-related hearing impairment. European Journal of Human Genetics, 2015, 23, 110-115.	2.8	84
26	Diagnostic Accuracy of Cerebrospinal Fluid Amyloid-Î² Isoforms for Early and Differential Dementia Diagnosis. Journal of Alzheimer's Disease, 2015, 45, 813-822.	2.6	82
27	Age-related hearing impairment (ARHI): environmental risk factors and genetic prospects. Experimental Gerontology, 2003, 38, 353-359.	2.8	80
28	Variations in HSP70 genes associated with noise-induced hearing loss in two independent populations. European Journal of Human Genetics, 2009, 17, 329-335.	2.8	78
29	The coding polymorphism T263I in TGF-Î²1 is associated with otosclerosis in two independent populations. Human Molecular Genetics, 2007, 16, 2021-2030.	2.9	75
30	The clinical spectrum of mutations in L1, a neuronal cell adhesion molecule. , 1996, 64, 73-77.		74
31	Pharmacological Levels of Withaferin A (Withania somnifera) Trigger Clinically Relevant Anticancer Effects Specific to Triple Negative Breast Cancer Cells. PLoS ONE, 2014, 9, e87850.	2.5	70
32	Decreased Speech-In-Noise Understanding in Young Adults with Tinnitus. Frontiers in Neuroscience, 2016, 10, 288.	2.8	68
33	Audiometric shape and presbycusis. International Journal of Audiology, 2009, 48, 222-232.	1.7	67
34	Analysis of Gene Polymorphisms Associated with K⁺ Ion Circulation in the Inner Ear of Patients Susceptible and Resistant to Noiseâ€induced Hearing Loss. Annals of Human Genetics, 2009, 73, 411-421.	0.8	67
35	A Genome-wide Analysis Identifies Genetic Variants in the RELN Gene Associated with Otosclerosis. American Journal of Human Genetics, 2009, 84, 328-338.	6.2	66
36	Identification of Sex-Specific Associations Between Polymorphisms of the Osteoprotegerin Gene, TNFRSF11B, and Paget's Disease of Bone. Journal of Bone and Mineral Research, 2007, 22, 1062-1071.	2.8	59

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37	Association of Bone Morphogenetic Proteins With Otosclerosis. Journal of Bone and Mineral Research, 2008, 23, 507-516.	2.8	58
38	Thoracic Aortic Aneurysm in Infancy in Aneurysmsâ€“<scp>O</scp>steoarthritis Syndrome Due to a Novel <scp>SMAD</scp>3 Mutation: Further Delineation of the Phenotype. American Journal of Medical Genetics, Part A, 2013, 161, 1028-1035.	1.2	58
39	Decreased otolith-mediated vestibular response in 25 astronauts induced by long-duration spaceflight. Journal of Neurophysiology, 2016, 115, 3045-3051.	1.8	58
40	Methylation analysis of Gasdermin E shows great promise as a biomarker for colorectal cancer. Cancer Medicine, 2019, 8, 2133-2145.	2.8	58
41	A Genotype-Phenotype Correlation with Gender-Effect for Hearing Impairment Caused by <i>TECTA</i> Mutations. Cellular Physiology and Biochemistry, 2004, 14, 369-376.	1.6	56
42	Genome-wide SNP-Based Linkage Scan Identifies a Locus on 8q24 for an Age-Related Hearing Impairment Trait. American Journal of Human Genetics, 2008, 83, 401-407.	6.2	54
43	The majority of the genetic risk for Pagetâ€™s disease of bone is explained by genetic variants close to the CSF1, OPTN, TM7SF4, and TNFRSF11A genes. Human Genetics, 2010, 128, 615-626.	3.8	54
44	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. Frontiers in Neuroscience, 2016, 10, 512.	2.8	51
45	X-linked hydrocephalus and MASA syndrome present in one family are due to a single missense mutation in exon 28 of the L1CAM gene. Human Molecular Genetics, 1994, 3, 2255-2256.	2.9	50
46	Cx26 partial loss causes accelerated presbycusis by redox imbalance and dysregulation of Nfr2 pathway. Redox Biology, 2018, 19, 301-317.	9.0	50
47	A mutational hot spot in theKCNQ4 gene responsible for autosomal dominant hearing impairment. Human Mutation, 2002, 20, 15-19.	2.5	48
48	A locus-specific mutation database for the neural cell adhesion molecule L1CAM (Xq28). Human Mutation, 1996, 8, 391-391.	2.5	47
49	Perfluoroalkyl acid contamination of follicular fluid and its consequence for in vitro oocyte developmental competence. Science of the Total Environment, 2014, 496, 282-288.	8.0	47
50	Mutations in Splicing Factor Genes Are a Major Cause of Autosomal Dominant Retinitis Pigmentosa in Belgian Families. PLoS ONE, 2017, 12, e0170038.	2.5	47
51	Phenotypic variability of patients homozygous for the GJB2 mutation 35delG cannot be explained by the influence of one major modifier gene. European Journal of Human Genetics, 2009, 17, 517-524.	2.8	46
52	The Cerebrospinal Fluid Neurogranin/BACE1 Ratio is a Potential Correlate of Cognitive Decline in Alzheimerâ€™s Disease. Journal of Alzheimer's Disease, 2016, 53, 1523-1538.	2.6	46
53	Effect of modafinil on impulsivity and relapse in alcohol dependent patients: A randomized, placebo-controlled trial. European Neuropsychopharmacology, 2013, 23, 948-955.	0.7	45
54	A New Neurological Syndrome with Mental Retardation, Choreoathetosis, and Abnormal Behavior Maps to Chromosome Xp11. American Journal of Human Genetics, 1999, 65, 1406-1412.	6.2	44

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55	Familial hypertryptasemia with associated mast cell activation syndrome. Journal of Allergy and Clinical Immunology, 2014, 134, 1448-1450.e3.	2.9	44
56	Cerebrospinal Fluid P-Tau181P: Biomarker for Improved Differential Dementia Diagnosis. Frontiers in Neurology, 2015, 6, 138.	2.4	44
57	Plasma levels of microRNA in chronic kidney disease: patterns in acute and chronic exercise. American Journal of Physiology - Heart and Circulatory Physiology, 2015, 309, H2008-H2016.	3.2	44
58	Dysfunctional vestibular system causes a blood pressure drop in astronauts returning from space. Scientific Reports, 2015, 5, 17627.	3.3	43
59	A common ancestor for COCH related cochleovestibular (DFNA9) patients in Belgium and The Netherlands bearing the P51S mutation. Journal of Medical Genetics, 2001, 38, 61-65.	3.2	43
60	Genetic variation in the TNFRSF11A gene encoding RANK is associated with susceptibility to Paget's disease of bone. Journal of Bone and Mineral Research, 2010, 25, 2592-2605.	2.8	42
61	Chimpanzee sociability is associated with vasopressin (Avpr1a) but not oxytocin receptor gene (OXTR) variation. Hormones and Behavior, 2015, 75, 84-90.	2.1	41
62	Ergonomic design of an EEG headset using 3D anthropometry. Applied Ergonomics, 2017, 58, 128-136.	3.1	41
63	Mixture effects of copper, cadmium, and zinc on mortality and behavior of Caenorhabditis elegans. Environmental Toxicology and Chemistry, 2018, 37, 145-159.	4.3	40
64	Oxidative stress and immune aberrancies in attention-deficit/hyperactivity disorder (ADHD): a caseâ€“control comparison. European Child and Adolescent Psychiatry, 2019, 28, 719-729.	4.7	39
65	Artificial rearing of piglets: Effects on small intestinal morphology and digestion capacity. Livestock Science, 2014, 159, 165-173.	1.6	38
66	Evaluation of the accuracy of land-use based ecosystem service assessments for different thematic resolutions. Journal of Environmental Management, 2015, 156, 41-51.	7.8	38
67	Validated programmed cell death ligand 1 immunohistochemistry assays (E1L3N and <scp>SP</scp>142) reveal similar immune cell staining patterns in melanoma when using the same sensitive detection system. Histopathology, 2017, 70, 253-263.	2.9	37
68	DFNA5promoter methylation a marker for breast tumorigenesis. Oncotarget, 2017, 8, 31948-31958.	1.8	37
69	The contribution of GJB2 (Connexin 26) 35delG to age-related hearing impairment and noise-induced hearing loss. Otology and Neurotology, 2007, 28, 970-5.	1.3	37
70	Simultaneous targeting of <scp>EGFR</scp>,<scp> HER</scp>2, and <scp>HER</scp>4 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
71	Development and Validation of a Histological Method to Measure Microvessel Density in Whole-Slide Images of Cancer Tissue. PLoS ONE, 2016, 11, e0161496.	2.5	36
72	A Pilot Genome-Wide Association Study Identifies Potential Metabolic Pathways Involved in Tinnitus. Frontiers in Neuroscience, 2017, 11, 71.	2.8	35

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73	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
74	Atmospheric deposition of elements and its relevance for nutrient budgets of tropical forests. Biogeochemistry, 2020, 149, 175-193.	3.5	35
75	Spatiotemporal evolution of early innate immune responses triggered by neural stem cell grafting. Stem Cell Research and Therapy, 2012, 3, 56.	5.5	34
76	AnFBN1Deep Intronic Mutation in a Familial Case of Marfan Syndrome: An Explanation for Genetically Unsolved Cases?. Human Mutation, 2014, 35, 571-574.	2.5	34
77	Gait characteristics under different walking conditions: Association with the presence of cognitive impairment in community-dwelling older people. PLoS ONE, 2017, 12, e0178566.	2.5	34
78	Effects of Electrical Stimulation in Tinnitus Patients: Conventional Versus High-Definition tDCS. Neurorehabilitation and Neural Repair, 2018, 32, 714-723.	2.9	33
79	Can psychomotor disturbance predict ect outcome in depression?. Journal of Psychiatric Research, 2019, 117, 122-128.	3.1	33
80	Identification of ageing state clusters of reclaimed asphalt binders using principal component analysis (PCA) and hierarchical cluster analysis (HCA) based on chemo-rheological parameters. Construction and Building Materials, 2020, 244, 118276.	7.2	33
81	Genome-wide association meta-analysis identifies five novel loci for age-related hearing impairment. Scientific Reports, 2019, 9, 15192.	3.3	32
82	Determination of the Potential Tumor-Suppressive Effects of Gsdme in a Chemically Induced and in a Genetically Modified Intestinal Cancer Mouse Model. Cancers, 2019, 11, 1214.	3.7	32
83	Tumor necrosis factor-Î± impairs adiponectin signalling, mitochondrial biogenesis, and myogenesis in primary human myotubes cultures. American Journal of Physiology - Heart and Circulatory Physiology, 2016, 310, H1164-H1175.	3.2	31
84	Interrater and intrarater reliability of the pectoralis minor muscle length measurement in subjects with and without shoulder impingement symptoms. Manual Therapy, 2014, 19, 294-298.	1.6	30
85	A mood stateâ€specific interaction between kynurenine metabolism and inflammation is present in bipolar disorder. Bipolar Disorders, 2020, 22, 59-69.	1.9	30
86	Enrichment of Rare Variants in Loeysâ€“Dietz Syndrome Genes in Spontaneous Coronary Artery Dissection but Not in Severe Fibromuscular Dysplasia. Circulation, 2020, 142, 1021-1024.	1.6	30
87	Progressive Late-Onset Sensorineural Hearing Loss and Vestibular Impairment with Vertigo (DFNA9/COCH): Longitudinal Analyses in a Belgian Family. Otology and Neurotology, 2003, 24, 743-748.	1.3	29
88	Audiometric Analyses Confirm a Cochlear Component, Disproportional to Age, in Stapedial Otosclerosis. Otology and Neurotology, 2006, 27, 781-787.	1.3	29
89	Automated PGP9.5 immunofluorescence staining: a valuable tool in the assessment of small fiber neuropathy?. BMC Research Notes, 2016, 9, 280.	1.4	29
90	How innate is locomotion in precocial animals? A study on the early development of spatio-temporal gait variables and gait symmetry in piglets. Journal of Experimental Biology, 2017, 220, 2706-2716.	1.7	29

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91	Genetic variants in the RELN gene are associated with otosclerosis in multiple European populations. Human Genetics, 2010, 127, 155-162.	3.8	28
92	Human Rab7 mutation mimics features of Charcotâ€“Marieâ€“Tooth neuropathy type 2B in Drosophila. Neurobiology of Disease, 2014, 65, 211-219.	4.4	28
93	Immune and Neuroendocrine Trait and State Markers in Psychotic Illness: Decreased Kynurenines Marking Psychotic Exacerbations. Frontiers in Immunology, 2019, 10, 2971.	4.8	28
94	Is DFNA5 a susceptibility gene for age-related hearing impairment?. European Journal of Human Genetics, 2002, 10, 883-886.	2.8	27
95	The effects of nicotine on cognition are dependent on baseline performance. European Neuropsychopharmacology, 2014, 24, 1015-1023.	0.7	27
96	The Synapse Diversity Dilemma: Molecular Heterogeneity Confounds Studies of Synapse Function. Frontiers in Synaptic Neuroscience, 2020, 12, 590403.	2.5	27
97	No Evidence for Association Between the Renin-Angiotensin-Aldosterone System and Otosclerosis in a Large Belgian-Dutch Population. Otology and Neurotology, 2009, 30, 1079-1083.	1.3	26
98	Age of Onset and Neuropsychological Functioning in Alcohol Dependent Inpatients. Alcoholism: Clinical and Experimental Research, 2013, 37, 407-416.	2.4	26
99	Quantifying critical conditions for seaward expansion of tidal marshes: A transplantation experiment. Estuarine, Coastal and Shelf Science, 2016, 169, 227-237.	2.1	26
100	A Novel Z-Scoreâ€“Based Method to Analyze Candidate Genes for Age-Related Hearing Impairment. Ear and Hearing, 2004, 25, 133-141.	2.1	25
101	Unravelling the controls of lateral expansion and elevation change of pioneer tidal marshes. Geomorphology, 2016, 274, 106-115.	2.6	25
102	Ethyl glucuronide in keratinous matrices as biomarker of alcohol use: A correlation study between hair and nails. Forensic Science International, 2017, 279, 187-191.	2.2	25
103	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
104	Familial Progressive Vestibulocochlear Dysfunction Caused by a COCH Mutation (DFNA9). Archives of Neurology, 2000, 57, 1045.	4.5	24
105	Effect of genetic background on acoustic startle response in fragile X knockout mice. Genetical Research, 2008, 90, 341-345.	0.9	24
106	The Belgian MicroArray Prenatal (BEMAPRE) database: A systematic nationwide repository of fetal genomic aberrations. Prenatal Diagnosis, 2018, 38, 1120-1128.	2.3	24
107	The Gasdermin E gene Potential as a Pan-Cancer Biomarker, While Discriminating between Different Tumor Types. Cancers, 2019, 11, 1810.	3.7	24
108	Familial congenital hydrocephalus and aqueduct stenosis with probably autosomal dominant inheritance and variable expression. Journal of the Neurological Sciences, 1998, 158, 101-105.	0.6	23

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109	Effect of a physical conditioning versus health promotion intervention in dancers: A randomized controlled trial. Manual Therapy, 2014, 19, 562-568.	1.6	22
110	The Maudsley Staging Method as predictor of electroconvulsive therapy effectiveness in depression. Acta Psychiatrica Scandinavica, 2018, 138, 605-614.	4.5	22
111	The impact of cognitive impairment on the physical ageing process. Aging Clinical and Experimental Research, 2018, 30, 1297-1306.	2.9	22
112	Sham-Controlled Study of Optokinetic Stimuli as Treatment for Mal de Debarquement Syndrome. Frontiers in Neurology, 2018, 9, 887.	2.4	21
113	Large-scale copy number analysis reveals variations in genes not previously associated with malignant pleural mesothelioma. Oncotarget, 2017, 8, 113673-113686.	1.8	21
114	COL1A1 association and otosclerosis: A metaâ€analysis. American Journal of Medical Genetics, Part A, 2012, 158A, 1066-1070.	1.2	20
115	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. Theriogenology, 2014, 82, 387-395.	2.1	20
116	Interaction between isoprene and ozone fluxes in a poplar plantation and its impact on air quality at the European level. Scientific Reports, 2016, 6, 32676.	3.3	20
117	A genome-wide analysis of population structure in the Finnish Saami with implications for genetic association studies. European Journal of Human Genetics, 2011, 19, 347-352.	2.8	19
118	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
119	Genetic variants in RELN are associated with otosclerosis in a nonâ€European population from Tunisia. Annals of Human Genetics, 2010, 74, 399-405.	0.8	18
120	Heritability of audiometric shape parameters and familial aggregation of presbycusis in an elderly Flemish population. Hearing Research, 2010, 265, 1-10.	2.0	18
121	Identification and functional characterization of the human EXT1 promoter region. Gene, 2012, 492, 148-159.	2.2	18
122	C-Terminal Clipping of Chemokine CCL1/I-309 Enhances CCR8-Mediated Intracellular Calcium Release and Anti-Apoptotic Activity. PLoS ONE, 2012, 7, e34199.	2.5	18
123	Antihepatotoxic activity of a quantified Desmodium adscendens decoction and d-pinitol against chemically-induced liver damage in rats. Journal of Ethnopharmacology, 2013, 146, 250-256.	4.1	18
124	Linking CD11b⁺Dendritic Cells and Natural Killer T Cells to Plaque Inflammation in Atherosclerosis. Mediators of Inflammation, 2016, 2016, 1-12.	3.0	18
125	Neurotrophic and inflammatory markers in bipolar disorder: A prospective study. Psychoneuroendocrinology, 2017, 84, 143-150.	2.7	18
126	Prolyl carboxypeptidase activity in the circulation and its correlation with body weight and adipose tissue in lean and obese subjects. PLoS ONE, 2018, 13, e0197603.	2.5	18

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127	Genetic Association Analysis in a Clinically and Histologically Confirmed Otosclerosis Population Confirms Association With the TGFB1 Gene but Suggests an Association of the RELN Gene With a Clinically Indistinguishable Otosclerosis-Like Phenotype. Otology and Neurotology, 2014, 35, 1058-1064.	1.3	17
128	Hatching asynchrony aggravates inbreeding depression in a songbird (Serinus canaria): An inbreeding-environment interaction. Evolution; International Journal of Organic Evolution, 2015, 69, 1063-1068.	2.3	17
129	In Vivo Interleukin-13-Primed Macrophages Contribute to Reduced Alloantigen-Specific T Cell Activation and Prolong Immunological Survival of Allogeneic Mesenchymal Stem Cell Implants. Stem Cells, 2016, 34, 1971-1984.	3.2	17
130	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
131	Failed Downregulation of Circulating MicroRNA-155 in the Early Phase after ST Elevation Myocardial Infarction Is Associated with Adverse Left Ventricular Remodeling. Cardiology, 2017, 138, 91-96.	1.4	16
132	Influence of Body Mass Index on Hair Ethyl Glucuronide Concentrations. Alcohol and Alcoholism, 2017, 52, 19-23.	1.6	16
133	Cerebrospinal fluid and serum MHPG improve Alzheimer's disease versus dementia with Lewy bodies differential diagnosis. Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring, 2018, 10, 172-181.	2.4	16
134	A novel serine protease inhibitor as potential treatment for dry eye syndrome and ocular inflammation. Scientific Reports, 2020, 10, 17268.	3.3	16
135	Familial Aggregation of Pure Tone Hearing Thresholds in an Aging European Population. Otology and Neurotology, 2013, 34, 838-844.	1.3	15
136	The Virtual Morris Water Task in 64 Patients With Bilateral Vestibulopathy and the Impact of Hearing Status. Frontiers in Neurology, 2020, 11, 710.	2.4	15
137	Evidence for somatic and germline mosaicism in CRASH syndrome. Human Mutation, 1998, 11, S284-S287.	2.5	14
138	Longitudinal Evaluation of the Psychomotor Syndrome in Schizophrenia. Journal of Neuropsychiatry and Clinical Neurosciences, 2014, 26, 359-368.	1.8	14
139	Smooth muscle cell transplantation improves bladder contractile function in streptozocin-induced diabetic rats. Cytotherapy, 2013, 15, 869-878.	0.7	13
140	Differential Effects of Inflammatory and Psychosocial Stress on Mood, Hypothalamic-Pituitary-Adrenal Axis, and Inflammation in Remitted Depression. Neuropsychobiology, 2016, 74, 150-158.	1.9	13
141	Artificial rearing influences the morphology, permeability and redox state of the gastrointestinal tract of low and normal birth weight piglets. Journal of Animal Science and Biotechnology, 2017, 8, 30.	5.3	13
142	Evaluating Complex Mixtures in the Zebrafish Embryo by Reconstituting Field Water Samples: A Metal Pollution Case Study. International Journal of Molecular Sciences, 2017, 18, 539.	4.1	13
143	Molecular characterization and investigation of the role of genetic variation in phenotypic variability and response to treatment in a large pediatric Marfan syndrome cohort. Genetics in Medicine, 2022, 24, 1045-1053.	2.4	13
144	The influence of genetic factors, smoking and cardiovascular diseases on human noise susceptibility. Audiological Medicine, 2007, 5, 82-91.	0.4	12

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145	ResoluteÂ® and xience VÂ® polymerâ€based drugâ€eluting stents compared in an atherosclerotic rabbit double injury model. Catheterization and Cardiovascular Interventions, 2013, 81, E259-68.	1.7	12
146	Monoaminergic Markers Across the Cognitive Spectrum of Lewy Body Disease. Journal of Parkinson's Disease, 2018, 8, 71-84.	2.8	12
147	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. Ear and Hearing, 2021, 42, 1525-1543.	2.1	12
148	Inter- and Intra-Scanner Variability of Automated Brain Volumetry on Three Magnetic Resonance Imaging Systems in Alzheimerâ€™s Disease and Controls. Frontiers in Aging Neuroscience, 2021, 13, 746982.	3.4	12
149	Long-term warming reduced microbial biomass but increased recent plant-derived C in microbes of a subarctic grassland. Soil Biology and Biochemistry, 2022, 167, 108590.	8.8	12
150	Coadministration of a Gloriosa superba extract improves the in vivo antitumoural activity of gemcitabine in a murine pancreatic tumour model. Phytomedicine, 2016, 23, 1434-1440.	5.3	11
151	Insufficient evidence for a role of SERPINF1 in otosclerosis. Molecular Genetics and Genomics, 2019, 294, 1001-1006.	2.1	11
152	Polysomnographic phenotype of isolated REM sleep without atonia. Clinical Neurophysiology, 2020, 131, 2508-2515.	1.5	11
153	Between Pleasure and Pain: A Pilot Study on the Biological Mechanisms Associated with BDSM Interactions in Dominants and Submissives. Journal of Sexual Medicine, 2020, 17, 784-792.	0.6	11
154	Monogenic nonsyndromic otosclerosis: Audiological and linkage analysis in a large Greek pedigree. International Journal of Pediatric Otorhinolaryngology, 2006, 70, 631-637.	1.0	10
155	Space Motion Sickness Countermeasures: A Pharmacological Double-Blind, Placebo-Controlled Study. Aviation, Space, and Environmental Medicine, 2014, 85, 638-644.	0.5	10
156	Illness Perceptions Explain the Variance in Functional Disability, but Not Habitual Physical Activity, in Patients With Chronic Low Back Pain: A Crossâ€Sectional Study. Pain Practice, 2018, 18, 523-531.	1.9	10
157	A human importin-Î²-related disorder: Syndromic thoracic aortic aneurysm caused by bi-allelic loss-of-function variants in IPO8. American Journal of Human Genetics, 2021, 108, 1115-1125.	6.2	10
158	Genotype-phenotype Correlation Study in a Large Series of Patients Carrying the p.Pro51Ser (p.P51S) Variant in COCH (DFNA9): Part Iâ€”A Cross-sectional Study of Hearing Function in 111 Carriers. Ear and Hearing, 2021, 42, 1508-1524.	2.1	10
159	Blood Cytokine Analysis Suggests That SARS-CoV-2 Infection Results in a Sustained Tumour Promoting Environment in Cancer Patients. Cancers, 2021, 13, 5718.	3.7	10
160	Loss of Neuroglobin Expression Alters Cdkn1a/Cdk6-Expression Resulting in Increased Proliferation of Neural Stem Cells. Stem Cells and Development, 2018, 27, 378-390.	2.1	9
161	Auditory Performances in Older and Younger Adult Cochlear Implant Recipients: Use of the HEARRING Registry. Otology and Neurotology, 2019, 40, e787-e795.	1.3	9
162	WNT16 Requires GÎ± Subunits as Intracellular Partners for Both Its Canonical and Non-Canonical WNT Signalling Activity in Osteoblasts. Calcified Tissue International, 2020, 106, 294-302.	3.1	9

#	Article	IF	Citations
163	Progressive tau aggregation does not alter functional brain network connectivity in seeded hTau.P301L mice. Neurobiology of Disease, 2020, 143, 105011.	4.4	9
164	Prediction of delayed graft function using different scoring algorithms: A single-center experience. World Journal of Transplantation, 2017, 7, 260-268.	1.6	9
165	Genomeâ€wide DNA methylation profiling and identification of potential panâ€cancer and tumorâ€specific biomarkers. Molecular Oncology, 2022, 16, 2432-2447.	4.6	9
166	Distinguishing Subgroups Based on Psychomotor Functioning among Patients with Major Depressive Disorder. Neuropsychobiology, 2017, 76, 199-208.	1.9	8
167	Observer-rated retardation but not agitation corresponds to objective motor measures in depression. Acta Neuropsychiatrica, 2018, 30, 359-364.	2.1	8
168	Dysregulated activities of proline-specific enzymes in septic shock patients (sepsis-2). PLoS ONE, 2020, 15, e0231555.	2.5	8
169	Resequencing of candidate genes for Keratoconus reveals a role for Ehlersâ€“Danlos Syndrome genes. European Journal of Human Genetics, 2021, 29, 1745-1755.	2.8	8
170	DNA Methylation as a Diagnostic Biomarker for Malignant Mesothelioma: A Systematic Review and Meta-Analysis. Journal of Thoracic Oncology, 2021, 16, 1461-1478.	1.1	8
171	Baclofen affects the semicircular canals but not the otoliths in humans. Acta Oto-Laryngologica, 2013, 133, 846-852.	0.9	7
172	Stable Schizophrenia Patients Learn Equally Well as Age-Matched Controls and Better than Elderly Controls in Two Sensorimotor Rotary Pursuit Tasks. Frontiers in Psychiatry, 2014, 5, 165.	2.6	7
173	Phosphorus addition increased carbon partitioning to autotrophic respiration but not to biomass production in an experiment with Zea mays. Plant, Cell and Environment, 2020, 43, 2054-2065.	5.7	7
174	Diagnostic Performance of Automated MRI Volumetry by icobrain dm for Alzheimerâ€™s Disease in a Clinical Setting: A REMEMBER Study. Journal of Alzheimer's Disease, 2021, 83, 623-639.	2.6	7
175	Exercise- and Stress-Induced Hypoalgesia in Musicians with and without Shoulder Pain: A Randomized Controlled Crossover Study. Pain Physician, 2016, 19, 59-68.	0.4	7
176	Longâ€Term Vascular Responses to ResoluteÂ® and Xience VÂ® Polymerâ€Based Drugâ€Eluting Stents in a Rabbit Model of Atherosclerosis. Journal of Interventional Cardiology, 2014, 27, 381-390.	1.2	6
177	Evaluation of a newly developed HPMC ophthalmic insert with sustainehttp://10.10.23.106:8080/TDXPSLIVEGANG/gateway/elsevierjournal/index.jsp#d release properties as a carrier for thermolabile therapeutics. International Journal of Pharmaceutics, 2015, 481, 37-46.	5.2	6
178	Birthweight has no influence on chemical body composition and muscle energy stores in suckling piglets. Animal Production Science, 2016, 56, 844.	1.3	6
179	Assessment of Physical Child Abuse Risk in Parents with Children Referred to Child and Adolescent Psychiatry. Child Abuse Review, 2017, 26, 411-424.	0.8	6
180	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

#	Article	IF	Citations
181	Bimodal Therapy for Chronic Subjective Tinnitus: A Randomized Controlled Trial of EMDR and TRT Versus CBT and TRT. Frontiers in Psychology, 2020, 11, 2048.	2.1	6
182	Neural pathway of bellows response during SNM treatment revisited: Conclusive evidence for direct efferent motor response. Neurourology and Urodynamics, 2020, 39, 1576-1583.	1.5	6
183	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. Neuromodulation, 2020, 23, 1172-1179.	0.8	6
184	Postoperative ileus after laparoscopic primary and incisional abdominal hernia repair with intraperitoneal mesh (DynaMeshÂ®-IPOM versus Parietexâ„¢ Composite): a single institution experience. Langenbeck's Archives of Surgery, 2021, 406, 209-218.	1.9	6
185	A wide range of protective and predisposing variants in aggrecan influence the susceptibility for otosclerosis. Human Genetics, 2022, 141, 951-963.	3.8	6
186	Genetics of otosclerosis: finally catching up with other complex traits?. Human Genetics, 2022, 141, 939-950.	3.8	6
187	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. Molecular Genetics and Metabolism, 2012, 105, 508-515.	1.1	5
188	Genome wide analysis in a family with sensorineural hearing loss, autism and mental retardation. Gene, 2012, 510, 102-106.	2.2	5
189	Motor impairment among different psychiatric disorders: Can patterns be identified?. Human Movement Science, 2015, 44, 317-326.	1.4	5
190	Ethyl glucuronide in nails: method validation, influence of decontamination and pulverization, and particle size evaluation. Forensic Toxicology, 2016, 34, 158-165.	2.4	5
191	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
192	Genetic Variation in RIN3 in the Belgian Population Supports Its Involvement in the Pathogenesis of Pagetâ€™s Disease of Bone and Modifies the Age of Onset. Calcified Tissue International, 2019, 104, 613-621.	3.1	5
193	Performance of the Psychotic Depression Assessment Scale as a Predictor of ECT Outcome. Journal of ECT, 2019, 35, 238-244.	0.6	5
194	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
195	Prenatally detected copy number variants in a national cohort: A postnatal followâ€up study. Prenatal Diagnosis, 2020, 40, 1272-1283.	2.3	5
196	Luminescent HumanÂiPSC-Derived Neurospheroids Enable Modeling of Neurotoxicity After Oxygenâ€“glucose Deprivation. Neurotherapeutics, 2022, 19, 550-569.	4.4	5
197	Delineation of a new fibrillino-2-pathy with evidence for a role of FBN2 in the pathogenesis of carpal tunnel syndrome. Journal of Medical Genetics, 2020, 58, jmedgenet-2020-107085.	3.2	4
198	The impact of COVID-19 lockdown on the general health status of people with chronic health conditions in Belgium: a cross-sectional survey study. Physiotherapy Theory and Practice, 2022, , 1-16.	1.3	4

#	Article	IF	Citations
199	Genome-wide SNP analysis reveals no gain in power for association studies of common variants in the Finnish Saami. European Journal of Human Genetics, 2010, 18, 569-574.	2.8	3
200	Genome-wide analysis reveals a novel autosomal-recessive hearing loss locus DFNB80 on chromosome 2p16.1-p21. Journal of Human Genetics, 2013, 58, 98-101.	2.3	3
201	Pelvic floor activation upon stimulation of the sacral spinal nerves in sacral neuromodulation patients. Neurourology and Urodynamics, 2020, 39, 1815-1823.	1.5	3
202	Minimally invasive sampling to identify leprosy patients with a high bacterial burden in the Union of the Comoros. PLoS Neglected Tropical Diseases, 2021, 15, e0009924.	3.0	3
203	Morpho-functional comparison of differentiation protocols to create iPSC-derived cardiomyocytes. Biology Open, 2022, 11, .	1.2	3
204	Mapping of Carboxypeptidase M in Normal Human Kidney and Renal Cell Carcinoma. Journal of Histochemistry and Cytochemistry, 2013, 61, 218-235.	2.5	2
205	Dutch Translation and Validation of the FACE-Q Rhinoplasty Module. Facial Plastic Surgery, 2021, 37, 296-301.	0.9	2
206	Abstract 4300: Comparative assessment of cell viability and motility kinetics by novel real-time technology and classic endpoint assays. , 2012, , .		2
207	Multidimensionality of Patient-Reported Outcome Measures in Rhinoplasty Satisfaction. Facial Plastic Surgery, 2022, 38, 468-476.	0.9	2
208	Dependence of the Ligation Efficiency of Large DNA Fragments Isolated from Agarose Gels on the Purification Method. Preparative Biochemistry and Biotechnology, 1998, 28, 235-241.	1.9	1
209	Isolation of high-quality RNA from stented blood vessels. Microvascular Research, 2013, 89, 161-163.	2.5	1
210	A Panel-Based Sequencing Analysis of Patients with Pagetâ€™s Disease of Bone Suggests Enrichment of Rare Genetic Variation in regulators of NF-Î¹B Signaling and Supports the Importance of the 7q33 Locus. Calcified Tissue International, 2021, 109, 656-665.	3.1	1
211	Hearing Function: Identification of New Candidate Genes Further Explaining the Complexity of This Sensory Ability. Genes, 2021, 12, 1228.	2.4	1
212	EMDR in the Treatment of Chronic Subjective Tinnitus: A Systematic Review. Journal of EMDR Practice and Research, 0, , EMDR-D-20-00005.	0.6	1
213	Generic Crew Resource Management training to improve non-technical skills in acute care - Phase 2: A pre-post multicentric intervention study. Clinical Simulation in Nursing, 2021, , .	3.0	1
214	A Dominant-Negative GFI1B Mutation in Gray Platelet Syndrome. Blood, 2013, 122, LBA-3-LBA-3.	1.4	1
215	Finding the Optimal Fatty Acid Composition for Biodiesel Improving the Emissions of a One-Cylinder Diesel Generator. Sustainability, 2021, 13, 12089.	3.2	1
216	Identification of Potential Urinary Metabolite Biomarkers of Pseudomonas aeruginosa Ventilator-Associated Pneumonia. Biomarker Insights, 2022, 17, 117727192210991.	2.5	1

#	Article	IF	Citations
217	P4â€322: CSF Biomarkers to Predict Rate of Cognitive Decline in Alzheimerâ€™S Disease. Alzheimer's and Dementia, 2016, 12, P1157.	0.8	0
218	P4â€324: Plasma Neurofilament Light Concentration Predicts Longâ€Term Outcome an Acute Stroke. Alzheimer's and Dementia, 2016, 12, P1158.	0.8	0
219	Predictive Sensitivity and Concordance of Machine-learning Tools for Diagnosing DFNA9 in a Large Series of p.Pro51Ser Variant Carriers in the COCH-gene. Otology and Neurotology, 2021, Publish Ahead of Print, 671-677.	1.3	0
220	Immune cell profiling of melanoma metastases from patients treated with TriMixDC-MEL dendritic cell therapy in combination with ipilimumab.. Journal of Clinical Oncology, 2017, 35, e21030-e21030.	1.6	0
221	Analysis of functional and aesthetic outcomes in external septorhinoplasty: study protocol. B-ent, 2020, 16, 45-50.	0.2	0
222	Piezo-assisted Turbinoplasty Versus Partial Turbinectomy in External Septorhinoplasty: A Prospective Comparative Study in 100 Patients. Aesthetic Plastic Surgery, 2022, , 1.	0.9	0
223	Dysregulated activities of proline-specific enzymes in septic shock patients (sepsis-2). , 2020, 15, e0231555.		0
224	Dysregulated activities of proline-specific enzymes in septic shock patients (sepsis-2). , 2020, 15, e0231555.		0
225	Dysregulated activities of proline-specific enzymes in septic shock patients (sepsis-2). , 2020, 15, e0231555.		0
226	Dysregulated activities of proline-specific enzymes in septic shock patients (sepsis-2). , 2020, 15, e0231555.		0