

Jeroen J G Geurts

List of Publications by Year in descending order

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Version: 2024-02-01

58
papers

2,728
citations

394421

19
h-index

197818

49
g-index

58
all docs

58
docs citations

58
times ranked

4196
citing authors

#	ARTICLE	IF	CITATIONS
1	Will the real multiple sclerosis please stand up?. <i>Nature Reviews Neuroscience</i> , 2012, 13, 507-514.	10.2	406
2	Assessment of lesions on magnetic resonance imaging in multiple sclerosis: practical guidelines. <i>Brain</i> , 2019, 142, 1858-1875.	7.6	303
3	Cognitive impairment in multiple sclerosis: clinical management, MRI, and therapeutic avenues. <i>Lancet Neurology</i> , The, 2020, 19, 860-871.	10.2	302
4	Identification of Small Heat Shock Protein B8 (HSP22) as a Novel TLR4 Ligand and Potential Involvement in the Pathogenesis of Rheumatoid Arthritis. <i>Journal of Immunology</i> , 2006, 176, 7021-7027.	0.8	246
5	Involvement of the Wnt signaling pathway in experimental and human osteoarthritis: Prominent role of Wnt-induced signaling protein 1. <i>Arthritis and Rheumatism</i> , 2009, 60, 501-512.	6.7	200
6	What drives osteoarthritis?â€”synovial versus subchondral bone pathology. <i>Rheumatology</i> , 2017, 56, kew389.	1.9	118
7	Educational Quality of YouTube Videos on Knee Arthrocentesis. <i>Journal of Clinical Rheumatology</i> , 2013, 19, 373-376.	0.9	104
8	Regulation of microglial TMEM119 and P2RY12 immunoreactivity in multiple sclerosis white and grey matter lesions is dependent on their inflammatory environment. <i>Acta Neuropathologica Communications</i> , 2019, 7, 206.	5.2	100
9	Aging and Osteoarthritis: An Inevitable Encounter?. <i>Journal of Aging Research</i> , 2012, 2012, 1-7.	0.9	50
10	The primate autoimmune encephalomyelitis model; a bridge between mouse and man. <i>Annals of Clinical and Translational Neurology</i> , 2015, 2, 581-593.	3.7	47
11	Elevated marrow inflammatory cells and osteoclasts in subchondral osteosclerosis in human knee osteoarthritis. <i>Journal of Orthopaedic Research</i> , 2016, 34, 262-269.	2.3	46
12	S100A8 causes a shift toward expression of activatory FcÎ³ receptors on macrophages via toll-like receptor 4 and regulates FcÎ³ receptor expression in synovium during chronic experimental arthritis. <i>Arthritis and Rheumatism</i> , 2010, 62, 3353-3364.	6.7	43
13	Axonâ€”Myelin Unit Blistering as Early Event in MS Normal Appearing White Matter. <i>Annals of Neurology</i> , 2021, 89, 711-725.	5.3	39
14	Combination of immortalization and inducible death strategies to generate a human mesenchymal stromal cell line with controlled survival. <i>Stem Cell Research</i> , 2014, 12, 584-598.	0.7	38
15	Axonal degeneration as substrate of fractional anisotropy abnormalities in multiple sclerosis cortex. <i>Brain</i> , 2019, 142, 1921-1937.	7.6	38
16	Nile Red fluorescence spectroscopy reports early physicochemical changes in myelin with high sensitivity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	36
17	Novel Ex Vivo Human Osteochondral Explant Model of Knee and Spine Osteoarthritis Enables Assessment of Inflammatory and Drug Treatment Responses. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1314.	4.1	31
18	Characterization of subchondral bone histopathology of facet joint osteoarthritis in lumbar spinal stenosis. <i>Journal of Orthopaedic Research</i> , 2016, 34, 1475-1480.	2.3	27

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19	Normal Aging Brain Collection Amsterdam (NABCA): A comprehensive collection of postmortem high-field imaging, neuropathological and morphometric datasets of non-neurological controls. <i>NeuroImage: Clinical</i> , 2019, 22, 101698.	2.7	25
20	Increased Osseous ^{99m} Tc-DPD Uptake in End-Stage Ankle Osteoarthritis. <i>Foot and Ankle International</i> , 2015, 36, 1438-1447.	2.3	23
21	Prematurely aging mitochondrial DNA mutator mice display subchondral osteopenia and chondrocyte hypertrophy without further osteoarthritis features. <i>Scientific Reports</i> , 2020, 10, 1296.	3.3	22
22	A crucial role for tumor necrosis factor receptor 1 in synovial lining cells and the reticuloendothelial system in mediating experimental arthritis. <i>Arthritis Research and Therapy</i> , 2010, 12, R61.	3.5	21
23	Marathon performance but not BMI affects post-marathon pro-inflammatory and cartilage biomarkers. <i>Journal of Sports Sciences</i> , 2017, 35, 711-718.	2.0	21
24	Dynamic functional connectivity as a neural correlate of fatigue in multiple sclerosis. <i>NeuroImage: Clinical</i> , 2021, 29, 102556.	2.7	21
25	A novel Saa3-promoter reporter distinguishes inflammatory subtypes in experimental arthritis and human synovial fibroblasts. <i>Annals of the Rheumatic Diseases</i> , 2011, 70, 1311-1319.	0.9	20
26	Anterior insular network disconnection and cognitive impairment in Parkinson's disease. <i>NeuroImage: Clinical</i> , 2020, 28, 102364.	2.7	20
27	Understanding Global Brain Network Alterations in Glioma Patients. <i>Brain Connectivity</i> , 2021, 11, 865-874.	1.7	20
28	Mechanistic underpinning of an inside-out concept for autoimmunity in multiple sclerosis. <i>Annals of Clinical and Translational Neurology</i> , 2021, 8, 1709-1719.	3.7	20
29	Toll-like receptor 4 signalling is specifically TGF-beta-activated kinase 1 independent in synovial fibroblasts. <i>Rheumatology</i> , 2011, 50, 1216-1225.	1.9	19
30	Ascorbic Acid Attenuates Senescence of Human Osteoarthritic Osteoblasts. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2517.	4.1	19
31	Postoperative oscillatory brain activity as an add-on prognostic marker in diffuse glioma. <i>Journal of Neuro-Oncology</i> , 2020, 147, 49-58.	2.9	19
32	Is MS affecting the CNS only?. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2021, 8, e914.	6.0	19
33	Longitudinal Network Changes and Conversion to Cognitive Impairment in Multiple Sclerosis. <i>Neurology</i> , 2021, 97, e794-e802.	1.1	19
34	Computational Design and Application of Endogenous Promoters for Transcriptionally Targeted Gene Therapy for Rheumatoid Arthritis. <i>Molecular Therapy</i> , 2009, 17, 1877-1887.	8.2	18
35	Alterations of Subchondral Bone Progenitor Cells in Human Knee and Hip Osteoarthritis Lead to a Bone Sclerosis Phenotype. <i>International Journal of Molecular Sciences</i> , 2018, 19, 475.	4.1	18
36	Post-Mortem MRI and Histopathology in Neurologic Disease: A Translational Approach. <i>Neuroscience Bulletin</i> , 2019, 35, 229-243.	2.9	18

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37	FGF2 induces RANKL gene expression as well as IL1 β regulated MHC class II in human bone marrow-derived mesenchymal progenitor stromal cells. <i>Annals of the Rheumatic Diseases</i> , 2015, 74, 260-266.	0.9	17
38	Can post-mortem MRI be used as a proxy for in vivo? A case study. <i>Brain Communications</i> , 2019, 1, fcz030.	3.3	17
39	Relationship between β -amyloid and structural network topology in decedents without dementia. <i>Neurology</i> , 2020, 95, e532-e544.	1.1	17
40	Multicolor flow cytometry-based cellular phenotyping identifies osteoprogenitors and inflammatory cells in the osteoarthritic subchondral bone marrow compartment. <i>Osteoarthritis and Cartilage</i> , 2015, 23, 1865-1869.	1.3	16
41	Functional connectivity between resting-state networks reflects decline in executive function in Parkinson's disease: A longitudinal fMRI study. <i>NeuroImage: Clinical</i> , 2020, 28, 102468.	2.7	15
42	Comparative Analysis of Bone Structural Parameters Reveals Subchondral Cortical Plate Resorption and Increased Trabecular Bone Remodeling in Human Facet Joint Osteoarthritis. <i>International Journal of Molecular Sciences</i> , 2018, 19, 845.	4.1	11
43	Axonal loss in major sensorimotor tracts is associated with impaired motor performance in minimally disabled multiple sclerosis patients. <i>Brain Communications</i> , 2021, 3, fcab032.	3.3	11
44	The Multilayer Network Approach in the Study of Personality Neuroscience. <i>Brain Sciences</i> , 2020, 10, 915.	2.3	10
45	Distinct gene expression in demyelinated white and grey matter areas of patients with multiple sclerosis. <i>Brain Communications</i> , 2022, 4, fcac005.	3.3	10
46	Multiple sclerosis and drug discovery: A work of translation. <i>EBioMedicine</i> , 2021, 68, 103392.	6.1	9
47	Functional network dynamics and decreased conscientiousness in multiple sclerosis. <i>Journal of Neurology</i> , 2022, 269, 2696-2706.	3.6	9
48	Structure-function coupling as a correlate and potential biomarker of cognitive impairment in multiple sclerosis. <i>Network Neuroscience</i> , 2022, 6, 339-356.	2.6	9
49	Gene therapy works in animal models of rheumatoid arthritis so what!. <i>Current Rheumatology Reports</i> , 2006, 8, 386-393.	4.7	8
50	An Improved Cartilage Digestion Method for Research and Clinical Applications. <i>Tissue Engineering - Part C: Methods</i> , 2015, 21, 394-403.	2.1	7
51	Functional correlates of motor control impairments in multiple sclerosis: A 7 Tesla task <sc>functional MRI</sc> study. <i>Human Brain Mapping</i> , 2021, 42, 2569-2582.	3.6	7
52	Cellular Substrates of Functional Network Integration and Memory in Temporal Lobe Epilepsy. <i>Cerebral Cortex</i> , 2022, 32, 2424-2436.	2.9	6
53	GEORG-SCHMORL-PRIZE OF THE GERMAN SPINE SOCIETY (DWG) 2016: Comparison of in vitro osteogenic potential of iliac crest and degenerative facet joint bone autografts for intervertebral fusion in lumbar spinal stenosis. <i>European Spine Journal</i> , 2017, 26, 1408-1415.	2.2	5
54	Artificial double inversion recovery images can substitute conventionally acquired images: an MRI-histology study. <i>Scientific Reports</i> , 2022, 12, 2620.	3.3	4

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55	Localization of Nerve Growth Factor Expression to Structurally Damaged Cartilaginous Tissues in Human Lumbar Facet Joint Osteoarthritis. <i>Frontiers in Immunology</i> , 2022, 13, 783076.	4.8	3
56	Suitability and realism of the novel Fix for Life cadaver model for videolaryngoscopy and fiberoptic tracheoscopy in airway management training. <i>BMC Anesthesiology</i> , 2020, 20, 203.	1.8	1
57	Toll-like receptor-4 signalling is specifically tak1-independent in synovial fibroblasts. <i>Annals of the Rheumatic Diseases</i> , 2011, 70, A16-A17.	0.9	0
58	Regulated promoters. , 2010, , 147-159.		0