

Paul Gerdhem

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1466821/publications.pdf>

Version: 2024-02-01

99
papers

2,808
citations

186265
28
h-index

206112
48
g-index

101
all docs

101
docs citations

101
times ranked

3235
citing authors

#	ARTICLE	IF	CITATIONS
1	Health-related quality of life after posterior vertebral column resection in children: comparison with healthy controls. <i>European Journal of Orthopaedic Surgery and Traumatology</i> , 2022, 32, 899-907.	1.4	2
2	Study protocol: The SunBurst trial—a register-based, randomized controlled trial on thoracolumbar burst fractures. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2022, 93, 256-263.	3.3	3
3	A “snap-shot” visual estimation of health and objectively measured frailty: capturing general health in aging older women. <i>Aging Clinical and Experimental Research</i> , 2022, 34, 1663-1671.	2.9	1
4	Effectiveness of laminectomy with fusion and laminectomy alone in degenerative cervical myelopathy. <i>European Spine Journal</i> , 2022, 31, 1300-1308.	2.2	7
5	Idiopathic scoliosis: a systematic review and meta-analysis of heritability. <i>EFORT Open Reviews</i> , 2022, 7, 414-421.	4.1	1
6	Bone Turnover Marker Profiling and Fracture Risk in Older Women: Fracture Risk from Age 75 to 90. <i>Calcified Tissue International</i> , 2022, 111, 288-299.	3.1	4
7	The heritability of coronal and sagittal phenotype in idiopathic scoliosis: a report of 12 monozygotic twin pairs. <i>Spine Deformity</i> , 2021, 9, 51-55.	1.5	1
8	Intraoperative cone beam computed tomography is as reliable as conventional computed tomography for identification of pedicle screw breach in thoracolumbar spine surgery. <i>European Radiology</i> , 2021, 31, 2349-2356.	4.5	16
9	Concomitant cranio-spinal trauma: additional risk from a cerebrovascular injury. <i>Acta Neurochirurgica</i> , 2021, 163, 45-46.	1.7	1
10	Surgeons’ behaviors and beliefs regarding placebo effects in surgery. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2021, 92, 507-512.	3.3	4
11	Predictors of persistent postoperative pain after surgery for idiopathic scoliosis. <i>Journal of Children’s Orthopaedics</i> , 2021, 15, 458-463.	1.1	3
12	Preventing Idiopathic SCOLiosis PROgression (PRISCOPRO): A protocol for a quadruple-blinded, randomized controlled trial comparing 3D designed Boston brace to standard Boston brace. <i>PLoS ONE</i> , 2021, 16, e0255264.	2.5	2
13	Site-Specific Volumetric Skeletal Changes in Women with a Distal Forearm Fracture. <i>Journal of Osteoporosis</i> , 2021, 2021, 1-7.	0.5	0
14	Anterior versus posterior fusion surgery in idiopathic scoliosis: A comparison of health-related quality of life and radiographic outcomes in Lenke 5C curves - results from the Swedish spine registry. <i>Journal of Children's Orthopaedics</i> , 2021, 15, 464-471.	1.1	3
15	The effect of minimally invasive sacroiliac joint fusion compared with sham operation: study protocol of a prospective double-blinded multicenter randomized controlled trial. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2021, , 1-7.	3.3	3
16	Six-Month Results on Treatment Adherence, Physical Activity, Spinal Appearance, Spinal Deformity, and Quality of Life in an Ongoing Randomised Trial on Conservative Treatment for Adolescent Idiopathic Scoliosis (CONTRAIS). <i>Journal of Clinical Medicine</i> , 2021, 10, 4967.	2.4	9
17	MRI Characteristics at a Mean of Thirteen Years After Lumbar Disc Herniation Surgery in Adolescents. <i>JBJS Open Access</i> , 2021, 6, .	1.5	2
18	A Novel Augmented-Reality-Based Surgical Navigation System for Spine Surgery in a Hybrid Operating Room: Design, Workflow, and Clinical Applications. <i>Operative Neurosurgery</i> , 2020, 18, 496-502.	0.8	68

#	ARTICLE	IF	CITATIONS
19	Self-Experienced Trunk Appearance in Individuals With and Without Idiopathic Scoliosis. <i>Spine</i> , 2020, 45, 522-527.	2.0	17
20	CORR Insights®: Cardiopulmonary Status in Adults with Osteogenesis Imperfecta: Intrinsic Lung Disease May Contribute More Than Scoliosis. <i>Clinical Orthopaedics and Related Research</i> , 2020, 478, 2844-2845.	1.5	0
21	Does Augmented Reality Navigation Increase Pedicle Screw Density Compared to Free-Hand Technique in Deformity Surgery? Single Surgeon Case Series of 44 Patients. <i>Spine</i> , 2020, 45, E1085-E1090.	2.0	27
22	Bone health in adolescents with idiopathic scoliosis. <i>Bone and Joint Journal</i> , 2020, 102-B, 268-272.	4.4	14
23	Augmented reality navigation with intraoperative 3D imaging vs fluoroscopy-assisted free-hand surgery for spine fixation surgery: a matched-control study comparing accuracy. <i>Scientific Reports</i> , 2020, 10, 707.	3.3	76
24	Health-Related Quality of Life Outcomes of Instrumented Circumferential Spinal Fusion for Pediatric Spondylolisthesis. <i>Spine</i> , 2020, 45, E1572-E1579.	2.0	2
25	Lumbar spinal stenosis: comparison of surgical practice variation and clinical outcome in three national spine registries. <i>Spine Journal</i> , 2019, 19, 41-49.	1.3	40
26	Association Between Vitamin D, Frailty, and Progression of Frailty in Community-Dwelling Older Women. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019, 104, 6139-6147.	3.6	18
27	Surgical Treatment of Degenerative Disk Disease in Three Scandinavian Countries: An International Register Study Based on Three Merged National Spine Registers. <i>Global Spine Journal</i> , 2019, 9, 850-858.	2.3	8
28	Bacteria: back pain, leg pain and Modic signa surgical multicentre comparative study. <i>European Spine Journal</i> , 2019, 28, 2981-2989.	2.2	27
29	Self-Image and Health-Related Quality of Life Three Decades After Fusion In Situ for High-Grade Isthmic Spondylolisthesis. <i>Spine Deformity</i> , 2019, 7, 293-297.	1.5	5
30	A multiethnic meta-analysis defined the association of rs12946942 with severe adolescent idiopathic scoliosis. <i>Journal of Human Genetics</i> , 2019, 64, 493-498.	2.3	11
31	Long-term outcome of fusion for degenerative disc disease in the lumbar spine. <i>Bone and Joint Journal</i> , 2019, 101-B, 1526-1533.	4.4	17
32	Lumbar disc herniation surgery in adolescents and young adults. <i>Bone and Joint Journal</i> , 2019, 101-B, 1534-1541.	4.4	16
33	Quality of Life in Males and Females With Idiopathic Scoliosis. <i>Spine</i> , 2019, 44, 404-410.	2.0	14
34	Back Pain and Quality of Life After Surgical Treatment for Adolescent Idiopathic Scoliosis at 5-Year Follow-up. <i>Journal of Bone and Joint Surgery - Series A</i> , 2019, 101, 1460-1466.	3.0	45
35	Effectiveness of surgery for sciatica with disc herniation is not substantially affected by differences in surgical incidences among three countries: results from the Danish, Swedish and Norwegian spine registries. <i>European Spine Journal</i> , 2019, 28, 2562-2571.	2.2	21
36	Inter- and intra-rater reliability of vertebral fracture classifications in the Swedish fracture register. <i>World Journal of Orthopedics</i> , 2019, 10, 14-22.	1.8	8

#	ARTICLE	IF	CITATIONS
37	CORR Insights®: Curve Progression in Adolescent Idiopathic Scoliosis Does Not Match Skeletal Growth. <i>Clinical Orthopaedics and Related Research</i> , 2018, 476, 437-438.	1.5	0
38	An international meta-analysis confirms the association of BNC2 with adolescent idiopathic scoliosis. <i>Scientific Reports</i> , 2018, 8, 4730.	3.3	20
39	Response rate does not affect patient-reported outcome after lumbar discectomy. <i>European Spine Journal</i> , 2018, 27, 1538-1546.	2.2	35
40	Rapidly increasing incidence in scoliosis surgery over 14 years in a nationwide sample. <i>European Spine Journal</i> , 2018, 27, 286-292.	2.2	36
41	Feasibility and Accuracy of Thoracolumbar Minimally Invasive Pedicle Screw Placement With Augmented Reality Navigation Technology. <i>Spine</i> , 2018, 43, 1018-1023.	2.0	101
42	Outcome of surgery for degenerative lumbar scoliosis: an observational study using the Swedish Spine register. <i>European Spine Journal</i> , 2018, 27, 622-629.	2.2	15
43	Genome-wide meta-analysis and replication studies in multiple ethnicities identify novel adolescent idiopathic scoliosis susceptibility loci. <i>Human Molecular Genetics</i> , 2018, 27, 3986-3998.	2.9	34
44	Health-Related Quality of Life in Adulthood in Untreated and Treated Individuals with Adolescent or Juvenile Idiopathic Scoliosis. <i>Journal of Bone and Joint Surgery - Series A</i> , 2018, 100, 811-817.	3.0	29
45	A multi-ethnic meta-analysis confirms the association of rs6570507 with adolescent idiopathic scoliosis. <i>Scientific Reports</i> , 2018, 8, 11575.	3.3	33
46	An observational study on surgically treated adult idiopathic scoliosis patients' quality of life outcomes at 1- and 2-year follow-ups and comparison to controls. <i>Scoliosis and Spinal Disorders</i> , 2017, 12, 11.	2.3	4
47	Adults With Idiopathic Scoliosis Diagnosed at Youth Experience Similar Physical Activity and Fracture Rate as Controls. <i>Spine</i> , 2017, 42, E404-E410.	2.0	14
48	Neck and back problems in adults with idiopathic scoliosis diagnosed in youth: an observational study of prevalence, change over a mean four year time period and comparison with a control group. <i>Scoliosis and Spinal Disorders</i> , 2017, 12, 20.	2.3	5
49	Population-based normative data for the Scoliosis Research Society 22r questionnaire in adolescents and adults, including a comparison with EQ-5D. <i>European Spine Journal</i> , 2017, 26, 1631-1637.	2.2	24
50	Longitudinal Assessment of PTH in Community-Dwelling Older Women's Elevations Are Not Associated With Mortality. <i>Journal of the Endocrine Society</i> , 2017, 1, 615-624.	0.2	7
51	Reliability and concurrent validity of postural asymmetry measurement in adolescent idiopathic scoliosis. <i>World Journal of Orthopedics</i> , 2017, 8, 68.	1.8	10
52	CELSR2 is a candidate susceptibility gene in idiopathic scoliosis. <i>PLoS ONE</i> , 2017, 12, e0189591.	2.5	17
53	Outcomes of Posterolateral Fusion with and without Instrumentation and of Interbody Fusion for Isthmic Spondylolisthesis. <i>Journal of Bone and Joint Surgery - Series A</i> , 2017, 99, 743-752.	3.0	36
54	Association Between Hypovitaminosis D in Elderly Women and Long- and Short-Term Mortality Results from the Osteoporotic Prospective Risk Assessment Cohort. <i>Journal of the American Geriatrics Society</i> , 2016, 64, 990-997.	2.6	10

#	ARTICLE	IF	CITATIONS
55	Predictive outcome factors in the young patient treated with lumbar disc herniation surgery. <i>Journal of Neurosurgery: Spine</i> , 2016, 25, 448-455.	1.7	18
56	Whole-Exome Sequencing Suggests <i>LAMB3</i> as a Susceptibility Gene for Morbid Obesity. <i>Diabetes</i> , 2016, 65, 2980-2989.	0.6	16
57	Exome sequencing in pooled DNA samples to identify maternal pre-eclampsia risk variants. <i>Scientific Reports</i> , 2016, 6, 29085.	3.3	19
58	Investigation of rare and low-frequency variants using high-throughput sequencing with pooled DNA samples. <i>Scientific Reports</i> , 2016, 6, 33256.	3.3	13
59	Adolescents with and without idiopathic scoliosis have similar self-reported level of physical activity: a cross-sectional study. <i>Scoliosis and Spinal Disorders</i> , 2016, 11, 17.	2.3	18
60	Reliability and validity of inexpensive and easily administered anthropometric clinical evaluation methods of postural asymmetry measurement in adolescent idiopathic scoliosis: a systematic review. <i>European Spine Journal</i> , 2016, 25, 450-466.	2.2	31
61	Similar result after non-elective and elective surgery for lumbar disc herniation: an observational study based on the SweSpine register. <i>European Spine Journal</i> , 2016, 25, 1460-1466.	2.2	7
62	Lumbar disc herniation surgery in children: outcome and gender differences. <i>European Spine Journal</i> , 2016, 25, 657-663.	2.2	23
63	Smoking, smoking cessation, and fracture risk in elderly women followed for 10 years. <i>Osteoporosis International</i> , 2016, 27, 249-255.	3.1	54
64	Quality of life outcomes in surgically treated adult scoliosis patients: a systematic review. <i>European Spine Journal</i> , 2015, 24, 1343-1355.	2.2	25
65	An observational study on the outcome after surgery for lumbar disc herniation in adolescents compared with adults based on the Swedish Spine Register. <i>Spine Journal</i> , 2015, 15, 1241-1247.	1.3	36
66	Candidate gene analysis and exome sequencing confirm <i>LBX1</i> as a susceptibility gene for idiopathic scoliosis. <i>Spine Journal</i> , 2015, 15, 2239-2246.	1.3	53
67	Exome sequencing followed by genotyping suggests <i>SYPL2</i> as a susceptibility gene for morbid obesity. <i>European Journal of Human Genetics</i> , 2015, 23, 1216-1222.	2.8	21
68	Variation in the <i>MC4R</i> Gene Is Associated with Bone Phenotypes in Elderly Swedish Women. <i>PLoS ONE</i> , 2014, 9, e88565.	2.5	12
69	Prevalence of Back Problems in 1069 Adults With Idiopathic Scoliosis and 158 Adults Without Scoliosis. <i>Spine</i> , 2014, 39, 886-892.	2.0	29
70	External validity of a population-based study on osteoporosis and fracture. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2014, 85, 433-437.	3.3	17
71	Erratum to "Osteoporosis and fragility fractures: Vertebral fractures" [Best Practice & Research Clinical Rheumatology 27 (2013) 743-755]. <i>Best Practice and Research in Clinical Rheumatology</i> , 2014, 28, 3.3 535.		1
72	Family history and its association to curve size and treatment in 1,463 patients with idiopathic scoliosis. <i>European Spine Journal</i> , 2013, 22, 2421-2426.	2.2	29

#	ARTICLE	IF	CITATIONS
73	Pre- and postoperative quality of life in patients treated for scoliosis. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2013, 84, 537-543.	3.3	35
74	Osteoporosis and fragility fractures: Vertebral fractures. <i>Best Practice and Research in Clinical Rheumatology</i> , 2013, 27, 743-755.	3.3	66
75	X-Stop Versus Decompressive Surgery for Lumbar Neurogenic Intermittent Claudication. <i>Spine</i> , 2013, 38, 1436-1442.	2.0	114
76	Heritability of scoliosis. <i>European Spine Journal</i> , 2012, 21, 1069-1074.	2.2	67
77	Bone turnover markers and prediction of fracture: A prospective follow-up study of 1040 elderly women for a mean of 9 years. <i>Journal of Bone and Mineral Research</i> , 2010, 25, 393-403.	2.8	123
78	Use of Bone Turnover Markers in Osteoporosis. <i>Clinical Reviews in Bone and Mineral Metabolism</i> , 2010, 8, 1-14.	0.8	13
79	Polymorphisms in the macrophage migration inhibitory factor gene and bone loss in postmenopausal women. <i>Bone</i> , 2010, 47, 424-429.	2.9	19
80	Variation in the bone morphogenetic protein-2 gene: effects on fat and lean body mass in young and elderly women. <i>European Journal of Endocrinology</i> , 2008, 158, 661-668.	3.7	4
81	Serial Assessment of Serum Bone Metabolism Markers Identifies Women with the Highest Rate of Bone Loss and Osteoporosis Risk. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2008, 93, 2622-2632.	3.6	55
82	146. Indirect Decompression (X-Stop) versus Conventional Decompressive Surgery for Lumbar Spinal Claudication – A Prospective Randomized Trial. <i>Spine Journal</i> , 2007, 7, 70S.	1.3	1
83	Effect of Fracture on Bone Turnover Markers: A Longitudinal Study Comparing Marker Levels Before and After Injury in 113 Elderly Women. <i>Journal of Bone and Mineral Research</i> , 2007, 22, 1155-1164.	2.8	143
84	Variation in the BMP2 Gene: Bone Mineral Density and Ultrasound in Young Adult and Elderly Women. <i>Calcified Tissue International</i> , 2007, 81, 254-262.	3.1	25
85	Accelerometer-measured daily physical activity among octogenarians: results and associations to other indices of physical performance and bone density. <i>European Journal of Applied Physiology</i> , 2007, 102, 173-180.	2.5	52
86	The Relation Between Previous Fractures and Physical Performance in Elderly Women. <i>Archives of Physical Medicine and Rehabilitation</i> , 2006, 87, 914-917.	0.9	17
87	Associations Between Homocysteine, Bone Turnover, BMD, Mortality, and Fracture Risk in Elderly Women. <i>Journal of Bone and Mineral Research</i> , 2006, 22, 127-134.	2.8	103
88	Urinary Osteocalcin as a Marker of Bone Metabolism. <i>Clinical Chemistry</i> , 2005, 51, 618-628.	3.2	73
89	Clinical history and biologic age predicted falls better than objective functional tests. <i>Journal of Clinical Epidemiology</i> , 2005, 58, 226-232.	5.0	73
90	Biochemical markers of bone turnover are influenced by recently sustained fracture. <i>Bone</i> , 2005, 36, 786-792.	2.9	53

#	ARTICLE	IF	CITATIONS
91	Just One Look, and Fractures and Death Can Be Predicted in Elderly Ambulatory Women. <i>Gerontology</i> , 2004, 50, 309-314.	2.8	11
92	Bone mineral density in old age: the influence of age at menarche and menopause. <i>Journal of Bone and Mineral Metabolism</i> , 2004, 22, 372-5.	2.7	52
93	Interleukin-6 promoter polymorphism is associated with bone quality assessed by calcaneus ultrasound and previous fractures in a cohort of 75-year-old women. <i>Osteoporosis International</i> , 2004, 15, 820-6.	3.1	33
94	Seasonal Variation in Bone Density in Postmenopausal Women. <i>Journal of Clinical Densitometry</i> , 2004, 7, 93-100.	1.2	11
95	Biochemical Markers of Bone Metabolism and Prediction of Fracture in Elderly Women. <i>Journal of Bone and Mineral Research</i> , 2003, 19, 386-393.	2.8	228
96	Identification of novel proteolytic forms of osteocalcin in human urine. <i>Biochemical and Biophysical Research Communications</i> , 2003, 306, 973-980.	2.1	25
97	Bone Mass Cannot Be Predicted by Estimations of Frailty in Elderly Ambulatory Women. <i>Gerontology</i> , 2003, 49, 168-172.	2.8	26
98	Ultrasound of the Phalanges Is Not Related to a Previous Fracture. <i>Journal of Clinical Densitometry</i> , 2002, 5, 159-166.	1.2	17
99	Hemicallotaxis for medial gonarthrosis: a short-term follow-up of 21 patients. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2002, 122, 134-138.	2.4	21