

Anneli Peolsson

List of Publications by Year in descending order

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97
papers

1,856
citations

257450

24
h-index

330143

37
g-index

100
all docs

100
docs citations

100
times ranked

1310
citing authors

#	ARTICLE	IF	CITATIONS
1	Predictive factors for long-term outcome of anterior cervical decompression and fusion: a multivariate data analysis. <i>European Spine Journal</i> , 2008, 17, 406-414.	2.2	96
2	The Effect of Neck-specific Exercise With, or Without a Behavioral Approach, on Pain, Disability, and Self-Efficacy in Chronic Whiplash-associated Disorders. <i>Clinical Journal of Pain</i> , 2015, 31, 294-303.	1.9	89
3	Predictive factors for the outcome of anterior cervical decompression and fusion. <i>European Spine Journal</i> , 2003, 12, 274-280.	2.2	87
4	Surgery Versus Nonsurgical Treatment of Cervical Radiculopathy. <i>Spine</i> , 2013, 38, 1715-1722.	2.0	66
5	Intra- and inter-tester reliability and reference values for isometric neck strength. <i>Physiotherapy Research International</i> , 2001, 6, 15-26.	1.5	61
6	Neck Muscle Endurance in Nonspecific Patients With Neck Pain and in Patients After Anterior Cervical Decompression and Fusion. <i>Journal of Manipulative and Physiological Therapeutics</i> , 2007, 30, 343-350.	0.9	58
7	Age- and Sex-Specific Reference Values of a Test of Neck Muscle Endurance. <i>Journal of Manipulative and Physiological Therapeutics</i> , 2007, 30, 171-177.	0.9	55
8	Long-term randomised comparison between a carbon fibre cage and the Cloward procedure in the cervical spine. <i>European Spine Journal</i> , 2007, 16, 173-178.	2.2	53
9	Physical Function Outcome in Cervical Radiculopathy Patients After Physiotherapy Alone Compared With Anterior Surgery Followed by Physiotherapy. <i>Spine</i> , 2013, 38, 300-307.	2.0	51
10	An Investigation of Fat Infiltration of the Multifidus Muscle in Patients With Severe Neck Symptoms Associated With Chronic Whiplash-Associated Disorder. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , 2016, 46, 886-893.	3.5	50
11	Balance, dizziness and proprioception in patients with chronic whiplash associated disorders complaining of dizziness: A prospective randomized study comparing three exercise programs. <i>Manual Therapy</i> , 2016, 22, 122-130.	1.6	48
12	Spatial variation and inconsistency between estimates of onset of muscle activation from EMG and ultrasound. <i>Scientific Reports</i> , 2017, 7, 42011.	3.3	46
13	One- and two-year follow-up of a randomized trial of neck-specific exercise with or without a behavioural approach compared with prescription of physical activity in chronic whiplash disorder. <i>Journal of Rehabilitation Medicine</i> , 2016, 48, 56-64.	1.1	40
14	A Comparison Between the Carbon Fiber Cage and the Cloward Procedure in Cervical Spine Surgery. <i>Spine</i> , 2011, 36, 919-925.	2.0	39
15	Using the cervical range of motion (CROM) device to assess head repositioning accuracy in individuals with cervical radiculopathy in comparison to neck- healthy individuals. <i>Manual Therapy</i> , 2013, 18, 403-409.	1.6	39
16	Investigation of clinically important benefit of anterior cervical decompression and fusion. <i>European Spine Journal</i> , 2007, 16, 507-514.	2.2	35
17	Effects of neck-specific exercise with or without a behavioural approach in addition to prescribed physical activity for individuals with chronic whiplash-associated disorders: a prospective randomised study. <i>BMC Musculoskeletal Disorders</i> , 2013, 14, 311.	1.9	35
18	Prediction of fusion and importance of radiological variables for the outcome of anterior cervical decompression and fusion. <i>European Spine Journal</i> , 2004, 13, 229-234.	2.2	33

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19	Disability after Anterior Decompression and Fusion for Cervical Disc Disease. <i>Advances in Physiotherapy</i> , 2002, 4, 111-124.	0.2	30
20	Individual factors associated with neck disability in patients with cervical radiculopathy scheduled for surgery: a study on physical impairments, psychosocial factors, and life style habits. <i>European Spine Journal</i> , 2014, 23, 599-605.	2.2	29
21	Structured postoperative physiotherapy in patients with cervical radiculopathy: 6-month outcomes of a randomized clinical trial. <i>Journal of Neurosurgery: Spine</i> , 2018, 28, 1-9.	1.7	29
22	Positive predictive factors and subgroup analysis of clinically relevant improvement after anterior cervical decompression and fusion for cervical disc disease: a 10- to 13-year follow-up of a prospective randomized study. <i>Journal of Neurosurgery: Spine</i> , 2013, 19, 403-411.	1.7	28
23	The effect of neck-specific exercise with or without a behavioral approach on psychological factors in chronic whiplash-associated disorders. <i>Medicine (United States)</i> , 2016, 95, e4430.	1.0	28
24	A 5- to 8-year randomized study on the treatment of cervical radiculopathy: anterior cervical decompression and fusion plus physiotherapy versus physiotherapy alone. <i>Journal of Neurosurgery: Spine</i> , 2017, 26, 19-27.	1.7	27
25	Factors Affecting the Outcome of Surgical Versus Nonsurgical Treatment of Cervical Radiculopathy. <i>Spine</i> , 2015, 40, 1553-1563.	2.0	24
26	The qualitative grading of muscle fat infiltration in whiplash using fat and water magnetic resonance imaging. <i>Spine Journal</i> , 2018, 18, 717-725.	1.3	24
27	The Effects of Neck-Specific Training Versus Prescribed Physical Activity on Pain and Disability in Patients With Cervical Radiculopathy: A Randomized Controlled Trial. <i>Archives of Physical Medicine and Rehabilitation</i> , 2018, 99, 2447-2456.	0.9	24
28	Does posture of the cervical spine influence dorsal neck muscle activity when lifting?. <i>Manual Therapy</i> , 2014, 19, 32-36.	1.6	22
29	Novel insights into the interplay between ventral neck muscles in individuals with whiplash-associated disorders. <i>Scientific Reports</i> , 2015, 5, 15289.	3.3	22
30	Can the results 6 months after anterior cervical decompression and fusion identify patients who will have remaining deficit at long-term?. <i>Disability and Rehabilitation</i> , 2006, 28, 117-124.	1.8	21
31	Ultrasound imaging with speckle tracking of cervical muscle deformation and deformation rate: Isometric contraction of patients after anterior cervical decompression and fusion for cervical disc disease and controls. <i>Manual Therapy</i> , 2012, 17, 519-525.	1.6	21
32	Cost-effectiveness of neck-specific exercise with or without a behavioral approach versus physical activity prescription in the treatment of chronic whiplash-associated disorders. <i>Medicine (United States)</i> , 2016, 95, e4430.	1.0	21
33	Outcome of physiotherapy after surgery for cervical disc disease: a prospective randomised multi-centre trial. <i>BMC Musculoskeletal Disorders</i> , 2014, 15, 34.	1.9	19
34	Proactive healthcare for frail elderly persons: study protocol for a prospective controlled primary care intervention in Sweden. <i>BMJ Open</i> , 2019, 9, e027847.	1.9	18
35	Investigating the Causal Mechanisms of Symptom Recovery in Chronic Whiplash-associated Disorders Using Bayesian Networks. <i>Clinical Journal of Pain</i> , 2019, 35, 647-655.	1.9	18
36	Short- and long-term effects of exercise on neck muscle function in cervical radiculopathy: A randomized clinical trial. <i>Journal of Rehabilitation Medicine</i> , 2016, 48, 696-704.	1.1	17

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37	Effects of Neck-Specific Exercises Compared to Waiting List for Individuals With Chronic Whiplash-Associated Disorders: A Prospective, Randomized Controlled Study. <i>Archives of Physical Medicine and Rehabilitation</i> , 2016, 97, 189-195.	0.9	17
38	A tissue velocity ultrasound imaging investigation of the dorsal neck muscles during resisted isometric extension. <i>Manual Therapy</i> , 2010, 15, 567-573.	1.6	16
39	Function in Patients With Cervical Radiculopathy or Chronic Whiplash-Associated Disorders Compared With Healthy Volunteers. <i>Journal of Manipulative and Physiological Therapeutics</i> , 2014, 37, 211-218.	0.9	16
40	Factors Associated With Work Ability in Patients Undergoing Surgery for Cervical Radiculopathy. <i>Spine</i> , 2015, 40, 1270-1276.	2.0	16
41	Changes in Dorsal Neck Muscle Function in Individuals with Chronic Whiplash-Associated Disorders: A Real-Time Ultrasound Case-Control Study. <i>Ultrasound in Medicine and Biology</i> , 2016, 42, 1090-1102.	1.5	15
42	Neck-Related Physical Function, Self-Efficacy, and Coping Strategies in Patients With Cervical Radiculopathy: A Randomized Clinical Trial of Postoperative Physiotherapy. <i>Journal of Manipulative and Physiological Therapeutics</i> , 2017, 40, 330-339.	0.9	15
43	Altered ventral neck muscle deformation for individuals with whiplash associated disorder compared to healthy controls – A case-control ultrasound study. <i>Manual Therapy</i> , 2015, 20, 319-327.	1.6	14
44	The effect of three exercise approaches on health-related quality of life, and factors associated with its improvement in chronic whiplash-associated disorders: analysis of a randomized controlled trial. <i>Quality of Life Research</i> , 2019, 28, 357-368.	3.1	13
45	Pain Characteristics and Quality of Life in Older People at High Risk of Future Hospitalization. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 958.	2.6	13
46	Preliminary evaluation of dorsal muscle activity during resisted cervical extension in patients with longstanding pain and disability following anterior cervical decompression and fusion surgery. <i>Physiotherapy</i> , 2015, 101, 69-74.	0.4	12
47	Neck-specific exercise improves impaired interactions between ventral neck muscles in chronic whiplash: A randomized controlled ultrasound study. <i>Scientific Reports</i> , 2018, 8, 9649.	3.3	12
48	Neck-specific exercise may reduce radiating pain and signs of neurological deficits in chronic whiplash - Analyses of a randomized clinical trial. <i>Scientific Reports</i> , 2018, 8, 12409.	3.3	12
49	Test position and reliability in measurements of dorsal neck muscle endurance. <i>Advances in Physiotherapy</i> , 2007, 9, 181-189.	0.2	11
50	Tissue motion pattern of ventral neck muscles investigated by tissue velocity ultrasonography imaging. <i>European Journal of Applied Physiology</i> , 2010, 109, 899-908.	2.5	11
51	Neck-specific training with a cognitive behavioural approach compared with prescribed physical activity in patients with cervical radiculopathy: a protocol of a prospective randomised clinical trial. <i>BMC Musculoskeletal Disorders</i> , 2014, 15, 274.	1.9	11
52	The effects of deep neck muscle-specific training versus general exercises on deep neck muscle thickness, pain and disability in patients with chronic non-specific neck pain: protocol for a randomized clinical trial (RCT). <i>BMC Musculoskeletal Disorders</i> , 2019, 20, 540.	1.9	11
53	Exercise, headache, and factors associated with headache in chronic whiplash. <i>Medicine (United Kingdom)</i> 2019; 98(11):e16811. doi:10.1093/med/98.11.e16811	1.0	11
54	Consolidated reference values for grip strength of adults 20 to 49 years: A descriptive meta-analysis. <i>Isokinetics and Exercise Science</i> , 2006, 14, 221-224.	0.4	10

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55	Factors associated with work ability in patients with chronic whiplash-associated disorder grade II-III: A cross-sectional analysis. <i>Journal of Rehabilitation Medicine</i> , 2015, 47, 546-551.	1.1	10
56	The pain drawing as an instrument for identifying cervical spine nerve involvement in chronic whiplash-associated disorders. <i>Journal of Pain Research</i> , 2016, 9, 397.	2.0	10
57	Satisfaction With the Outcome of Physical Therapistâ€œPrescribed Exercise in Chronic Whiplashâ€œAssociated Disorders: Secondary Analysis of a Randomized Clinical Trial. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , 2016, 46, 640-649.	3.5	10
58	Mechanical properties of the trapezius during scapular elevation in people with chronic whiplash associated disorders â€œ A case-control ultrasound speckle tracking analysis. <i>Manual Therapy</i> , 2016, 21, 177-182.	1.6	10
59	Clinical predictive modelling of post-surgical recovery in individuals with cervical radiculopathy: a machine learning approach. <i>Scientific Reports</i> , 2020, 10, 16782.	3.3	10
60	Neck-specific exercise for radiating pain and neurological deficits in chronic whiplash, a 1-year follow-up of a randomised clinical trial. <i>Scientific Reports</i> , 2020, 10, 6758.	3.3	10
61	Postoperative structured rehabilitation in patients undergoing surgery for cervical radiculopathy: a 2-year follow-up of a randomized controlled trial. <i>Journal of Neurosurgery: Spine</i> , 2019, 31, 60-69.	1.7	10
62	Dimensions Underlying Measures of Disability, Personal Factors, and Health Status in Cervical Radiculopathy. <i>Medicine (United States)</i> , 2015, 94, e999.	1.0	9
63	Factors associated with work ability following exercise interventions for people with chronic whiplash-associated disorders: Secondary analysis of a randomized controlled trial. <i>Journal of Rehabilitation Medicine</i> , 2018, 50, 828-836.	1.1	9
64	Probing the mechanisms underpinning recovery in postâ€œsurgical patients with cervical radiculopathy using Bayesian networks. <i>European Journal of Pain</i> , 2020, 24, 909-920.	2.8	9
65	Multivariate analysis of ultrasound-recorded dorsal strain sequences: Investigation of dynamic neck extensions in women with chronic whiplash associated disorders. <i>Scientific Reports</i> , 2016, 6, 30415.	3.3	8
66	Neck-specific exercises with internet-based support compared to neck-specific exercises at a physiotherapy clinic for chronic whiplash-associated disorders: study protocol of a randomized controlled multicentre trial. <i>BMC Musculoskeletal Disorders</i> , 2017, 18, 524.	1.9	8
67	Alterations in the Mechanical Response of Deep Dorsal Neck Muscles in Individuals Experiencing Whiplash-Associated Disorders Compared to Healthy Controls. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2018, 97, 75-82.	1.4	8
68	Therapeutic routine with respiratory exercises improves posture, muscle activity, and respiratory pattern of patients with neck pain: a randomized controlled trial. <i>Scientific Reports</i> , 2022, 12, 4149.	3.3	8
69	Longitudinal Changes in Ventral and Dorsal Neck Muscle Layers During Loading Against Gravity in Healthy Volunteers Using Speckle Tracking. <i>Journal of Manipulative and Physiological Therapeutics</i> , 2014, 37, 253-259.	0.9	7
70	The relation between local and distal muscle fat infiltration in chronic whiplash using magnetic resonance imaging. <i>PLoS ONE</i> , 2019, 14, e0226037.	2.5	7
71	Is there a difference in the pattern of muscle activity when performing neck exercises with a guild board versus a pulley?. <i>Journal of Rehabilitation Medicine</i> , 2013, 45, 900-905.	1.1	6
72	Ultrasound imaging of dorsal neck muscles with speckle tracking analyses â€œ the relationship between muscle deformation and force. <i>Scientific Reports</i> , 2019, 9, 13688.	3.3	6

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73	Balance problems and dizziness after neck surgery – associations with pain and health-related quality of life. <i>Physiotherapy Theory and Practice</i> , 2020, 36, 1145-1152.	1.3	6
74	Multifidus muscle size changes at different directions of head and neck movements in females with unilateral chronic non-specific neck pain and healthy subjects using ultrasonography. <i>Journal of Bodywork and Movement Therapies</i> , 2018, 22, 560-565.	1.2	5
75	The effect on precision and T1 bias comparing two flip angles when estimating muscle fat infiltration using fat-referenced chemical shift-encoded imaging. <i>NMR in Biomedicine</i> , 2021, 34, e4581.	2.8	5
76	Head repositioning accuracy is influenced by experimental neck pain in those most accurate but not when adding a cognitive task. <i>Scandinavian Journal of Pain</i> , 2019, 20, 191-203.	1.3	4
77	Mechanisms of recovery after neck-specific or general exercises in patients with cervical radiculopathy. <i>European Journal of Pain</i> , 2021, 25, 1162-1172.	2.8	4
78	Pathophysiology behind prolonged whiplash associated disorders: study protocol for an experimental study. <i>BMC Musculoskeletal Disorders</i> , 2019, 20, 51.	1.9	4
79	Does Pain Extent Predict Ongoing Pain and Disability in Patients with Chronic Whiplash-Associated Disorders?. <i>Journal of Clinical Medicine</i> , 2022, 11, 555.	2.4	4
80	Frail community-dwelling older persons' everyday lives and their experiences of rehabilitation – a qualitative study. <i>Scandinavian Journal of Occupational Therapy</i> , 2023, 30, 65-75.	1.7	4
81	Scapular Upward Rotator Morphologic Characteristics in Individuals With and Without Forward Head Posture: A Case-Control Study. <i>Journal of Ultrasound in Medicine</i> , 2019, 38, 337-345.	1.7	3
82	Physiotherapy after anterior cervical spine surgery for cervical disc disease: study protocol of a prospective randomised study to compare internet-based neck-specific exercise with prescribed physical activity. <i>BMJ Open</i> , 2019, 9, e027387.	1.9	3
83	Neck-Related Headache in Patients With Cervical Disc Disease After Surgery and Physiotherapy. <i>Spine</i> , 2020, 45, 952-959.	2.0	3
84	Work Ability After Anterior Cervical Decompression and Fusion Followed by a Structured Postoperative Rehabilitation: Secondary Outcomes of a Prospective Randomized Controlled Multi-Centre Trial with a 2-year Follow-up. <i>Journal of Occupational Rehabilitation</i> , 2021, , 1.	2.2	3
85	What Biopsychosocial Factors are Associated With Work Ability in Conservatively Managed Patients with Cervical Radiculopathy? A Cross-Sectional Analysis. <i>PM and R</i> , 2020, 12, 64-72.	1.6	2
86	Adoption of a research-based program for neck disorders implemented in primary care physiotherapy: a short- and long-term follow-up survey study. <i>Physiotherapy Theory and Practice</i> , 2021, 37, 89-98.	1.3	2
87	Larger pain extent is associated with greater pain intensity and disability but not with general health status or psychosocial features in patients with cervical radiculopathy. <i>Medicine (United States)</i> , 2021, 100, e23718.	1.0	2
88	Ultrasound Investigation of Dorsal Neck Muscle Deformation During a Neck Rotation Exercise. <i>Journal of Manipulative and Physiological Therapeutics</i> , 2020, 43, 864-873.	0.9	1
89	The Relationship of Ultrasound Measurements of Muscle Deformation With Torque and Electromyography During Isometric Contractions of the Cervical Extensor Muscles. <i>Journal of Manipulative and Physiological Therapeutics</i> , 2020, 43, 284-293.	0.9	1
90	Dizziness in older persons at high risk of future hospitalization: prevalence, differences between those with and without dizziness, and effect of a proactive primary care intervention. <i>BMC Geriatrics</i> , 2022, 22, 315.	2.7	1

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91	Neck-related function and its connection with disability in chronic whiplash-associated disorders: secondary analysis of a randomized controlled study. <i>European Journal of Physical and Rehabilitation Medicine</i> , 2021, 57, 607-619.	2.2	0
92	Title is missing!. , 2019, 14, e0226037.		0
93	Title is missing!. , 2019, 14, e0226037.		0
94	Title is missing!. , 2019, 14, e0226037.		0
95	Title is missing!. , 2019, 14, e0226037.		0
96	Title is missing!. , 2019, 14, e0226037.		0
97	Evaluation of implementation and effectiveness of neck-specific exercise for persistent disability and pain after whiplash injury: study protocol for a randomized controlled study using a hybrid 2 design. <i>BMC Musculoskeletal Disorders</i> , 2022, 23, .	1.9	0