Johan Hviid Andersen

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/7965548/publications.pdf

Version: 2024-02-01

141	6,520	71102	74163
papers	citations	41 h-index	75 g-index

145	145	145	5696
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Going ill to work â€“ What personal circumstances, attitudes and work-related factors are associated with sickness presenteeism?. Social Science and Medicine, 2008, 67, 956-964.	3.8	413
2	Risk factors for more severe regional musculoskeletal symptoms: A two-year prospective study of a general working population. Arthritis and Rheumatism, 2007, 56, 1355-1364.	6.7	384
3	Register-based follow-up of social benefits and other transfer payments: Accuracy and degree of completeness in a Danish interdepartmental administrative database compared with a population-based survey. Scandinavian Journal of Public Health, 2007, 35, 497-502.	2.3	357
4	Exercises versus arthroscopic decompression in patients with subacromial impingement: a randomised, controlled study in 90 cases with a one year follow up. Annals of the Rheumatic Diseases, 2005, 64, 760-764.	0.9	220
5	Risk factors in the onset of neck/shoulder pain in a prospective study of workers in industrial and service companies. Occupational and Environmental Medicine, 2003, 60, 649-654.	2.8	186
6	Computer Use and Carpal Tunnel Syndrome. JAMA - Journal of the American Medical Association, 2003, 289, 2963.	7.4	183
7	Physical, Psychosocial, and Individual Risk Factors for Neck/Shoulder Pain With Pressure Tenderness in the Muscles Among Workers Performing Monotonous, Repetitive Work. Spine, 2002, 27, 660-667.	2.0	171
8	Assessment of fatigue in chronic disease: a bibliographic study of fatigue measurement scales. Health and Quality of Life Outcomes, 2007, 5, 12.	2.4	162
9	Musculoskeletal disorders of the neck and shoulders in female sewing machine operators: prevalence, incidence, and prognosis. Occupational and Environmental Medicine, 2000, 57, 528-534.	2.8	160
10	Physical and psychosocial risk factors for lateral epicondylitis: a population based case-referent study. Occupational and Environmental Medicine, 2003, 60, 322-329.	2.8	146
11	Neck and shoulder symptoms and disorders among Danish computer workers. Scandinavian Journal of Work, Environment and Health, 2004, 30, 399-409.	3.4	135
12	Prognostic factors in lateral epicondylitis: a randomized trial with one-year follow-up in 266 new cases treated with minimal occupational intervention or the usual approach in general practice. British Journal of Rheumatology, 2003, 42, 1216-1225.	2.3	134
13	Cross-cultural adaptation and validation of the Danish consensus version of the 10-item Perceived Stress Scale. Scandinavian Journal of Work, Environment and Health, 2015, 41, 486-490.	3.4	127
14	Does computer use pose an occupational hazard for forearm pain; from the NUDATA study. Occupational and Environmental Medicine, 2003, 60, 14e-14.	2.8	121
15	Risk of shoulder tendinitis in relation to shoulder loads in monotonous repetitive work. American Journal of Industrial Medicine, 2002, 41, 11-18.	2.1	116
16	Elbow and wrist/hand symptoms among 6,943 computer operators: A 1-year follow-up study (the) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	2.1	108
17	Sick at work--a risk factor for long-term sickness absence at a later date?. Journal of Epidemiology and Community Health, 2009, 63, 397-402.	3.7	106
18	Job Strain and the Risk of Depression: Is Reporting Biased?. American Journal of Epidemiology, 2011, 173, 94-102.	3.4	105

#	Article	IF	Citations
19	Assessment of work postures and movements using a video-based observation method and direct technical measurements. Applied Ergonomics, 2001, 32, 517-524.	3.1	99
20	Exercises may be as efficient as subacromial decompression in patients with subacromial stage II impingement: 4â€“8â€yearsâ€™ followâ€up in a prospective, randomized study. Scandinavian Journal of Rheumatology, 2006, 35, 224-228.	1.1	97
21	Risk Factors for Neck and Upper Extremity Disorders among Computers Users and the Effect of Interventions: An Overview of Systematic Reviews. PLoS ONE, 2011, 6, e19691.	2.5	97
22	Musculoskeletal disorders of the neck and upper limb among sewing machine operators: A clinical investigation. American Journal of Industrial Medicine, 1993, 24, 689-700.	2.1	95
23	Shoulder impingement syndrome in relation to shoulder intensive work. Occupational and Environmental Medicine, 1999, 56, 494-498.	2.8	92
24	Identification of neck-shoulder disorders in a 1 year follow-up study. Validation of a questionnaire-based method. Pain, 2000, 86, 305-310.	4.2	78
25	Depression, the Val66Met polymorphism, age, and gender influence the serum BDNF level. Journal of Psychiatric Research, 2012, 46, 1118-1125.	3.1	77
26	Occurrence of carpal tunnel syndrome among slaughterhouse workers. Scandinavian Journal of Work, Environment and Health, 1998, 24, 285-292.	3.4	76
27	Computer mouse use predicts acute pain but not prolonged or chronic pain in the neck and shoulder. Occupational and Environmental Medicine, 2008, 65, 126-131.	2.8	69
28	Physical exposure assessment in monotonous repetitive work - the PRIM study. Scandinavian Journal of Work, Environment and Health, 2001, 27, 21-29.	3.4	69
29	Prognosis of shoulder tendonitis in repetitive work: a follow up study in a cohort of Danish industrial and service workers. Occupational and Environmental Medicine, 2003, 60, 8e-8.	2.8	62
30	Is supraspinatus pathology as defined by magnetic resonance imaging associated with clinical sign of shoulder impingement?. Journal of Shoulder and Elbow Surgery, 1999, 8, 565-568.	2.6	56
31	Prevalence of persistent neck and upper limb pain in a historical cohort of sewing machine operators. American Journal of Industrial Medicine, 1993, 24, 677-687.	2.1	54
32	Initial non-participation and loss to follow-up in a Danish youth cohort: implications for relative risk estimates. Journal of Epidemiology and Community Health, 2014, 68, 137-144.	3.7	53
33	Physical workload during manual and mechanical deboning of poultry. International Journal of Industrial Ergonomics, 2002, 29, 107-115.	2.6	50
34	Can negative life events and coping style help explain socioeconomic differences in perceived stress among adolescents? A cross-sectional study based on the West Jutland cohort study. BMC Public Health, 2013, 13, 532.	2.9	50
35	Work-unit measures of organisational justice and risk of depressionâ€”a 2-year cohort study. Occupational and Environmental Medicine, 2013, 70, 380-385.	2.8	50
36	Systematic literature review on the effects of occupational safety and health (OSH) interventions at the workplace. Scandinavian Journal of Work, Environment and Health, 2019, 45, 103-113.	3.4	49

#	Article	IF	Citations
37	Validity of questionnaire self-reports on computer, mouse and keyboard usage during a four-week period. Occupational and Environmental Medicine, 2007, 64, 541-547.	2.8	48
38	Physical and psychosocial work environment factors and their association with health outcomes in Danish ambulance personnel â€“ a cross-sectional study. BMC Public Health, 2012, 12, 534.	2.9	47
39	Risk factors for hand-wrist disorders in repetitive work. Occupational and Environmental Medicine, 2007, 64, 527-533.	2.8	46
40	Work-related stress is associated with impaired neuropsychological test performance: a clinical cross-sectional study. Stress, 2015, 18, 198-207.	1.8	45
41	Cumulative occupational shoulder exposures and surgery for subacromial impingement syndrome: a nationwide Danish cohort study. Occupational and Environmental Medicine, 2014, 71, 750-756.	2.8	44
42	Salivary cortisol and sleep problems among civil servants. Psychoneuroendocrinology, 2012, 37, 1086-1095.	2.7	43
43	Varicose veins in the lower extremities in relation to occupational mechanical exposures: a longitudinal study. Occupational and Environmental Medicine, 2015, 72, 330-337.	2.8	43
44	Computer work and self-reported variables on anthropometrics, computer usage, work ability, productivity, pain, and physical activity. BMC Musculoskeletal Disorders, 2013, 14, 226.	1.9	42
45	Risk factors for persistent elbow, forearm and hand pain among computer workers. Scandinavian Journal of Work, Environment and Health, 2005, 31, 122-131.	3.4	42
46	Differences in risk factors for voluntary early retirement and disability pension: a 15-year follow-up in a cohort of nursesâ€™ aides. BMJ Open, 2012, 2, e000991.	1.9	41
47	The role of poor sleep in the relation between workplace bullying/unwanted sexual attention and long-term sickness absence. International Archives of Occupational and Environmental Health, 2016, 89, 967-979.	2.3	39
48	A two-year follow-up study of salivary cortisol concentration and the risk of depression. Psychoneuroendocrinology, 2013, 38, 2042-2050.	2.7	38
49	An expert-based job exposure matrix for large scale epidemiologic studies of primary hip and knee osteoarthritis: The Lower Body JEM. BMC Musculoskeletal Disorders, 2014, 15, 204.	1.9	37
50	Risk of surgery for subacromial impingement syndrome in relation to neck-shoulder complaints and occupational biomechanical exposures: a longitudinal study. Scandinavian Journal of Work, Environment and Health, 2013, 39, 568-577.	3.4	37
51	Risk and prognosis of inguinal hernia in relation to occupational mechanical exposures - a systematic review of the epidemiologic evidence. Scandinavian Journal of Work, Environment and Health, 2013, 39, 5-26.	3.4	36
52	Are risk estimates biased in follow-up studies of psychosocial factors with low base-line participation?. BMC Public Health, 2011, 11, 539.	2.9	35
53	Upper arm elevation and repetitive shoulder movements: a general population job exposure matrix based on expert ratings and technical measurements. Occupational and Environmental Medicine, 2016, 73, 553-560.	2.8	33
54	Cross-cultural adaption and measurement properties of the Danish version of the Shoulder Pain and Disability Index. Clinical Rehabilitation, 2013, 27, 355-360.	2.2	32

#	Article	IF	Citations
55	Return to work after work-related stress: a randomized controlled trial of a work-focused cognitive behavioral intervention. Scandinavian Journal of Work, Environment and Health, 2017, 43, 436-446.	3.4	31
56	Association between plasma testosterone and work-related neck and shoulder disorders among female workers. Scandinavian Journal of Work, Environment and Health, 2000, 26, 292-298.	3.4	31
57	The association between leisure time physical activity in adolescence and poor mental health in early adulthood: a prospective cohort study. BMC Public Health, 2015, 16, 3.	2.9	30
58	Can we enhance the ability to return to work among workers with stress-related disorders?. BMC Public Health, 2009, 9, 372.	2.9	29
59	Personal predictors of educational attainment after compulsory school: Influence of measures of vulnerability, health, and school performance. Scandinavian Journal of Public Health, 2013, 41, 92-101.	2.3	29
60	Work-related threats and violence and post-traumatic symptoms in four high-risk occupations: short- and long-term symptoms. International Archives of Occupational and Environmental Health, 2019, 92, 195-208.	2.3	29
61	Understanding work related musculoskeletal pain: does repetitive work cause stress symptoms?. Occupational and Environmental Medicine, 2005, 62, 41-48.	2.8	28
62	Cognitive impairments in former patients with work-related stress complaints â€“ one year later. Stress, 2016, 19, 559-566.	1.8	28
63	The norepinephrine transporter gene is a candidate gene for panic disorder. Journal of Neural Transmission, 2011, 118, 969-976.	2.8	27
64	Perceived stress, disturbed sleep, and cognitive impairments in patients with work-related stress complaints: a longitudinal study. Stress, 2017, 20, 371-378.	1.8	27
65	Cohort Profile: DOC*X: a nationwide Danish occupational cohort with eXposure data â€“ an open research resource. International Journal of Epidemiology, 2019, 48, 1413-1413k.	1.9	27
66	Responsiveness and minimal important change for the quick-DASH in patients with shoulder disorders. Health and Quality of Life Outcomes, 2018, 16, 226.	2.4	26
67	Negative Life Events in Childhood as Risk Indicators of Labour Market Participation in Young Adulthood: A Prospective Birth Cohort Study. PLoS ONE, 2013, 8, e75860.	2.5	26
68	The CONSTANCES job exposure matrix based on self-reported exposure to physical risk factors: development and evaluation. Occupational and Environmental Medicine, 2019, 76, 398-406.	2.8	25
69	Changes in self-reported sleep and cognitive failures: a randomized controlled trial of a stress management intervention. Scandinavian Journal of Work, Environment and Health, 2014, 40, 569-581.	3.4	25
70	Predictors of Health Related Job Loss: A Two-Year Follow-up Study in a General Working Population. Journal of Occupational Rehabilitation, 2007, 17, 581-592.	2.2	22
71	Modern health worries and visits to the general practitioner in a general population sample: An 18 month follow-up study. Journal of Psychosomatic Research, 2012, 73, 264-267.	2.6	22
72	Effect of grip type, wrist motion, and resistance level on pressures within the carpal tunnel of normal wrists. Journal of Orthopaedic Research, 2014, 32, 524-530.	2.3	22

#	Article	IF	Citations
73	Surgery for subacromial impingement syndrome in relation to intensities of occupational mechanical exposures across 10-year exposure time windows. Occupational and Environmental Medicine, 2018, 75, 176-182.	2.8	22
74	Do negative childhood conditions increase the risk of somatic symptoms in adolescence? â€“ a prospective cohort study. BMC Public Health, 2019, 19, 828.	2.9	22
75	How does childhood socioeconomic position affect overweight and obesity in adolescence and early adulthood: a longitudinal study. BMC Obesity, 2018, 5, 34.	3.1	21
76	A two-year follow-up study of risk of depression according to work-unit measures of psychological demands and decision latitude. Scandinavian Journal of Work, Environment and Health, 2012, 38, 527-536.	3.4	21
77	Reduction of Pain-Related Disability in Working Populations. Spine, 2007, 32, 1949-1954.	2.0	20
78	Inguinal hernia repair among men in relation to occupational mechanical exposures and lifestyle factors: a longitudinal study. Occupational and Environmental Medicine, 2017, 74, 769-775.	2.8	20
79	Are depressive disorders caused by psychosocial stressors at work? A systematic review with metaanalysis. European Journal of Epidemiology, 2021, 36, 479-496.	5.7	20
80	Surgery for subacromial impingement syndrome in relation to occupational exposures, lifestyle factors and diabetes mellitus: a nationwide nested caseâ€“control study. Occupational and Environmental Medicine, 2017, 74, 728-736.	2.8	19
81	Incidence of work injuries amongst Danish adolescents and their association with work environment factors. American Journal of Industrial Medicine, 2011, 54, 143-152.	2.1	18
82	The significance of health anxiety and somatization in care-seeking for back and upper extremity pain. Family Practice, 2012, 29, 86-95.	1.9	18
83	Does a history of physical exposures at work affect hand-grip strength in midlife? A retrospective cohort study in Denmark. Scandinavian Journal of Work, Environment and Health, 2013, 39, 599-608.	3.4	17
84	The role of physical examinations in studies of musculoskeletal disorders of the elbow. Occupational and Environmental Medicine, 2007, 64, 776-781.	2.8	16
85	Effects of Psychosocial Work Factors on Lifestyle Changes. Journal of Occupational and Environmental Medicine, 2011, 53, 1364-1371.	1.7	16
86	Effect of Psychosocial Work Environment on Sickness Absence Among Patients Treated for Ischemic Heart Disease. Journal of Occupational Rehabilitation, 2015, 25, 776-782.	2.2	16
87	Cross-national comparison of two general population job exposure matrices for physical work exposures. Occupational and Environmental Medicine, 2019, 76, 567-572.	2.8	16
88	Depressive Symptoms Following Work-Related Violence and Threats and the Modifying Effect of Organizational Justice, Social Support, and Safety Perceptions. Journal of Interpersonal Violence, 2021, 36, 7110-7135.	2.0	16
89	Number of musculoskeletal pain sites leads to increased long-term healthcare contacts and healthcare related costs â€“ a Danish population-based cohort study. BMC Health Services Research, 2021, 21, 980.	2.2	16
90	Socioeconomic differences in school dropout among young adults: the role of social relations. BMC Public Health, 2015, 15, 1054.	2.9	15

#	Article	IF	Citations
91	Associations between repetitive work and endocrinological indicators of stress. Work and Stress, 2003, 17, 264-276.	4.5	14
92	Does physical exposure throughout working life influence chair-rise performance in midlife? A retrospective cohort study of associations between work and physical function in Denmark. BMJ Open, 2015, 5, e009873.	1.9	14
93	Trajectories of Musculoskeletal Healthcare Utilization of People with Chronic Musculoskeletal Pain â€“ A Population-Based Cohort Study. Clinical Epidemiology, 2021, Volume 13, 825-843.	3.0	14
94	Salivary cortisol and depression in public sector employees: Cross-sectional and short term follow-up findings. Psychoneuroendocrinology, 2014, 41, 63-74.	2.7	13
95	Widespread pain â€“ do pain intensity and care-seeking influence sickness absence? â€“ A population-based cohort study. BMC Musculoskeletal Disorders, 2016, 17, 197.	1.9	13
96	Work-focused cognitive behavioral intervention for psychological complaints in patients on sick leave due to work-related stress: Results from a randomized controlled trial. Journal of Negative Results in BioMedicine, 2017, 16, 13.	1.4	13
97	Is bullying in adolescence associated with the development of depressive symptoms in adulthood?: A longitudinal cohort study. BMC Psychology, 2020, 8, 122.	2.1	13
98	Subjective social status is an important determinant of perceived stress among adolescents: a cross-sectional study. BMC Public Health, 2020, 20, 396.	2.9	13
99	Do frequent exposures to threats and violence at work affect later workforce participation?. International Archives of Occupational and Environmental Health, 2018, 91, 457-465.	2.3	12
100	Neckâ€“Shoulder Pain and Work Status among Former Sewing Machine Operators: A 14-year Follow-up Study. Journal of Occupational Rehabilitation, 2018, 28, 80-88.	2.2	12
101	Bullied at school, bullied at work: a prospective study. BMC Psychology, 2015, 3, 35.	2.1	11
102	Impact of work, health and health beliefs on new episodes of pain-related and general absence-taking. Scandinavian Journal of Public Health, 2009, 37, 569-576.	2.3	10
103	Details on the association between heavy lifting and low back pain. Spine Journal, 2011, 11, 690-691.	1.3	10
104	Computer use and ulnar neuropathy: results from a case-referent study. Work, 2012, 41, 2434-2437.	1.1	10
105	Individual Factors and GP Approach as Predictors for the Outcome of Rehabilitation Among Long-Term Sick Listed Cases. Journal of Occupational Rehabilitation, 2005, 15, 227-235.	2.2	9
106	Does computer use affect the incidence of distal arm pain? A one-year prospective study using objective measures of computer use. International Archives of Occupational and Environmental Health, 2012, 85, 139-152.	2.3	9
107	JEMINI (Job Exposure Matrix InterNatIonal) Initiative. Journal of Occupational and Environmental Medicine, 2019, 61, e320-e321.	1.7	9
108	Somatic Complaints in Adolescence and Labour Market Participation in Young Adulthood. Scandinavian Journal of Public Health, 2019, 47, 301-309.	2.3	8

#	Article	IF	Citations
109	Exposureâ€“response relationships between cumulative occupational shoulder exposures and different diagnoses related to surgery for subacromial impingement syndrome. International Archives of Occupational and Environmental Health, 2020, 93, 375-380.	2.3	8
110	Cognitive impairments and recovery in patients with work-related stress complaints â€“ four years later. Stress, 2021, 24, 294-302.	1.8	8
111	The timing and duration of depressive symptoms from adolescence to young adulthood and young adultsâ€™ NEET status: the role of educational attainment. Social Psychiatry and Psychiatric Epidemiology, 2022, 57, 83-93.	3.1	8
112	Tingling/numbness in the hands of computer users: neurophysiological findings from the NUDATA study. International Archives of Occupational and Environmental Health, 2004, 77, 521-525.	2.3	7
113	Cohort profile: the Danish Future Occupation of Children and Adolescents cohort (the FOCA) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T(9, e022784.	1.9	7
114	Measurement properties of the musculoskeletal health questionnaire (MSK-HQ): a between country comparison. Health and Quality of Life Outcomes, 2020, 18, 200.	2.4	7
115	Lifetime Occupational Physical Activity and Musculoskeletal Aging in Middle-Aged Men and Women in Denmark: Retrospective Cohort Study Protocol and Methods. JMIR Research Protocols, 2012, 1, e7.	1.0	7
116	Psychosocial Working Environment and Risk of Adverse Cardiac Events in Patients Treated for Coronary Heart Disease. Journal of Occupational Rehabilitation, 2015, 25, 770-775.	2.2	6
117	The experience of demanding work environments in younger workers. Occupational Medicine, 2015, 65, 324-330.	1.4	6
118	Long-term prognosis for neck-shoulder pain and disorders: a 14-year follow-up study. Occupational and Environmental Medicine, 2018, 75, 90-97.	2.8	6
119	Letters. Spine, 2010, 35, E1011-E1012.	2.0	5
120	Analysis of job strain effects. Occupational and Environmental Medicine, 2011, 68, 786-786.	2.8	5
121	Socio-economic differences in use of prescribed and over-the-counter medicine for pain and psychological problems among Danish adolescentsâ€”a longitudinal study. European Journal of Pediatrics, 2014, 173, 1147-1155.	2.7	5
122	Letter to the Editor: Job strain and clinical depression. Psychological Medicine, 2018, 48, 347-348.	4.5	5
123	Do work-related factors affect care-seeking in general practice for back pain or upper extremity pain?. International Archives of Occupational and Environmental Health, 2013, 86, 799-808.	2.3	4
124	Re: Effortâ€“Reward Imbalance at Work and Incident Coronary Heart Disease. Epidemiology, 2018, 29, e35-e35.	2.7	4
125	How does psychosocial stress affect the relationship between socioeconomic disadvantage and overweight and obesity? Examining Hemmingssonâ€™s model with data from a Danish longitudinal study. BMC Public Health, 2019, 19, 1475.	2.9	4
126	Traditional and novel cardiometabolic risk markers across strata of body mass index in young adults. Obesity Science and Practice, 2021, 7, 727-737.	1.9	4

#	Article	IF	Citations
127	Subjective social status and cardiometabolic risk markers in young adults. Psychoneuroendocrinology, 2022, 137, 105666.	2.7	4
128	Occupational lifting, carrying, pushing, pulling loads and risk of surgery for subacromial impingement syndrome: a register-based cohort study. Occupational and Environmental Medicine, 2022, 79, 618-623.	2.8	4
129	Intervention trials on upper body pain among computer operators. Occupational and Environmental Medicine, 2006, 63, 297-298.	2.8	3
130	Does computer use pose a hazard for future long-term sickness absence?. Journal of Negative Results in BioMedicine, 2010, 9, 1.	1.4	3
131	Individual and work-unit measures of psychological demands and decision latitude and the use of antihypertensive medication. International Archives of Occupational and Environmental Health, 2015, 88, 311-319.	2.3	3
132	Re: Re: Effort-reward Imbalance at Work and Incident Coronary Heart Disease. Epidemiology, 2018, 29, e61-e62.	2.7	3
133	Influences of childhood family factors on depressive symptoms in adolescence and early adulthood: A Danish longitudinal study. Scandinavian Journal of Public Health, 2020, 48, 715-725.	2.3	3
134	Musculoskeletal health climate is associated with musculoskeletal pain and sickness absence among workers: a cross-sectional study. BMJ Open, 2022, 12, e056485.	1.9	3
135	Poor outcome in patients with spine-related leg or arm pain who are involved in compensation claims: a prospective study of patients in the secondary care sector: comment on the article by Rasmussen et al. Scandinavian Journal of Rheumatology, 2009, 38, 398-399.	1.1	2
136	How does engagement in society in adolescence affect educational attainment and employment in early adulthood: A prospective cohort study. PLoS ONE, 2021, 16, e0249312.	2.5	2
137	Does self-reported computer work add biologically relevant information beyond that of objectively recorded computer work?. Occupational and Environmental Medicine, 2012, 69, 606.1-606.	2.8	1
138	Psychological resources in adolescence and the association with labour market participation in early adulthood: a prospective cohort study. BMC Public Health, 2020, 20, 386.	2.9	1
139	Commentary. Scandinavian Journal of Work, Environment and Health, 2013, 39, 420.	3.4	1
140	The Value of Diagnostic Tests for Low Back Painâ€"Reply. JAMA - Journal of the American Medical Association, 2003, 290, 1853.	7.4	0
141	Symptoms are not disorders, and dissatisfaction is not ergonomics. Occupational Medicine, 2004, 54, 274-274.	1.4	0