

Ko Matsudaira

List of Publications by Year in descending order

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Version: 2024-02-01

105
papers

2,097
citations

279798

23
h-index

302126

39
g-index

110
all docs

110
docs citations

110
times ranked

2447
citing authors

#	ARTICLE	IF	CITATIONS
1	Patterns of multisite pain and associations with risk factors. <i>Pain</i> , 2013, 154, 1769-1777.	4.2	133
2	Prevalence of low back pain and factors associated with chronic disabling back pain in Japan. <i>European Spine Journal</i> , 2013, 22, 432-438.	2.2	124
3	Sagittal spino-pelvic alignment in adults: The Wakayama Spine Study. <i>PLoS ONE</i> , 2017, 12, e0178697.	2.5	89
4	Prevalence and correlates of regional pain and associated disability in Japanese workers. <i>Occupational and Environmental Medicine</i> , 2011, 68, 191-196.	2.8	86
5	The impact of depression among chronic low back pain patients in Japan. <i>BMC Musculoskeletal Disorders</i> , 2016, 17, 447.	1.9	82
6	Psychometric properties of the Japanese version of the Tampa Scale for Kinesiophobia (TSK-J) in patients with whiplash neck injury pain and/or low back pain. <i>Journal of Orthopaedic Science</i> , 2015, 20, 985-992.	1.1	80
7	Spinal stenosis in grade I degenerative lumbar spondylolisthesis: a comparative study of outcomes following laminoplasty and laminectomy with instrumented spinal fusion. <i>Journal of Orthopaedic Science</i> , 2005, 10, 270-276.	1.1	75
8	MRI-defined paraspinal muscle morphology in Japanese population: The Wakayama Spine Study. <i>PLoS ONE</i> , 2017, 12, e0187765.	2.5	65
9	The Efficacy of Prostaglandin E1 Derivative in Patients With Lumbar Spinal Stenosis. <i>Spine</i> , 2009, 34, 115-120.	2.0	63
10	The CUPID (Cultural and Psychosocial Influences on Disability) Study: Methods of Data Collection and Characteristics of Study Sample. <i>PLoS ONE</i> , 2012, 7, e39820.	2.5	58
11	Classification of neck/shoulder pain in epidemiological research. <i>Pain</i> , 2016, 157, 1028-1036.	4.2	44
12	Potential Risk Factors of Persistent Low Back Pain Developing from Mild Low Back Pain in Urban Japanese Workers. <i>PLoS ONE</i> , 2014, 9, e93924.	2.5	41
13	The associations between magnetic resonance imaging findings and low back pain: A 10-year longitudinal analysis. <i>PLoS ONE</i> , 2017, 12, e0188057.	2.5	40
14	Effects of an Artificial Intelligence-Assisted Health Program on Workers With Neck/Shoulder Pain/Stiffness and Low Back Pain: Randomized Controlled Trial. <i>JMIR MHealth and UHealth</i> , 2021, 9, e27535.	3.7	39
15	Development of a Japanese version of the Somatic Symptom Scale-8: Psychometric validity and internal consistency. <i>General Hospital Psychiatry</i> , 2017, 45, 7-11.	2.4	37
16	Influence of work-related psychosocial factors on the prevalence of chronic pain and quality of life in patients with chronic pain. <i>BMJ Open</i> , 2016, 6, e010356.	1.9	34
17	A comparative study of three conservative treatments in patients with lumbar spinal stenosis: lumbar spinal stenosis with acupuncture and physical therapy study (LAP study). <i>BMC Complementary and Alternative Medicine</i> , 2018, 18, 19.	3.7	33
18	The Economic Burden of Lost Productivity due to Presenteeism Caused by Health Conditions Among Workers in Japan. <i>Journal of Occupational and Environmental Medicine</i> , 2020, 62, 883-888.	1.7	32

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19	Psychometric Assessment of the Japanese Version of the Zurich Claudication Questionnaire (ZCQ): Reliability and Validity. PLoS ONE, 2016, 11, e0160183.	2.5	31
20	Disabling low back pain associated with night shift duration: sleep problems as a potentiator. American Journal of Industrial Medicine, 2015, 58, 1300-1310.	2.1	30
21	Assessment of psychosocial risk factors for the development of non-specific chronic disabling low back pain in Japanese workers—findings from the Japan Epidemiological Research of Occupation-related Back Pain (JOB) study. Industrial Health, 2015, 53, 368-377.	1.0	30
22	Pain Status and Its Association with Physical Activity, Psychological Stress, and Telework among Japanese Workers with Pain during the COVID-19 Pandemic. International Journal of Environmental Research and Public Health, 2021, 18, 5595.	2.6	30
23	Psychometric Properties of the Japanese Version of the StarT Back Tool in Patients with Low Back Pain. PLoS ONE, 2016, 11, e0152019.	2.5	30
24	Risk factors for incidental durotomy during posterior open spine surgery for degenerative diseases in adults: A multicenter observational study. PLoS ONE, 2017, 12, e0188038.	2.5	27
25	Association between somatic symptom burden and health-related quality of life in people with chronic low back pain. PLoS ONE, 2018, 13, e0193208.	2.5	26
26	Association between high fear-avoidance beliefs about physical activity and chronic disabling low back pain in nurses in Japan. BMC Musculoskeletal Disorders, 2019, 20, 572.	1.9	26
27	Obesity and low back pain: a retrospective cohort study of Japanese males. Journal of Physical Therapy Science, 2017, 29, 978-983.	0.6	24
28	Association between presenteeism and health-related quality of life among Japanese adults with chronic lower back pain: a retrospective observational study. BMJ Open, 2018, 8, e021160.	1.9	23
29	Effect of depression and anxiety on health-related quality of life outcomes and patient satisfaction after surgery for cervical compressive myelopathy. Journal of Neurosurgery: Spine, 2019, 31, 816-823.	1.7	22
30	Improvement of walking ability during postoperative rehabilitation with the hybrid assistive limb after total knee arthroplasty: A randomized controlled study. SAGE Open Medicine, 2017, 5, 205031211771288.	1.8	21
31	Association of low back load with low back pain during static standing. PLoS ONE, 2018, 13, e0208877.	2.5	21
32	Influence of incidental dural tears and their primary microendoscopic repairs on surgical outcomes in patients undergoing microendoscopic lumbar surgery. Spine Journal, 2019, 19, 1559-1565.	1.3	21
33	Factors related to the quality of life in patients with bone metastases. Clinical and Experimental Metastasis, 2019, 36, 441-448.	3.3	19
34	Associations between neck and shoulder discomfort (Katakori) and job demand, job control, and worksite support. Modern Rheumatology, 2013, 23, 1198-1204.	1.8	18
35	Epidemiological Differences Between Localized and Nonlocalized Low Back Pain. Spine, 2017, 42, 740-747.	2.0	18
36	Prognostic psychosocial factors for disabling low back pain in Japanese hospital workers. PLoS ONE, 2017, 12, e0177908.	2.5	18

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37	Psychosocial correlates of cortisol levels in fingernails among middle-aged workers. <i>Stress</i> , 2017, 20, 386-389.	1.8	17
38	The Association between the Cross-Sectional Area of the Dural Sac and Low Back Pain in a Large Population: The Wakayama Spine Study. <i>PLoS ONE</i> , 2016, 11, e0160002.	2.5	16
39	Can standing back extension exercise improve or prevent low back pain in Japanese care workers?. <i>Journal of Manual and Manipulative Therapy</i> , 2015, 23, 205-209.	1.2	15
40	The effect of the "One Stretch"™ exercise on the improvement of low back pain in Japanese nurses: A large-scale, randomized, controlled trial. <i>Modern Rheumatology</i> , 2019, 29, 861-866.	1.8	15
41	Predictive Factors for Subjective Improvement in Lumbar Spinal Stenosis Patients with Nonsurgical Treatment: A 3-Year Prospective Cohort Study. <i>PLoS ONE</i> , 2016, 11, e0148584.	2.5	14
42	Assessment of potential risk factors for new onset disabling low back pain in Japanese workers: findings from the CUPID (cultural and psychosocial influences on disability) study. <i>BMC Musculoskeletal Disorders</i> , 2017, 18, 334.	1.9	14
43	Kinetic and kinematic variables affecting trunk flexion during level walking in patients with lumbar spinal stenosis. <i>PLoS ONE</i> , 2018, 13, e0197228.	2.5	14
44	<p><p>Prevalence of Facet Effusion and Its Relationship with Lumbar Spondylolisthesis and Low Back Pain: The Wakayama Spine Study</p></p>. <i>Journal of Pain Research</i> , 2019, Volume 12, 3521-3528.	2.0	14
45	Evaluation of the Effect of Patient Education and Strengthening Exercise Therapy Using a Mobile Messaging App on Work Productivity in Japanese Patients With Chronic Low Back Pain: Open-Label, Randomized, Parallel-Group Trial. <i>JMIR MHealth and UHealth</i> , 2022, 10, e35867.	3.7	14
46	Fear-avoidance beliefs are independently associated with the prevalence of chronic pain in Japanese workers. <i>Journal of Anesthesia</i> , 2017, 31, 255-262.	1.7	13
47	The Japanese version of the STarT Back Tool predicts 6-month clinical outcomes of low back pain. <i>Journal of Orthopaedic Science</i> , 2017, 22, 224-229.	1.1	13
48	Association between objectively measured physical activity and body mass index with low back pain: a large-scale cross-sectional study of Japanese men. <i>BMC Public Health</i> , 2018, 18, 341.	2.9	13
49	Association of body mass index with chronic pain prevalence: a large population-based cross-sectional study in Japan. <i>Journal of Anesthesia</i> , 2018, 32, 360-367.	1.7	13
50	<p><p>Survey on chronic disabling low back pain among care workers at nursing care facilities: a multicenter collaborative cross-sectional study</p></p>. <i>Journal of Pain Research</i> , 2019, Volume 12, 1025-1032.	2.0	13
51	Factors associated with disabling low back pain among nursing personnel at a medical centre in Japan: a comparative cross-sectional survey. <i>BMJ Open</i> , 2019, 9, e032297.	1.9	13
52	Effects of brief self-exercise education on the management of chronic low back pain: A community-based, randomized, parallel-group pragmatic trial. <i>Modern Rheumatology</i> , 2021, 31, 890-898.	1.8	13
53	Risk Factors for Prolonged Treatment of Whiplash-Associated Disorders. <i>PLoS ONE</i> , 2015, 10, e0132191.	2.5	13
54	Descriptive Epidemiology of Somatising Tendency: Findings from the CUPID Study. <i>PLoS ONE</i> , 2016, 11, e0153748.	2.5	12

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55	Diagnosing Discogenic Low Back Pain Associated with Degenerative Disc Disease Using a Medical Interview. PLoS ONE, 2016, 11, e0166031.	2.5	11
56	Prognostic factors associated with the surgical indication for lumbar spinal stenosis patients less responsive to conservative treatments. Journal of Orthopaedic Science, 2017, 22, 411-414.	1.1	10
57	Development of the Japanese Core Outcome Measures Index (COMI): cross-cultural adaptation and psychometric validation. BMC Musculoskeletal Disorders, 2018, 19, 71.	1.9	10
58	Associations between neck and shoulder discomfort (Katakori) and job demand, job control, and worksite support. Modern Rheumatology, 2013, 23, 1198-204.	1.8	10
59	Efficacy of a trunk orthosis with joints providing resistive force on low back load during level walking in elderly persons. Clinical Interventions in Aging, 2016, Volume 11, 1589-1597.	2.9	9
60	A population approach to analyze the effectiveness of a back extension exercise "One Stretch" in patients with low back pain: A replication study. Journal of Orthopaedic Science, 2016, 21, 414-418.	1.1	9
61	Determinants of international variation in the prevalence of disabling wrist and hand pain. BMC Musculoskeletal Disorders, 2019, 20, 436.	1.9	9
62	Modified measurement of finger-floor distance-Self-assessment bending scale-. The Journal of Japanese Society of Lumbar Spine Disorders, 2008, 14, 164-169.	0.1	8
63	Efficacy of a trunk orthosis with joints providing resistive force on low-back load in elderly persons during static standing. Clinical Interventions in Aging, 2015, 10, 1413.	2.9	8
64	Effect of pelvic forward tilt on low back compressive and shear forces during a manual lifting task. Journal of Physical Therapy Science, 2016, 28, 802-806.	0.6	8
65	<p>>Presenteeism and Associated Factors Among Nursing Personnel with Low Back Pain: A Cross-Sectional Study</p><p>>. Journal of Pain Research, 2020, Volume 13, 2979-2986.	2.0	8
66	Identification of Risk Factors for New-Onset Sciatica in Japanese Workers. Spine, 2013, 38, E1691-E1700.	2.0	7
67	Estimated risk for chronic pain determined using the generic STarT Back 5-item screening tool. Journal of Pain Research, 2017, Volume 10, 461-467.	2.0	7
68	Effects of Low-Dose Therapist-Led Self-Exercise Education on the Management of Chronic Low Back Pain: Protocol for a Community-Based, Randomized, 6-Month Parallel-Group Study. Spine Surgery and Related Research, 2019, 3, 377-384.	0.7	7
69	Lifestyle factors associated with prevalent and exacerbated musculoskeletal pain after the Great East Japan Earthquake: a cross-sectional study from the Fukushima Health Management Survey. BMC Public Health, 2020, 20, 677.	2.9	7
70	Validity of the Japanese core outcome measures index (COMI)-neck for cervical spine surgery: a prospective cohort study. European Spine Journal, 2021, 30, 402-409.	2.2	7
71	Association Between Deep Posterior Cervical Paraspinal Muscle Morphology and Clinical Features in Patients With Cervical Ossification of the Posterior Longitudinal Ligament. Global Spine Journal, 2023, 13, 8-16.	2.3	7
72	Evaluation of the Minimum Clinically Important Differences of the Zurich Claudication Questionnaire in Patients With Lumbar Spinal Stenosis. Clinical Spine Surgery, 2020, 33, E499-E503.	1.3	7

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73	Modified fenestration with restorative spinoplasty for lumbar spinal stenosis. <i>Journal of Neurosurgery: Spine</i> , 2009, 10, 587-594.	1.7	6
74	Development of the Japanese Version of the Leeds Assessment of the Neuropathic Symptoms and Signs Pain Scale: Diagnostic Utility in a Clinical Setting. <i>Pain Practice</i> , 2017, 17, 800-807.	1.9	6
75	Epidemiology and psychological factors of whiplash associated disorders in Japanese population. <i>Journal of Physical Therapy Science</i> , 2017, 29, 1510-1513.	0.6	6
76	Sex-specific impact of early-life adversity on chronic pain: a large population-based study in Japan. <i>Journal of Pain Research</i> , 2017, Volume 10, 427-433.	2.0	6
77	Factors related to subjective satisfaction following microendoscopic foraminotomy for cervical radiculopathy. <i>BMC Musculoskeletal Disorders</i> , 2018, 19, 30.	1.9	6
78	Validity of the Japanese Core Outcome Measures Index (COMI)-Back for thoracic and lumbar spine surgery: a prospective cohort study. <i>European Spine Journal</i> , 2020, 29, 1435-1444.	2.2	6
79	Associations of sickness absence for pain in the low back, neck and shoulders with wider propensity to pain. <i>Occupational and Environmental Medicine</i> , 2020, 77, 301-308.	2.8	6
80	Biomechanical analysis of low back load when sneezing. <i>Gait and Posture</i> , 2014, 40, 670-675.	1.4	5
81	Validation study of a diagnostic scoring system for sacroiliac joint-related pain. <i>Journal of Pain Research</i> , 2018, Volume 11, 1659-1663.	2.0	5
82	Immediate synergistic effect of a trunk orthosis with joints providing resistive force and an ankle–foot orthosis on hemiplegic gait. <i>Clinical Interventions in Aging</i> , 2018, Volume 13, 211-220.	2.9	5
83	Patterns of change of multisite pain over 1–year of follow–up and related risk factors. <i>European Journal of Pain</i> , 2022, 26, 1499-1509.	2.8	5
84	The association between neck and shoulder discomfort“Katakori” and high somatizing tendency. <i>Modern Rheumatology</i> , 2020, 30, 191-196.	1.8	4
85	Characteristics of the spinopelvic parameters of patients with sacroiliac joint pain. <i>Scientific Reports</i> , 2021, 11, 5189.	3.3	4
86	Association of work performance and interoceptive awareness of “body trusting” in an occupational setting: a cross-sectional study. <i>BMJ Open</i> , 2021, 11, e044303.	1.9	4
87	Overweight and Hypertension in Relation to Chronic Musculoskeletal Pain Among Community-Dwelling Adults: The Circulatory Risk in Communities Study (CIRCS). <i>Journal of Epidemiology</i> , 2020, 31, 566-572.	2.4	4
88	Optimal measurement for "posterolateral protrusion" of the vertebral artery at the craniovertebral junction using computed tomography angiography. <i>Journal of Craniovertebral Junction and Spine</i> , 2014, 5, 151.	0.8	3
89	Potential use of 18F-FDG-PET/CT to visualize hypermetabolism associated with muscle pain in patients with adult spinal deformity: a case report. <i>Skeletal Radiology</i> , 2016, 45, 1577-1581.	2.0	3
90	Disability due to knee pain and somatising tendency in Japanese adults. <i>BMC Musculoskeletal Disorders</i> , 2018, 19, 23.	1.9	3

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91	Relationship Between Attention Bias and Psychological Index in Individuals With Chronic Low Back Pain: A Preliminary Event-Related Potential Study. <i>Frontiers in Human Neuroscience</i> , 2020, 14, 561726.	2.0	3
92	The effects of a two-minute original exercise program supported by the workplace unit on the workers'™ work engagement: the "Bipoji"™-exercise. <i>Journal of Physical Therapy Science</i> , 2020, 32, 410-413.	0.6	3
93	Assessment of risk factors for non-specific chronic disabling low back pain in Japanese workers'™ findings from the CUPID (Cultural and Psychosocial Influences on Disability) study. <i>Industrial Health</i> , 2019, 57, 503-510.	1.0	2
94	A cooperative support model for cancer therapy and employment balance: from focus-group interviews of health and business professionals. <i>Industrial Health</i> , 2019, 57, 40-51.	1.0	2
95	Relationship between lumbar lordosis and the ratio of the spinous process height to the anterior spinal column height. <i>Scientific Reports</i> , 2020, 10, 6718.	3.3	2
96	Potential pathological mechanisms of L3 degenerative spondylolisthesis in lumbar spinal stenosis patients: A case"control study. <i>Journal of Orthopaedic Science</i> , 2019, 24, 596-600.	1.1	1
97	A simple method for estimating the intervertebral disc compressive force based on the posture analysis of community-dwelling older adults. <i>Journal of Physical Therapy Science</i> , 2021, 33, 423-428.	0.6	1
98	Efficacy of tricyclic antidepressant for somatoform pain disorders with chronic lower back and leg pain. <i>The Journal of Japanese Society of Lumbar Spine Disorders</i> , 2004, 10, 155-162.	0.1	1
99	Negative effect of anger on chronic pain intensity is modified by multiple mood states other than anger: A large population-based cross-sectional study in Japan. <i>Modern Rheumatology</i> , 2022, 32, 650-657.	1.8	1
100	Stratified approach for low back pain. <i>Pain Research</i> , 2017, 32, 252-259.	0.1	0
101	Assessing joint destruction in the knees of patients with rheumatoid arthritis by using a semi-automated software for magnetic resonance imaging: therapeutic effect of methotrexate plus etanercept compared with methotrexate monotherapy. <i>Modern Rheumatology</i> , 2018, 28, 235-241.	1.8	0
102	Partial Resection of Spinous Process for the Elderly Patients with Thoraco-Lumbar Kyphosis: Technical Report. <i>Medicina (Lithuania)</i> , 2021, 57, 87.	2.0	0
103	2E3-4. <i>Ningen Kogaku = the Japanese Journal of Ergonomics</i> , 2015, 51, S290-S291.	0.1	0
104	Treatment Strategy to Spinal Canal Stenosis. <i>Zen Nihon Shinkyu Gakkai Zasshi (Journal of the Japan)</i> Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.1	0
105	Changing concepts in approaches to occupational low back pain. <i>Industrial Health</i> , 2022, , .	1.0	0