

# Hiroyuki Oka

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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|--------------------|-------------------------|---------------|-----------------|
| 144<br>papers      | 2,249<br>citations      | 22<br>h-index | 43<br>g-index   |
| 156<br>ext. papers | 2,867<br>ext. citations | 3<br>avg, IF  | 4.62<br>L-index |

| #   | Paper   | IF   | Citations |
|-----|---|------|-----------|
| 144 | Vacuum phenomenon as a predictor of kyphosis after implant removal following posterior pedicle screw fixation without fusion for thoracolumbar burst fracture: a single-center retrospective study.. <i>BMC Musculoskeletal Disorders</i> , <b>2022</b> , 23, 94                              | 2.8  | 1         |
| 143 | The discrepancy between radiographically-assessed and self-recognized hallux valgus in a large population-based cohort.. <i>BMC Musculoskeletal Disorders</i> , <b>2022</b> , 23, 31  | 2.8  | 0         |
| 142 | Endplate Deficits and Posterior Wall Injury Are Predictive of Prolonged Back Pain after Osteoporotic Vertebral Body Fracture.. <i>Spine Surgery and Related Research</i> , <b>2022</b> , 6, 145-150   | 1.7  | 0         |
| 141 | A Prospective, 3-year Longitudinal Study of Modic Changes of the Lumbar Spine in a Population-based Cohort: The Wakayama Spine Study.. <i>Spine</i> , <b>2022</b> , 47, 490-497   | 3.3  | 2         |
| 140 | Effect of Antimicrobial Prophylaxis Duration on Health Care-Associated Infections After Clean Orthopedic Surgery: A Cluster Randomized Trial.. <i>JAMA Network Open</i> , <b>2022</b> , 5, e226095  | 10.4 | 1         |
| 139 | Epidemiology of locomotive syndrome using updated clinical decision limits: 6-year follow-ups of the ROAD study.. <i>Journal of Bone and Mineral Metabolism</i> , <b>2022</b> , 1   | 2.9  | 0         |
| 138 | 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> , <b>2022</b> , 10, e35867 | 5.5  | 0         |
| 137 | Detailed Subphenotyping of Lumbar Modic Changes and Their Association with Low Back Pain in a Large Population-Based Study: The Wakayama Spine Study. <i>Pain and Therapy</i> , <b>2021</b> , 1   | 3.6  | 1         |
| 136 | New diagnostic support tool for lumbosacral foraminal stenosis using radiographs of the lumbar spine.. <i>Journal of Clinical Neuroscience</i> , <b>2021</b> , 96, 8-11   | 2.2  |           |
| 135 | Relationship of sagittal spinal alignment with low back pain and physical performance in the general population. <i>Scientific Reports</i> , <b>2021</b> , 11, 20604  | 4.9  | 1         |
| 134 | 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> , <b>2021</b> , 31, 890-898  | 3.3  | 4         |
| 133 | Prevalence and associated factors of pistol grip deformity in Japanese local residents. <i>Scientific Reports</i> , <b>2021</b> , 11, 6025  | 4.9  |           |
| 132 | Pain Status and Its Association with Physical Activity, Psychological Stress, and Telework among Japanese Workers with Pain during the COVID-19 Pandemic. <i>International Journal of Environmental Research and Public Health</i> , <b>2021</b> , 18,  | 4.6  | 7         |
| 131 | Dietary Intake of Vitamin E and Fats Associated with Sarcopenia in Community-Dwelling Older Japanese People: A Cross-Sectional Study from the Fifth Survey of the ROAD Study. <i>Nutrients</i> , <b>2021</b> , 13,  | 6.7  | 2         |
| 130 | Association between types of Modic changes in the lumbar region and low back pain in a large cohort: the Wakayama spine study. <i>European Spine Journal</i> , <b>2021</b> , 30, 1011-1017  | 2.7  | 11        |
| 129 | Validity of the Japanese core outcome measures index (COMI)-neck for cervical spine surgery: a prospective cohort study. <i>European Spine Journal</i> , <b>2021</b> , 30, 402-409  | 2.7  | 1         |
| 128 | Evaluations of daily teriparatide using finite-element analysis over 12 months in rheumatoid arthritis patients. <i>Journal of Bone and Mineral Metabolism</i> , <b>2021</b> , 39, 270-277  | 2.9  | 3         |

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| 127 | Association Between Deep Posterior Cervical Paraspinal Muscle Morphology and Clinical Features in Patients With Cervical Ossification of the Posterior Longitudinal Ligament. <i>Global Spine Journal</i> , <b>2021</b> , 2192568221989655 | 2.7  | 1  |
| 126 | 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> , <b>2021</b> , 33, 423-428                          | 1    | 0  |
| 125 | Characteristics of the spinopelvic parameters of patients with sacroiliac joint pain. <i>Scientific Reports</i> , <b>2021</b> , 11, 5189   | 4.9  | 0  |
| 124 | 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> , <b>2021</b> , 9, e27535                       | 5.5  | 4  |
| 123 | Adjacent segment disease on hip joint as a complication of spinal fusion surgery including sacroiliac joint fixation. <i>European Spine Journal</i> , <b>2021</b> , 30, 1314-1319  | 2.7  | 1  |
| 122 | Association Between Normothermia at the End of Surgery and Postoperative Complications Following Orthopedic Surgery. <i>Clinical Infectious Diseases</i> , <b>2020</b> , 70, 474-482   | 11.6 | 4  |
| 121 | Factors associated with health-related quality of life in patients with glioma: impact of symptoms and implications for rehabilitation. <i>Japanese Journal of Clinical Oncology</i> , <b>2020</b> , 50, 990-998                           | 2.8  | 2  |
| 120 | Tele-guidance for intensive physiotherapy in older patients with type 2 diabetes: a study protocol for randomized controlled trial. <i>The Journal of Physical Fitness and Sports Medicine</i> , <b>2020</b> , 9, 89-94                    | 0.5  |    |
| 119 | Could automated machine-learned MRI grading aid epidemiological studies of lumbar spinal stenosis? Validation within the Wakayama spine study. <i>BMC Musculoskeletal Disorders</i> , <b>2020</b> , 21, 158                                | 2.8  | 5  |
| 118 | Prevalence of cervical anterior and posterior spondylolisthesis and its association with degenerative cervical myelopathy in a general population. <i>Scientific Reports</i> , <b>2020</b> , 10, 10455                                     | 4.9  | 3  |
| 117 | Association between ossification of the longitudinal ligament of the cervical spine and arteriosclerosis in the carotid artery. <i>Scientific Reports</i> , <b>2020</b> , 10, 3369   | 4.9  | 1  |
| 116 | Relationship between lumbar lordosis and the ratio of the spinous process height to the anterior spinal column height. <i>Scientific Reports</i> , <b>2020</b> , 10, 6718  | 4.9  | 0  |
| 115 | Evaluation of the Minimum Clinically Important Differences of the Zurich Claudication Questionnaire in Patients With Lumbar Spinal Stenosis. <i>Clinical Spine Surgery</i> , <b>2020</b> , 33, E499-E503                                   | 1.8  | 0  |
| 114 | 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> , <b>2020</b> , 32, 410-413                       | 1    | 2  |
| 113 | Is Microendoscopic Discectomy Effective for Patients With Concomitant Lumbar Disc Herniation and Spondylolysis?. <i>Global Spine Journal</i> , <b>2020</b> , 10, 700-705   | 2.7  | 3  |
| 112 | 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> , <b>2020</b> , 29, 1435-1444  | 2.7  | 5  |
| 111 | Efficacy and safety of trabectedin for patients with unresectable and relapsed soft-tissue sarcoma in Japan: A Japanese Musculoskeletal Oncology Group study. <i>Cancer</i> , <b>2020</b> , 126, 1253-1263                                 | 6.4  | 12 |
| 110 | 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> , <b>2020</b> , 62, 883-888                                     | 2    | 8  |

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| 109 | Prediction of pathological fracture in patients with lower limb bone metastasis using computed tomography imaging. <i>Clinical and Experimental Metastasis</i> , <b>2020</b> , 37, 607-616   | 4.7 | 3  |
| 108 | Presenteeism and Associated Factors Among Nursing Personnel with Low Back Pain: A Cross-Sectional Study. <i>Journal of Pain Research</i> , <b>2020</b> , 13, 2979-2986   | 2.9 | 0  |
| 107 | The association between neck and shoulder discomfort-Katakori-and high somatizing tendency. <i>Modern Rheumatology</i> , <b>2020</b> , 30, 191-196   | 3.3 | 3  |
| 106 | Survey on chronic disabling low back pain among care workers at nursing care facilities: a multicenter collaborative cross-sectional study. <i>Journal of Pain Research</i> , <b>2019</b> , 12, 1025-1032  | 2.9 | 6  |
| 105 | Prevalence and co-existence of locomotive syndrome, sarcopenia, and frailty: the third survey of Research on Osteoarthritis/Osteoporosis Against Disability (ROAD) study. <i>Journal of Bone and Mineral Metabolism</i> , <b>2019</b> , 37, 1058-1066  | 2.9 | 35 |
| 104 | Influence of incidental dural tears and their primary microendoscopic repairs on surgical outcomes in patients undergoing microendoscopic lumbar surgery. <i>Spine Journal</i> , <b>2019</b> , 19, 1559-1565   | 4   | 10 |
| 103 | Predictive factors for complications after surgical treatment for schwannomas of the extremities. <i>BMC Musculoskeletal Disorders</i> , <b>2019</b> , 20, 166   | 2.8 | 7  |
| 102 | Isometric knee extension force in Japanese type 2 diabetic patients without apparent diabetic polyneuropathy: Data from the Multicenter Survey of the Isometric Lower Extremity Strength in Type 2 Diabetes study. <i>SAGE Open Medicine</i> , <b>2019</b> , 7, 2050312118823412                               | 2.4 | 9  |
| 101 | Physical performance decreases in the early stage of cervical myelopathy before the myelopathic signs appear: the Wakayama Spine Study. <i>European Spine Journal</i> , <b>2019</b> , 28, 1217-1224  | 2.7 | 3  |
| 100 | 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> , <b>2019</b> , 29, 861-866   | 3.3 | 8  |
| 99  | Relationship between X-ray findings of lumbar spondylosis and knee pain. <i>BMC Musculoskeletal Disorders</i> , <b>2019</b> , 20, 379  | 2.8 | 1  |
| 98  | Factors related to the quality of life in patients with bone metastases. <i>Clinical and Experimental Metastasis</i> , <b>2019</b> , 36, 441-448   | 4.7 | 8  |
| 97  | Non-inferior comparative study comparing one or two day antimicrobial prophylaxis after clean orthopaedic surgery (NOCOTA study): a study protocol for a cluster pseudo-randomized controlled trial comparing duration of antibiotic prophylaxis. <i>BMC Musculoskeletal Disorders</i> , <b>2019</b> , 20, 533 | 2.8 | 3  |
| 96  | Prevalence of Facet Effusion and Its Relationship with Lumbar Spondylolisthesis and Low Back Pain: The Wakayama Spine Study. <i>Journal of Pain Research</i> , <b>2019</b> , 12, 3521-3528   | 2.9 | 3  |
| 95  | 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> , <b>2019</b> , 9, e032297   | 3   | 6  |
| 94  | 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. <i>Spine Surgery and Related Research</i> , <b>2019</b> , 3, 377-384   | 1.7 | 3  |
| 93  | Association between high fear-avoidance beliefs about physical activity and chronic disabling low back pain in nurses in Japan. <i>BMC Musculoskeletal Disorders</i> , <b>2019</b> , 20, 572   | 2.8 | 8  |
| 92  | Prediction of the pathological fracture risk during stance and fall-loading configurations for metastases in the proximal femur, using a computed tomography-based finite element method. <i>Journal of Orthopaedic Science</i> , <b>2019</b> , 24, 1074-1080  | 1.6 | 3  |

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| 91 | Potential pathological mechanisms of L3 degenerative spondylolisthesis in lumbar spinal stenosis patients: A case-control study. <i>Journal of Orthopaedic Science</i> , <b>2019</b> , 24, 596-600  | 1.6 | 0  |
| 90 | Body composition as a predictor of toxicity after treatment with eribulin for advanced soft tissue sarcoma. <i>International Journal of Clinical Oncology</i> , <b>2019</b> , 24, 437-444   | 4.2 | 8  |
| 89 | A cooperative support model for cancer therapy and employment balance: from focus-group interviews of health and business professionals. <i>Industrial Health</i> , <b>2019</b> , 57, 40-51   | 2.5 | 1  |
| 88 | The utility of 25-question Geriatric Locomotive Function Scale for evaluating functional ability and disease activity in Japanese rheumatoid arthritis patients: A cross-sectional study using NinJa database. <i>Modern Rheumatology</i> , <b>2019</b> , 29, 328-334                               | 3.3 | 13 |
| 87 | Alteration of gait parameters in a mouse model of surgically induced knee osteoarthritis. <i>Journal of Orthopaedic Surgery</i> , <b>2018</b> , 26, 2309499018768017  | 1.4 | 5  |
| 86 | Does intrawound vancomycin powder reduce surgical site infection after posterior instrumented spinal surgery? A propensity score-matched analysis. <i>Spine Journal</i> , <b>2018</b> , 18, 2205-2212   | 4   | 28 |
| 85 | Development of the Japanese Core Outcome Measures Index (COMI): cross-cultural adaptation and psychometric validation. <i>BMC Musculoskeletal Disorders</i> , <b>2018</b> , 19, 71  | 2.8 | 6  |
| 84 | Association of body mass index with chronic pain prevalence: a large population-based cross-sectional study in Japan. <i>Journal of Anesthesia</i> , <b>2018</b> , 32, 360-367  | 2.2 | 8  |
| 83 | Serum levels of matrix metalloproteinase-3 and autoantibodies related to rheumatoid arthritis in the general Japanese population and their association with osteoporosis and osteoarthritis: the ROAD study. <i>Journal of Bone and Mineral Metabolism</i> , <b>2018</b> , 36, 246-253              | 2.9 | 4  |
| 82 | Neutrophil-to-lymphocyte ratio after pazopanib treatment predicts response in patients with advanced soft-tissue sarcoma. <i>International Journal of Clinical Oncology</i> , <b>2018</b> , 23, 368-374   | 4.2 | 15 |
| 81 | Factors associated with lumbar spinal stenosis in a large-scale, population-based cohort: The Wakayama Spine Study. <i>PLoS ONE</i> , <b>2018</b> , 13, e0200208  | 3.7 | 11 |
| 80 | Disability due to knee pain and somatising tendency in Japanese adults. <i>BMC Musculoskeletal Disorders</i> , <b>2018</b> , 19, 23   | 2.8 | 2  |
| 79 | Factors related to subjective satisfaction following microendoscopic foraminotomy for cervical radiculopathy. <i>BMC Musculoskeletal Disorders</i> , <b>2018</b> , 19, 30   | 2.8 | 3  |
| 78 | 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> , <b>2018</b> , 18, 19  | 4.7 | 20 |
| 77 | Association between somatic symptom burden and health-related quality of life in people with chronic low back pain. <i>PLoS ONE</i> , <b>2018</b> , 13, e0193208  | 3.7 | 18 |
| 76 | 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> , <b>2018</b> , 28, 235-241 | 3.3 |    |
| 75 | Association of low back load with low back pain during static standing. <i>PLoS ONE</i> , <b>2018</b> , 13, e0208877  | 3.7 | 9  |
| 74 | Risk factors for surgical site infection after lumbar laminectomy and/or discectomy for degenerative diseases in adults: A prospective multicenter surveillance study with registry of 4027 cases. <i>PLoS ONE</i> , <b>2018</b> , 13, e0205539   | 3.7 | 14 |

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| 73 | Validation study of a diagnostic scoring system for sacroiliac joint-related pain. <i>Journal of Pain Research</i> , <b>2018</b> , 11, 1659-1663   | 2.9 | 3  |
| 72 | Fear-avoidance beliefs are independently associated with the prevalence of chronic pain in Japanese workers. <i>Journal of Anesthesia</i> , <b>2017</b> , 31, 255-262  | 2.2 | 10 |
| 71 | Prognostic factors associated with the surgical indication for lumbar spinal stenosis patients less responsive to conservative treatments: An investigator-initiated observational cohort study. <i>Journal of Orthopaedic Science</i> , <b>2017</b> , 22, 411-414 | 1.6 | 4  |
| 70 | Three-dimensional fluoroscopic navigation-assisted surgery for tumors in patients with tumor-induced osteomalacia in the bones. <i>Computer Assisted Surgery</i> , <b>2017</b> , 22, 14-19   | 1.8 | 12 |
| 69 | Gait analysis of patients with knee osteoarthritis by using elevation angle: confirmation of the planar law and analysis of angular difference in the approximate plane. <i>Advanced Robotics</i> , <b>2017</b> , 31, 68-79  | 1.7 | 10 |
| 68 | Association of Lumbar Spondylolisthesis With Low Back Pain and Symptomatic Lumbar Spinal Stenosis in a Population-based Cohort: The Wakayama Spine Study. <i>Spine</i> , <b>2017</b> , 42, E666-E671   | 3.3 | 10 |
| 67 | The prevalence of tandem spinal stenosis and its characteristics in a population-based MRI study: The Wakayama Spine Study. <i>European Spine Journal</i> , <b>2017</b> , 26, 2529-2535  | 2.7 | 17 |
| 66 | The Japanese version of the STarT Back Tool predicts 6-month clinical outcomes of low back pain. <i>Journal of Orthopaedic Science</i> , <b>2017</b> , 22, 224-229   | 1.6 | 10 |
| 65 | Development of a Japanese version of the Somatic Symptom Scale-8: Psychometric validity and internal consistency. <i>General Hospital Psychiatry</i> , <b>2017</b> , 45, 7-11  | 5.6 | 22 |
| 64 | Epidemiology and psychological factors of whiplash associated disorders in Japanese population. <i>Journal of Physical Therapy Science</i> , <b>2017</b> , 29, 1510-1513   | 1   | 4  |
| 63 | Prognostic psychosocial factors for disabling low back pain in Japanese hospital workers. <i>PLoS ONE</i> , <b>2017</b> , 12, e0177908   | 3.7 | 13 |
| 62 | MRI-defined paraspinal muscle morphology in Japanese population: The Wakayama Spine Study. <i>PLoS ONE</i> , <b>2017</b> , 12, e0187765  | 3.7 | 39 |
| 61 | The associations between magnetic resonance imaging findings and low back pain: A 10-year longitudinal analysis. <i>PLoS ONE</i> , <b>2017</b> , 12, e0188057  | 3.7 | 24 |
| 60 | Sagittal spino-pelvic alignment in adults: The Wakayama Spine Study. <i>PLoS ONE</i> , <b>2017</b> , 12, e0178697  | 3.7 | 56 |
| 59 | Sex-specific impact of early-life adversity on chronic pain: a large population-based study in Japan. <i>Journal of Pain Research</i> , <b>2017</b> , 10, 427-433  | 2.9 | 5  |
| 58 | Estimated risk for chronic pain determined using the generic STarT Back 5-item screening tool. <i>Journal of Pain Research</i> , <b>2017</b> , 10, 461-467   | 2.9 | 5  |
| 57 | Improvement of walking ability during postoperative rehabilitation with the hybrid assistive limb after total knee arthroplasty: A randomized controlled study. <i>SAGE Open Medicine</i> , <b>2017</b> , 5, 2050312117711288                                      | 7.4 | 13 |
| 56 | Relationship between roentgenographic joint destruction in the hands and functional disorders among patients with rheumatoid arthritis. <i>Modern Rheumatology</i> , <b>2017</b> , 27, 828-832   | 3.3 | 1  |



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| 55 | Risk factors for incidental durotomy during posterior open spine surgery for degenerative diseases in adults: A multicenter observational study. <i>PLoS ONE</i> , <b>2017</b> , 12, e0188038  | 3.7 | 16 |
| 54 | Treatment Strategy to Spinal Canal Stenosis. <i>Zen Nihon Shinkyu Gakkai Zasshi (Journal of the Japan Society of Acupuncture and Moxibustion)</i> , <b>2017</b> , 67, 277-296  | 0   |    |
| 53 | The relationship between findings on magnetic resonance imaging and previous history of low back pain. <i>Journal of Pain Research</i> , <b>2017</b> , 10, 47-52   | 2.9 | 6  |
| 52 | The impact of joint disease on the Modified Health Assessment Questionnaire scores in rheumatoid arthritis patients: A cross-sectional study using the National Database of Rheumatic Diseases by iR-net in Japan. <i>Modern Rheumatology</i> , <b>2016</b> , 26, 529-33                     | 3.3 | 7  |
| 51 | Metabolic Syndrome Components Are Associated with Intervertebral Disc Degeneration: The Wakayama Spine Study. <i>PLoS ONE</i> , <b>2016</b> , 11, e0147565   | 3.7 | 25 |
| 50 | Psychometric Properties of the Japanese Version of the STarT Back Tool in Patients with Low Back Pain. <i>PLoS ONE</i> , <b>2016</b> , 11, e0152019  | 3.7 | 23 |
| 49 | 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> , <b>2016</b> , 11, e0160002  | 3.7 | 10 |
| 48 | Classification of High Intensity Zones of the Lumbar Spine and Their Association with Other Spinal MRI Phenotypes: The Wakayama Spine Study. <i>PLoS ONE</i> , <b>2016</b> , 11, e0160111  | 3.7 | 22 |
| 47 | Psychometric Assessment of the Japanese Version of the Zurich Claudication Questionnaire (ZCQ): Reliability and Validity. <i>PLoS ONE</i> , <b>2016</b> , 11, e0160183   | 3.7 | 21 |
| 46 | Efficacy of a trunk orthosis with joints providing resistive force on low back load during level walking in elderly persons. <i>Clinical Interventions in Aging</i> , <b>2016</b> , 11, 1589-1597  | 4   | 3  |
| 45 | Predictive Factors for Subjective Improvement in Lumbar Spinal Stenosis Patients with Nonsurgical Treatment: A 3-Year Prospective Cohort Study. <i>PLoS ONE</i> , <b>2016</b> , 11, e0148584   | 3.7 | 9  |
| 44 | Diagnosing Discogenic Low Back Pain Associated with Degenerative Disc Disease Using a Medical Interview. <i>PLoS ONE</i> , <b>2016</b> , 11, e0166031  | 3.7 | 8  |
| 43 | Effect of Preoperative Sagittal Balance on Cervical Laminoplasty Outcomes. <i>Spine</i> , <b>2016</b> , 41, E1265-E1270  | 3.3 | 25 |
| 42 | Locomotive syndrome is associated with body composition and cardiometabolic disorders in elderly Japanese women. <i>BMC Geriatrics</i> , <b>2016</b> , 16, 166   | 4.1 | 12 |
| 41 | A population approach to analyze the effectiveness of a back extension exercise "One Stretch" in patients with low back pain: A replication study. <i>Journal of Orthopaedic Science</i> , <b>2016</b> , 21, 414-418   | 1.6 | 4  |
| 40 | The effect of cartilage degeneration on ultrasound speed in human articular cartilage. <i>Modern Rheumatology</i> , <b>2016</b> , 26, 426-34   | 3.3 | 1  |
| 39 | Potential use of (18)F-FDG-PET/CT to visualize hypermetabolism associated with muscle pain in patients with adult spinal deformity: a case report. <i>Skeletal Radiology</i> , <b>2016</b> , 45, 1577-81   | 2.7 | 2  |
| 38 | Patient Satisfaction with Posterior Decompression Surgery for Cervical Ossification of the Posterior Longitudinal Ligament: Prognostic Radiographic Factors and Patient-Reported Outcomes for the Effectiveness of Surgical Treatment. <i>World Neurosurgery</i> , <b>2016</b> , 96, 272-279 | 2.1 | 17 |

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| 37 | The association of combination of disc degeneration, end plate signal change, and Schmorl node with low back pain in a large population study: the Wakayama Spine Study. <i>Spine Journal</i> , <b>2015</b> , 15, 622-8 <sup>4</sup> |     | 67  |
| 36 | Total hip arthroplasty after rotational acetabular osteotomy. <i>Journal of Arthroplasty</i> , <b>2015</b> , 30, 403-6   | 4.4 | 21  |
| 35 | 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> , <b>2015</b> , 20, 985-92       | 1.6 | 50  |
| 34 | Development of a support tool for the clinical diagnosis of symptomatic lumbar intra- and/or extra-foraminal stenosis. <i>Journal of Orthopaedic Science</i> , <b>2015</b> , 20, 811-7   | 1.6 | 3   |
| 33 | Association between new indices in the locomotive syndrome risk test and decline in mobility: third survey of the ROAD study. <i>Journal of Orthopaedic Science</i> , <b>2015</b> , 20, 896-905                                      | 1.6 | 110 |
| 32 | Quadriceps muscle strength, radiographic knee osteoarthritis and knee pain: the ROAD study. <i>BMC Musculoskeletal Disorders</i> , <b>2015</b> , 16, 305   | 2.8 | 55  |
| 31 | Urinary 8-iso-prostaglandin F2 <sub>is</sub> as a marker of metabolic risks in the general Japanese population: The ROAD study. <i>Obesity</i> , <b>2015</b> , 23, 1517-24   | 8   | 14  |
| 30 | Analysis of Human Motor Skill in Dart Throwing Motion at Different Distance. <i>SICE Journal of Control Measurement and System Integration</i> , <b>2015</b> , 8, 79-85  | 0.3 | 1   |
| 29 | Analysis of muscle synergy contribution on human standing-up motion using a neuro-musculoskeletal model <b>2015</b> ,  |     | 12  |
| 28 | Can standing back extension exercise improve or prevent low back pain in Japanese care workers?. <i>Journal of Manual and Manipulative Therapy</i> , <b>2015</b> , 23, 205-9   | 1.6 | 12  |
| 27 | Risk Factors for Prolonged Treatment of Whiplash-Associated Disorders. <i>PLoS ONE</i> , <b>2015</b> , 10, e0132191  | 3.7 | 12  |
| 26 | Analysis of Electromyography and Skin Conductance Response during Rubber Hand Illusion. <i>Transactions of the Society of Instrument and Control Engineers</i> , <b>2015</b> , 51, 440-447   | 0.1 |     |
| 25 | Measurement of just noticeable difference of hip joint for implementation of self-efficacy: in active and passive sensation and in different speed. <i>Advanced Robotics</i> , <b>2014</b> , 28, 505-511                             | 1.7 | 1   |
| 24 | 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> , <b>2014</b> , 5, 151-6     | 1   | 2   |
| 23 | The prevalence of cervical myelopathy among subjects with narrow cervical spinal canal in a population-based magnetic resonance imaging study: the Wakayama Spine Study. <i>Spine Journal</i> , <b>2014</b> , 14, 2811-7             | 4   | 34  |
| 22 | J0210304 Biomechanical analysis of knee joint by combining inverse dynamics and finite element analysis. <i>The Proceedings of Mechanical Engineering Congress Japan</i> , <b>2014</b> , 2014, _J0210304--_J0210304- <sup>O</sup>    |     |     |
| 21 | Analysis of Joint Correlation between Arm and Lower Body in Dart Throwing Motion <b>2013</b> ,   |     | 2   |
| 20 | Analysis of contribution of muscle synergies on sit-to-stand motion using musculoskeletal model <b>2013</b> ,  |     | 5   |



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| 19 | The mid-term efficacy of intra-articular hyaluronic acid injections on joint structure: a nested case control study. <i>Modern Rheumatology</i> , <b>2013</b> , 23, 722-728   | 3.3 | 2   |
| 18 | Muscle Synergy Analysis of Human Standing-Up Motion with Different Chair Heights and Different Motion Speeds <b>2013</b> ,  |     | 5   |
| 17 | The mid-term efficacy of intra-articular hyaluronic acid injections on joint structure: a nested case control study. <i>Modern Rheumatology</i> , <b>2013</b> , 23, 722-8   | 3.3 | 2   |
| 16 | Evaluation of wearable gyroscope and accelerometer sensor (PocketIMU2) during walking and sit-to-stand motions <b>2012</b> ,  |     | 6   |
| 15 | Prevalence of cervical cord compression and its association with physical performance in a population-based cohort in Japan: the Wakayama Spine Study. <i>Spine</i> , <b>2012</b> , 37, 1892-8  | 3.3 | 39  |
| 14 | J022022 Study on the Effects of Meniscal Variants on Mechanical Environment in Knee Cartilage during Daily Activities. <i>The Proceedings of Mechanical Engineering Congress Japan</i> , <b>2012</b> , 2012, _J022022-9- _J022022-5                   |     |     |
| 13 | Health-related quality of life in subjects with low back pain and knee pain in a population-based cohort study of Japanese men: the Research on Osteoarthritis Against Disability study. <i>Spine</i> , <b>2011</b> , 36, 1312-9                      | 3.3 | 38  |
| 12 | Biochemical markers of bone turnover as predictors of osteoporosis and osteoporotic fractures in men and women: 10-year follow-up of the Taiji cohort. <i>Modern Rheumatology</i> , <b>2011</b> , 21, 608-620   | 3.3 | 40  |
| 11 | Cohort profile: research on Osteoarthritis/Osteoporosis Against Disability study. <i>International Journal of Epidemiology</i> , <b>2010</b> , 39, 988-95   | 7.8 | 160 |
| 10 | Impact of knee and low back pain on health-related quality of life in Japanese women: the Research on Osteoarthritis Against Disability (ROAD). <i>Modern Rheumatology</i> , <b>2010</b> , 20, 444-451  | 3.3 | 31  |
| 9  | Normal and threshold values of radiographic parameters for knee osteoarthritis using a computer-assisted measuring system (KOACAD): the ROAD study. <i>Journal of Orthopaedic Science</i> , <b>2010</b> , 15, 781-9                                   | 1.6 | 22  |
| 8  | Health-related quality of life with vertebral fracture, lumbar spondylosis and knee osteoarthritis in Japanese men: the ROAD study. <i>Archives of Osteoporosis</i> , <b>2010</b> , 5, 91-99  | 2.9 | 4   |
| 7  | Impact of knee and low back pain on health-related quality of life in Japanese women: the Research on Osteoarthritis Against Disability (ROAD). <i>Modern Rheumatology</i> , <b>2010</b> , 20, 444-51   | 3.3 | 19  |
| 6  | Prevalence of knee osteoarthritis, lumbar spondylosis, and osteoporosis in Japanese men and women: the research on osteoarthritis/osteoporosis against disability study. <i>Journal of Bone and Mineral Metabolism</i> , <b>2009</b> , 27, 620-8      | 2.9 | 513 |
| 5  | Association of low dietary vitamin K intake with radiographic knee osteoarthritis in the Japanese elderly population: dietary survey in a population-based cohort of the ROAD study. <i>Journal of Orthopaedic Science</i> , <b>2009</b> , 14, 687-92 | 1.6 | 45  |
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| 2  | Cumulative incidence and changes in the prevalence of vertebral fractures in a rural Japanese community: a 10-year follow-up of the Miyama cohort. <i>Archives of Osteoporosis</i> , <b>2007</b> , 1, 43-49   | 2.9 | 18  |

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