

Prof. Dr. Achim Elfering
Department of Psychology
University of Bern
CH - 3012 Bern, Switzerland
<http://orcid.org/0000-0003-4274-0261>

Publications

in press

Aegerter, A. M., Deforth, M., Johnston, V., Sjøgaard, G., Volken, T., Luomajoki, H., Dratva, J., Dressel, H., Distler, O., **Elfering, A.**, & Melloh, M. No evidence for an effect of working from home on neck pain and neck disability among Swiss office workers: Short-term impact of COVID-19. *European Spine Journal*. doi: 10.1007/s00586-021-06829-w

Eggli, A., Pereira, D., & **Elfering, A.** Short-Term Effects of Social Stressors at Work on Rumination and Psychosomatic Health Complaints in Social Workers. *Industrial Health*.

Elfering, A., Kottwitz, M. U., & Semmer, N.K. Course of Fatigue from Monday to Friday: Background Social Stressors at Work correspond to more rapid discharge of the Battery. *Sleep and Vigilance*. doi: 10.1007/s41782-021-00127-7

Faes, Y. & **Elfering, A.** When unnecessary tasks lie heavy on the back: A diary study. *Workplace Health and Safety*. doi: 10.1177/2165079921994830.

Gerhardt, C., K. Semmer; N. K., Sauter, S., Walker, A., de Wijn, N., Kälin, W., Kottwitz, M. U., Kersten, B., Ulrich, B., & **Elfering, A.** How are social stressors at work related to well-being and health? A systematic review and meta-analysis. *BMC Public Health*.

Schneider, A., Krueger, E., Vollenwyder, B., Mühlethaler, C., Thurau, J., & **Elfering, A.** How to generate qualitative Customer Insights with Mobile Eye Tracking in train station environments - A field study from Switzerland. *Transportation Research Interdisciplinary Perspectives*.

2021

Aegerter, A. M., Deforth, M., Sjøgaard, G., Johnston, V., Volken, T., Luomajoki, H., Dratva, J., Dressel, H., Distler, O., Melloh, M., & **Elfering, A.** No evidence for a decrease in physical activity among Swiss office workers during COVID-19: a longitudinal study. *Frontiers in Psychology*, 12(190). doi:10.3389/fpsyg.2021.620307

Benz, T., Lehmann, S., **Elfering, A.**, Sandor, P. S., & Angst, F. (2021). Comprehensiveness and validity of a multidimensional assessment in patients with chronic low back pain: a prospective cohort study. *BMC musculoskeletal disorders*, 22(1), 291. doi:10.1186/s12891-021-04130-x

Galliker, S., Brunner, B., Nyffenegger, D., Semmer, N. K., & **Elfering, A.** (2021). Work demands, private demands, job satisfaction and health: A comparison between men and

women in leading position. *Zeitschrift für Arbeitswissenschaft*, 75, 29–45. doi: 10.1007/s41449-020-00203-0

Kottwitz, M. U., Otto, K., **Elfering, A.**, Vásquez, M. E. G., Braun, S., & Kälin, W. (2021). Why do Illegitimate Tasks Cause Pain? Qualitative Job Insecurity as an Underlying Mechanism. *Scandinavian Journal of Work and Organizational Psychology*, 6(1): 3, 1–12. DOI: <https://doi.org/10.16993/sjwop.125>

2020

Aegerter, A. M., Deforth, M., Johnston, V., Ernst, M., Volken, T., Luomajoki, H., Brunner, B., Sjøgaard, G., **Elfering, A.**, Melloh, M. on behalf of the, N. collaboration g. (2020). On-site multi-component intervention to improve productivity and reduce the economic and personal burden of neck pain in Swiss office-workers (NEXpro): protocol for a cluster-randomized controlled trial. *BMC musculoskeletal disorders*, 21(1), 391. doi:10.1186/s12891-020-03388-x

Elfering, A., Gerhardt, C., Pereira, D., Schenker, A., & Kottwitz, M. U. (2020). The Monday Effect Revisited: A Diary and Sleep Actigraphy Study. *Sleep and Vigilance*, 4(2), 167-176. doi:10.1007/s41782-020-00105-5

Elfering, A., Igic, I., Kritzer, R., & Semmer, N. K. (2020). Commuting as a work-related demand: Effects on work-to-family conflict, affective commitment, and intention to quit. *PsyCh Journal*, 9, 562-577. doi:10.1002/pchj.350

Faes, Y., Cébe, C., Szukics, A., Rolli, C., & **Elfering, A.** (2020). Muculoskeletal and cognitive effects of stochastic resonance whole body vibration. *Brazilian Journal of Health and Biomedical Sciences (BJHBS)*, 19(1), 20-30.

Galliker, S., Nicoletti, C., Etzer-Hofer, I., Brunner, B., Dratva, J., Feer, S., grosse Holtforth, M., Melloh, M. & **Elfering, A.** (2020). Quality of leadership and presenteeism in health sciences education: A test of a recovery-based process model with cognitive irritation and impaired sleep as mediators. *Psychology, Health, & Medicine*, 25(2), 239-251. doi: 10.1080/13548506.2019.1634823

Gerhardt, C., Kottwitz, M., Lüdin, T. J., Gabriel, D. & **Elfering, A.** (2020). Work and sleep quality in railway employees: An actigraphy study. *Ergonomics*, 63(1), 13-30. doi: 10.1080/00140139.2019.1677945

Keller, A. C., Meier, L. L., **Elfering, A.**, & Semmer, N. K. (2020). Please wait until I am done! Long-term effects of work interruptions on employee well-being. *Work & Stress*, 34(2), 148-167. doi: 10.1080/02678373.2019.1579266

Mannion, A. F., Mariaux, F., Teitmeir, R., Fekete, T. F., Haschtmann, D., Loibl, M., Jeszenszky, D., Kleinstück, F., Porchet, F., & **Elfering, A.** (2020). Development of the "Core Yellow Flags Index" (CYFI) as a brief instrument for the assessment of key psychological factors in patients undergoing spine surgery. *European Spine Journal*, 29, 1935–1952. doi:10.1007/s00586-020-06462-z

Mattle, S., Birrer, D., & **Elfering, A.** (2020). Feasibility of Hypnosis on Performance in Air Rifle Shooting Competition. *International Journal of Clinical and Experimental Hypnosis*, 68(4), 521-529. doi:10.1080/00207144.2020.1799655

Rolli Salathé, C., Kälin, W., Zilse, S., & **Elfering, A.** (2020). Baseline musculoskeletal pain and impaired sleep related to school pressure influence the development of musculoskeletal pain in N=107 adolescents in a five-year longitudinal study. *European Spine Journal*, 29, 540–548. doi: 10.1007/s00586-019-06211-x

2019

Benz, T., Lehmann, S. Brioschi, R., **Elfering, A.**, Aeschlimann, A., & Angst, F. (2019). Comparison of short- and mid-term outcomes of Italian- and German-speaking patients after an interdisciplinary pain management program. *Journal of Rehabilitation Medicine*, 51(2), 127–135, doi: 10.2340/16501977-2514

Elfering, A., Cronenberg, S., Grebner, S., Tamcan, O., & Muller, U. (2019). Measuring limitations in activities of daily living: a population-based validation of a short questionnaire. *International Journal of Occupational Safety and Ergonomics*. 25(1), 17-26. doi: 10.1080/10803548.2017.1388621

Gerhardt, C., Stocker, D., Looser, D., grosse Holtforth, M., & **Elfering, A.** (2019). Well-Being and Health-related Interventions in Small- and Medium-Sized Enterprises: A Meta-Analytic Review. *Zeitschrift für Arbeitswissenschaft*, 1-10. doi: 10.1007/s41449-019-00154-1

Kottwitz, M. U., Gerhardt, C., Schmied, S., & **Elfering, A.** (2019). Sleep, Work Stress and Headache in Printing Business: An Actigraphy Study. *Sleep and Vigilance*, 3(1), 9-15. doi:10.1007/s41782-019-0055-3

Kottwitz, M. U., Pfister, I. B., **Elfering, A.**, Schummer, S. E., Igetic, I., & Otto, K. (2019). SOS—Appreciation overboard! Illegitimacy and psychologists' job satisfaction. *Industrial Health*, 57(5), 637-652. doi:10.2486/indhealth.2018-0008

Ryffel, C. P., Muehlethaler, C. M., Huber, S. M., & **Elfering, A.** (2019). Eye tracking as a debriefing tool in upset prevention and recovery training (UPRT) for general aviation pilots. *Ergonomics*, 62(2), 319-329. doi:10.1080/00140139.2018.1501093

Semmer, N. K., Tschan, F., Jacobshagen, N., Beehr, T. A., **Elfering, A.**, Kälin, W., & Meier, L. L. (2019). Stress as Offense to Self: a Promising Approach Comes of Age. *Occupational Health Science*, 3(3), 205-238. doi:10.1007/s41542-019-00041-5

Stocker, D., Keller, A. C., Meier, L. L., **Elfering, A.**, Pfister, I. B., Jacobshagen, N., & Semmer, N. K. (2019). Appreciation by supervisors buffers the impact of work interruptions on well-being longitudinally. *International Journal of Stress Management*, 26(4), 331-343. <http://dx.doi.org/10.1037/str0000111>

2018

Baur, H., Grebner, S., Blasimann, A., Hirschmüller, A., Kubosch, E. J., & **Elfering, A.** (2018). Work–family conflict and neck and back pain in surgical nurses. *International Journal of Occupational Safety and Ergonomics*, 24(1), 35-40. doi: 10.1080/10803548.2016.1263414

Benz, T., Lehmann, S., Gantenbein, A. R., Sandor, P. S., Stewart, W. F., **Elfering, A.**, Aeschlimann, A., & Angst, F. (2018). Translation, cross-cultural adaptation and reliability of the German version of the migraine disability assessment (MIDAS) questionnaire. *Health and Quality of Life Outcomes*, 16, 42. doi: 10.1186/s12955-018-0871-5

- Elfering, A.**, Brunner, B., Igic, I., Keller, A. C., & Weber, L. (2018). Gesellschaftliche Bedeutung und Kosten von Stress. In R. Fuchs & M. Gerber (Eds.), *Handbuch Stressregulation und Sport* (pp. 123-141). Berlin, Heidelberg: Springer Berlin Heidelberg. doi: 10.1007/978-3-662-49411-0
- Elfering, A.**, Celik, Z., Häfliger, E., & Grebner, S. (2018). Lower back pain in nurses working in home care: linked to work–family conflict, emotional dissonance, and appreciation?, *Psychology, Health & Medicine*, 23(6), 733-740, doi: 10.1080/13548506.2017.1417614
- Elfering, A.**, Grebner, S., Ganster, D. C., Berset, M., Kottwitz, M. U., & Semmer, N. K. (2018). Cortisol on Sunday as indicator of recovery from work: Prediction by observer ratings of job demands and control. *Work & Stress*, 32(2), 168-188. doi: 10.1080/02678373.2017.1417337
- Elfering, A.**, Kottwitz, M. U., Häfliger, E., Celik, Z., & Grebner, S. (2018). Interruptions, Unreasonable Tasks, and Quality-Threatening Time Pressure in Home Care: Linked to Attention Deficits and Slips, Trips, and Falls. *Safety and Health at Work*, 9(4), 434-440. doi: <https://doi.org/10.1016/j.shaw.2018.02.001>
- Elfering, A.**, Kottwitz, M. U., Tamcan, O., Müller, U., & Mannion, A. F. (2018). Impaired sleep predicts onset of low back pain and burnout symptoms: Evidence from a three-wave study. *Psychology, Health & Medicine*, 23(10), 1196-1210. doi: 10.1080/13548506.2018.1479038v
- Faes, Y., Banz, N., Buscher, N., Blasimann, A., Eichelberger, P., Radlinger, L., & **Elfering, A.** (2018). Acute effects of partial-body vibration in sitting position. *World Journal of Orthopedics*, 9(9): 156-164. doi: 10.5312/wjo.v9.i9.156
- Faes, Y., Maguire, C., Notari, M., & **Elfering, A.** (2018). Stochastic Resonance Training Improves Balance and Musculoskeletal Well-Being in Office Workers: A Controlled Preventive Intervention Study. *Rehabilitation Research and Practice*, 2018, 9. doi: 10.1155/2018/5070536
- Galliker, S., Igic, I., **Elfering, A.**, Semmer, N. K., Brunner, B., Wieser, S., Ulshöfer, C. T., & Haerberli, P. Job-Stress-Index 2018 . Kennzahlen zum Stress bei Erwerbstätigen in der Schweiz Gesundheitsförderung Schweiz, Faktenblatt 34. https://gesundheitsfoerderung.ch/assets/public/documents/de/5-grundlagen/publikationen/bgm/faktenblaetter/Faktenblatt_034_GFCH_2018-10_-_Job-Stress-Index_2018.pdf
- Kottwitz, M. U., Gerhardt, C., Pereira, D., Iseli, L., & **Elfering, A.** (2018). Teacher's sleep quality: linked to social job characteristics? *Industrial Health*, 56, 53 – 61. doi: 10.2486/indhealth.2017-0073
- Kottwitz, M. U., Schade, V., Burger, C., Radlinger, L., & **Elfering, A.** (2018). Time pressure, time control, and sickness absenteeism in hospital employees: A longitudinal study on organisational absenteeism records. *Safety and Health at Work*, 9, 109-114. doi: 10.1016/j.shaw.2017.06.013
- Mannion, A. F., **Elfering, A.**, Bago, J., Pellise, F., Vila-Casademunt, A., Richner-Wunderlin, S., Domingo-Sàbat, M., Obeid, I., Acaroglu, E., Alanay, A., Pérez-Grueso, F., Baldus, C. R., Carreon, L. Y., Bridwell, K. H., Glassman, S. D., Kleinstück, F. S., & European Spine Study Group (ESSG) (2018). Factor analysis of the SRS22 outcome assessment instrument in patients with Adult Spinal Deformity. *European Spine Journal*, 27(3), 685–699. doi: 10.1007/s00586-017-5279-0

- Müller, P., Tschan, F., Keller, S., Seelandt, J., Beldi, G., **Elfering, A.**, . . . Semmer, N. K. (2018). Assessing perceptions of teamwork quality among perioperative team members. *AORN J*, *108*(3), 251-262. doi: 10.1002/aorn.12343
- Rolli Salathé, C. R., Melloh, M., Crawford, R., Scherrer, S., Boos, N., & **Elfering, A.** (2018). Treatment Efficacy, Clinical Utility, and Cost-Effectiveness of Multidisciplinary Biopsychosocial Rehabilitation Treatments for Persistent Low Back Pain: A Systematic Review. *Global Spine Journal*, *8*(8), 872-886. doi: 10.1177/2192568218765483
- Rolli-Salathé, C. R., Trippolini, M. A., Terribilini, L. C., Oliveri, M., & **Elfering, A.** (2018). Assessing Psycho-social Barriers to Rehabilitation in Injured Workers with Chronic Musculoskeletal Pain: Development and Item Properties of the Yellow Flag Questionnaire (YFQ). *Journal of Occupational Rehabilitation*, *28*(2), 365-376. doi: 10.1007/s10926-017-9728-8

2017

- Baeriswyl, S., Berset, M., **Elfering, A.**, & Krause, A. (2017). How workload and co-worker support influence emotional exhaustion: The mediating role of sickness presenteeism. *International Journal of Stress Management*, *24*(Suppl 1), 52-73. doi: 10.1037/str0000018
- Benz, T., Nüssle, A., Lehmann, S., Gantenbein, A. R., Sandor, P. S., **Elfering, A.**, Aeschlimann, A., & Angst, F. (2017). Health and quality of life in patients with Medication Overuse Headache (MOH) syndrome after standardized inpatient rehabilitation: a cross-sectional pilot study. *Medicine*, *96*(47), e8493. doi: 10.1097/MD.00000000000008493
- Elfering, A.**, Gerhardt, C., Grebner, S., & Müller, U. (2017). Exploring supervisor-related job resources as mediators between supervisor conflict and job attitudes in hospital employees. *Safety and Health at Work*, *8*(1), 19-28. doi: 10.1016/j.shaw.2016.06.003
- Elfering, A.**, Grebner, S., Leitner, M., Hirschmüller, A., Kubosch, E. J., & Baur, H. (2017). Quantitative work demands, emotional demands, and cognitive stress symptoms in surgery nurses. *Psychology, Health & Medicine*, *22*(5), 604-610. doi: 10.1080/13548506.2016.1200731
- Hächler, P., Pereira, D., & **Elfering, A.** (2017). Recovery experiences during vacation and their relation to job stressors and health. *Psychological Writings*, *10*(1), 13-30. doi: 10.5231/psy.writ.2017.1001
- Igic, I., Keller, A. C., **Elfering, A.**, Tschan, F., Kälin, W., & Semmer, N. K. (2017). Ten-year trajectories of stressors and resources at work: Cumulative and chronic effects on health and well-being. *Journal of Applied Psychology*, *102*(9):1317-1343. doi: 10.1037/apl0000225
- Igic, I., **Elfering, A.**, Semmer, N., Brunner, B., Wieser, S., Gehring, K., & Krause, K. (2017). *Job-Stress-Index 2014 bis 2016, Kennzahlen zu psychischer Gesundheit und Stress bei Erwerbstätigen in der Schweiz. Theoretische Grundlagen, Methodik und Ergebnisse für die Jahre 2014 bis 2016 in Quer- und Längsschnitt.* Gesundheitsförderung Schweiz Arbeitspapier 43, Bern und Lausanne.
- Keller, A. C., Igic, I., Meier, L. L., Semmer, N. K., Schaubroeck, J. M., Brunner, B., & **Elfering, A.** (2017). Testing job typologies and identifying at-risk subpopulations using factor mixture models. *Journal of Occupational Health Psychology*, *22*(4), 503-517. doi: 10.1037/ocp0000038

- Kottwitz, M. U., Rolli, C., Buser, C., & **Elfering, A.** (2017). Emotion work and musculoskeletal pain in supermarket cashiers: a test of a sleep-mediation model. *Scandinavian Journal of Work and Organizational Psychology*, 2(1), p.6. doi: 10.16993/sjwop.25
- Kottwitz, M. U., Schnyder, R., Berset, M., & **Elfering, A.** (2017). Thirst at work implies more than just inadequate facilities for breaks. *Applied Psychophysiology*, 42, 223–234. doi: 10.1007/s10484-017-9369-x
- Pereira, D., Iseli, L., & **Elfering, A.** (2017). Health improvement and recovery experiences during vacation of school teachers: The benefit from physical activity. *Occupational Health Sciences*, 1(1), 89-103. doi: 10.1007/s41542-017-0004-2
- Rolli Salathe, C., **Elfering, A.**, Tuschel, A., Ogon, M., Mayer, H. M., & Boos, N. (2017). Development and validation of the iDI: A short self-rating disability instrument for low back pain disorders. *Global Spine Journal*, 7(2), 123-132. doi: 10.1177/2192568217694006

2016

- Eatough, E. M., Meier, L. L., Igc, I., **Elfering, A.**, Spector, P. E., & Semmer, N. K. (2016). You want me to do what? Two daily diary studies of illegitimate tasks and employee well-being. *Journal of Organizational Behavior*, 37, 108–127. doi: 10.1002/job.2032
- Elfering, A.**, Burger, C., Schade, V., & Radlinger, L. (2016). Stochastic resonance whole body vibration training increases muscle relaxation but not cardiovascular activation: A randomized controlled trial. *World Journal of Orthopedics*, 7(11): 758-765. doi: 10.5312/wjo.v7.i11.758 <http://www.wjgnet.com/2218-5836/full/v7/i11/758.htm>
- Elfering, A.**, Igc, I., Keller, A., Meier, L. L., & Semmer, N. K. (2016). Work-privacy conflict and musculoskeletal pain: a population-based test of a stress-sleep-mediation model. *Health Psychology and Behavioral Medicine*, 4(1), 70-90. doi: 10.1080/21642850.2016.1168301
- Elfering, A.**, Keller, A., Meier, L. L., Kälin, W., Berset, M., Grebner, S., Tschan, F., Monnerat, F., & Semmer, N. K. (2016). Taking the chance: Core Self-Evaluations predict relative gain in job resources following turnover. *SpringerPlus*. 5:1702. doi 10.1186/s40064-016-3365-0 <http://rdcu.be/nsfO>
- Elfering, A.**, Odoni, M., & Meier, L. L. (2016). Today's work experience: Influence both on how I feel and how I think about my job? *Journal of Work and Organizational Psychology*, 32, 11-16. doi: 10.1016/j.rpto.2015.11.001
- Elfering, A.**, Pereira, D., Grebner, S., & Müller, U. (2016). Lack of detachment and impaired sleep connect perceived unfairness with health complaints: A population-based mediation test. *Applied Research in Quality of Life*, 11(4), 1207-1225. doi : 10.1007/s11482-015-9430-y
- Keller, A. C., Stalder, B. E., Igc, I., Semmer, N. K., & **Elfering, A.** (2016). Who gets the high quality jobs ten years after compulsory school? In K. Scharenberg, S. Hupka-Brunner, T. Meyer & M. M. Bergman (Eds.), *Youth transitions in Switzerland: Results from the TREE panel study, Volume II* (pp. 231-251). Zürich, Switzerland: Seismo.
- Knecht, C. P., Muehlethaler, C. M., & **Elfering, A.** NoTeS Training in Air Traffic Management: A new Training Design including Computer-based Simulation Methods. *Aviation Psychology and Applied Human Factors*, 6(2), 91–100. doi: 10.1027/2192-0923/a000103
- Pereira, D., Bucher, S., & **Elfering, A.** (2016). Daily lack of detachment and short-term effects of impaired sleep quality on next-day commuting near-accidents – an ambulatory diary study. *Ergonomics*, 59(8), 1121-1131. doi: 10.1080/00140139.2015.1115898

- Pereira, D., Gerhardt, C., Kottwitz, M. U., & **Elfering, A.** (2016). Occupational Sleep Medicine: Role of Social Stressors. In S. R. Pandi-Perumal, M. Narasimhan and M. Kramer. (Eds.) *Sleep and Psychosomatic Medicine* (2nd edition, pp. 57-84). Taylor & Francis (CRC Press), Basingstoke, UK. doi: 10.1201/b20221-6
- Pereira, D., Gross, S., & **Elfering, A.** (2016). Social stressors at work, sleep, and recovery. *Applied Psychophysiology and Biofeedback, 41*(1), 93-101. doi: 10.1007/s10484-015-9317-6
- Gerhardt, C., Keller, A. C., Grosse Holtforth, M., de Wijn, N., Schöni, C., & **Elfering, A.** (2016). *Health-Related Interventions at Work: A Systematic Review*. Review commissioned by Swiss State Secretariat for Economic Affairs (Staatssekretariat für Wirtschaft, SECO). <https://www.seco.admin.ch/seco/de/home/Arbeit/Arbeitsbedingungen/gesundheitschutz-am-arbeitsplatz/Psychosoziale-Risiken-am-Arbeitsplatz.html>

2015

- Cornwall, J., Melloh, M., Crawford, R., & **Elfering, A.** (2015). Accident Compensation Corporation claim status and benefit type is associated with low back pain outcomes. *New Zealand Medical Journal, 128* (1422), 75-77.
- Elfering, A.**, Grebner, S., & Ebener, C. (2015). Workflow interruptions, cognitive failure and near-accidents in health care. *Psychology, Health & Medicine, 20*(2), 139-147. doi: 10.1080/13548506.2014.913796
- Elfering, A.**, Mueller, U., Rolli Salathé, C., Tamcan, O., & Mannion, A.F. (2015). Pessimistic back beliefs and lack of exercise: A longitudinal risk study on shoulder, neck, and back pain. *Psychology, Health & Medicine, 20* (7), 767-780. doi: 10.1080/13548506.2015.1017824
- Igic, I. Keller, A., Luder, L., **Elfering, A.**, Semmer, N., Brunner, B., & Wieser, S. (2015). Job-Stress-Index 2015, Kennzahlen zu psychischer Gesundheit und Stress bei Erwerbstätigen in der Schweiz. Gesundheitsförderung Schweiz, Bern und Lausanne.
- Krings, R., Jacobshagen, N., **Elfering, A.**, & Semmer, N. K. (2015). Subtly offending feedback. *Journal of Applied Social Psychology, 45*, 191-202. doi: 10.1111/jasp.12287
- Melloh, M., Cornwall, J., Crawford, R. J., & **Elfering, A.** (2015). Does injury claim status and benefit status affect low back pain outcomes? *Australasian Medical Journal, 8*(8), 268-276. doi: 10.4066/AMJ.2015.2464
- Melloh, M., Elfering, A., Käser, A., Rolli Salathé, C., Barz, T., Röder, C., & Theis, J.-C. (2015). What is the best time point to identify patients at risk of developing persistent low back pain? *Journal of Back and Musculoskeletal Rehabilitation, 28*(2), 267-276. doi: 10.3233/BMR-140514
- Nützi, M., Koch, P., Baur, H., & **Elfering, A.** (2015). Work-privacy conflict, task interruptions, and influence at work predict musculoskeletal pain in operating room nurses *Safety and Health at Work, 6*, 329-337. doi: 10.1016/j.shaw.2015.07.011
- Pereira, D., Müller, P., & **Elfering, A.** (2015). Workflow interruptions, social stressors from supervisor(s) and attention failure in surgery personnel. *Industrial Health, 53*, 427-433. doi: 10.2486/indhealth.2013-0219
- Semmer, N., Jacobshagen, N., Meier, L., **Elfering, A.**, Beehr, T., Kaelin, W., & Tschann, F. (2015). Illegitimate tasks as a source of work stress. *Work & Stress, 29*(1), 32-56. doi: 10.1080/02678373.2014.1003996

Semmer, N. K., Jacobshagen, N., Meier, L. L., Kälin, W., Tschan, F., Keller, A., Igic, I., Krings, R., & **Elfering, A.** (2015). Stress als Angriff auf das Selbst. In A. Fischbach, J. Boltz, & P. Lichtenthaler (Hrsg.), *Stark trotz Stress! Gesundheit und Leistungsfähigkeit in der Polizei* (S. 19-43). Frankfurt: Verlag für Polizeiwissenschaft.

2014

Aghayev, E., **Elfering, A.**, Schizas, K., Mannion, A.F., & SWISSSpine Registry Group. (2014). Factor analysis of the North American Spine Society Outcome Assessment Instrument: a study based on a spine registry of patients treated with lumbar and cervical disc arthroplasty. *The Spine Journal*, *14*, 916-924. doi: 10.1016/j.spinee.2013.07.446.

Blasimann, A., Fleuti, U., Rufener, M., **Elfering, A.**, & Radlinger, L. (2014). Electromyographic activity of back muscles during stochastic whole body vibration. *Journal of Musculoskeletal and Neuronal Interactions*, *14*(3), 311-317.

Elfering, A., Grebner, S., Schwander, L., & Watteringer, M. (2014). Sports after busy work: Work related cognitive failure corresponds to risk bearing and athletic injury. *Psychological Writings*, *7*, 43-54. doi: 10.5231/psy.writ.2014.0102

Elfering, A., Käser, A., & Melloh, M. (2014). Relationship between depression and acute Low Back Pain at first medical consultation, three, and six weeks of primary care. *Psychology, Health, and Medicine*, *19*, 235–246. doi: 10.1080/13548506.2013.780131

Elfering, A., Nützi, M., Koch, P., & Baur, H. (2014). Workflow interruptions and failed action regulation in surgery personnel. *Safety and Health at Work*, *5*, 1-6. doi: 10.1016/j.shaw.2013.11.001.

Elfering, A., Rolli, C., Müller, U., Tamcan, Ö., & Mannion, A. F. (2014). Maladaptive back beliefs and low back pain in nurses: A longitudinal study. In Vincent Duffy & Nancy Lightner (Eds.), *Advances in Human Aspects of Healthcare* (pp. 315-323). USA: AHFE Conference.

Elfering, A., Schade, V., Stöcklin, L., Baur, S., Burger, C., & Radlinger, L. (2014). Stochastic resonance whole-body vibration improves postural control in health-care professionals: A worksite randomised controlled trial. *Workplace Health & Safety* (formerly AAOHN Journal), *64*, 187-196. doi: 10.3928/21650799-20140422-04

Elfering, A., Schade, V., Burger, C., Stöcklin, L., Baur, S., & Radlinger, L. (2014). Stochastic resonance training at work reduces musculoskeletal pain in nurses. In Vincent Duffy & Nancy Lightner (Eds.), *Advances in Human Aspects of Healthcare* (pp. 305-314). USA: AHFE Conference.

Igic, I., Keller, A., Brunner, B., Wieser, S., **Elfering, A.**, & Semmer, N. (2014). *Job-Stress-Index 2014. Erhebung von Kennzahlen zu psychischer Gesundheit und Stress bei Erwerbstätigen in der Schweiz*. Gesundheitsförderung Schweiz Arbeitspapier 26, Bern und Lausanne.

Kälin, W., Keller, A., Tschan, F., **Elfering, A.**, & Semmer, N. (2014). Work Experiences and Well-Being in the First Years of Professional Work in Switzerland: A Ten-Year Follow-Up Study. In A. C. Keller, R. Samuel, M. M. Bergman & N. K. Semmer (Eds.), *Psychological, Educational, and Sociological Perspectives on Success and Well-Being in Career Development* (pp. 151-170). Springer Netherlands. doi: 10.1007/978-94-017-8911-0

- Kottwitz, M. U., Grebner, S., Semmer, N. K., Tschan, F., & **Elfering, A.** (2014). Social stress at work and change in women's body weight. *Industrial Health, 52*, 163–171. doi: 10.2486/indhealth.2013-0155
- Kottwitz, M. U., Lachappelle, M., & **Elfering, A.** (2014). Time pressure, social work stressors and blood pressure in a team of seven it-workers during one week of intense work. *International Journal of Psychology: A Biopsychosocial Approach*(14), 51-70. doi: 10.7220/2345-024X.14.3
- Melloh, M., **Elfering, A.**, Stanton, T., Barz, T., Aghayev, E., Röder, C., & Theis, J.-C. (2014). Low back pain risk factors associated with persistence, recurrence, and delayed presentation. *Journal of Back and Musculoskeletal Rehabilitation, 27*, 281–289. doi: 10.3233/BMR-130445
- Pereira, D., & **Elfering, A.** (2014). Social Stressors at Work and sleep quality on Sunday night – the mediating role of psychological detachment. *Journal of Occupational Health Psychology, 19*, 85-95. doi: 10.1037/a0034928
- Pereira, D., & **Elfering, A.** (2014). Social stressors at work, sleep fragmentation and psychosomatic complaints – a longitudinal ambulatory field study. *Stress & Health, 29*, 240–252. doi: 10.1002/smi.2494
- Pereira, D., Semmer, N. K., & **Elfering, A.** (2014). Illegitimate tasks and sleep quality: An ambulatory study. *Stress and Health, 30*, 209–221. doi: 10.1002/smi.2599
- Semmer, N. K., **Elfering, A.**, Baillod, J., Berset, M., & Beehr, T. (2014). Push and pull motivations for quitting: A three-wave investigation of predictors and consequences of turnover. *Zeitschrift für Arbeits- und Organisationspsychologie, 58*(4), 173-185. doi: 10.1026/0932-4089/a000167
- 2013**
- Elfering, A.**, Arnold, S., Schade, V., Burger, C., & Radlinger, L. (2013). Stochastic resonance whole-body vibration, musculoskeletal symptoms and body balance: A worksite training study. *Safety and Health at Work, 4*, 149-155. doi:10.1016/j.shaw.2013.07.002
- Elfering, A.**, Grebner, S., & Boillat, C. (2013). Busy at work and absent-minded at home: Mental work load, cognitive failure and domestic falls. *Swiss Journal of Psychology, 72*, 219–228. doi : 10.1024/1421-0185/a000114
- Elfering, A.**, Grebner, S., & de Tribolet-Hardy, F. (2013). The long arm of time pressure at work: cognitive failure and nearby commuting accidents. *European Journal of Work and Organizational Psychology, 22*,737-749. doi: 10.1080/1359432X.2012.704155
- Elfering, A.**, Ruppen, V., & Grebner, S. (2013). Learning to drive: Learners self-reported cognitive failure level predicts driving instructors observation rating of driving performance. *International Journal of Occupational Safety and Ergonomics, 19*, 485-491.
- Elfering, A.**, Zahno, J., Taeymans, J., Blasimann, A., & Radlinger, L. (2013). Acute effects of stochastic resonance whole body vibration. *World Journal of Orthopedics, 4*, 291-298. doi: 10.5312/wjo.v4.i4.291
- Igic, I., Ryser, S., & **Elfering, A.** (2013). Does work stress make you shorter? An ambulatory field study of daily work stressors, job control, and spinal shrinkage. *Journal of Occupational Health Psychology, 18*, 469-480. doi: 10.1037/a0034256

- Kottwitz, M. U., Meier, L. L., Jacobshagen, N., Kälin, W., **Elfering, A.**, & Semmer, N. K. (2013). Illegitimate tasks associated with higher cortisol levels for men with poor subjective health - An intraindividual analysis. *Scandinavian Journal of Work, Environment and Health*, *39*, 310-318. doi:10.5271/sjweh.3334
- Mannion, A. F., Wieser, S., & **Elfering, A.** (2013). Association between beliefs and care-seeking behavior for low back pain. *Spine*. *38*,1016–1025. doi: 10.1097/BRS.0b013e31828473b5
- Melloh, M., **Elfering, A.**, Chapple, C. M., Käser, A., Rolli Salathé, C., Barz, T., Röder, C., & Theis, J.-C. (2013). Prognostic occupational factors for persistent low back pain in primary care. *International Archives of Occupational and Environmental Health*, *86*, 261-269. doi: 10.1007/s00420-012-0761-9
- Melloh, M., **Elfering, A.**, Käser, A., Rolli Salathé, C., Barz, T., Aghayev, E., Röder, C., & Theis, J.-C. (2013). Depression Impacts the Course of Recovery in Patients with Acute Low-Back Pain. *Behavioral Medicine*. *9:3*, 80-89, DOI: 10.1080/08964289.2013.779566
- Melloh, M., **Elfering, A.**, Stanton, T., Käser, A., Rolli Salathé, C., Barz, T., Röder, C., & Theis, J.-C. (2013). Who is likely to develop persistent low back pain? *WORK*; *46*, 297-311. doi: 10.3233/WOR-131672.
- Melloh, M., Rolli Salathé, C., **Elfering, A.**, Käser, A., Barz, T., Röder, C., & Theis, J.-C. (2013). Personal, psychosocial and occupational resources for preventing persistent low back pain in primary care. *International Journal of Occupational Safety and Ergonomics*, *19*, 29–40.
- Pereira, D., Meier, L. L. & **Elfering, A.** (2013). Short-term effects of social exclusion at work and worries on sleep. *Stress & Health*, *29*, 240–252. doi: 10.1002/smi.2461
- Rolli Salathé, C., & **Elfering, A.** (2013). A health- and resource-oriented perspective on nonspecific lower back pain in working individuals. *ISRN Pain*, *2013*, 1-19. doi: 10.1155/2013/640690
- Rolli Salathé, C., Kälin, W., Semmer, N. K., Roth, M., Müller, U., Melloh, M., **Elfering, A.** (2013). Comparison of a pain-resilient group of working individuals to population-based Case Controls with and without acute Low Back Pain. *European Pain Journal*, *17*, 1411–1421. doi:10.1002/j.1532-2149.2013.00319.x
- Semmer, N. K., Jacobshagen, N., Meier, L. L., **Elfering, A.**, Kälin, W., & Tschan, F. (2013). Psychische Beanspruchung durch illegitime Aufgaben [Psychological strain by illegitimate tasks]. In Bundesanstalt für Arbeitsschutz und Arbeitsmedizin, G. Junghanns, & M. Morschhäuser (Eds.), *Immer schneller, immer mehr: Psychische Belastung bei Wissens- und Dienstleistungsarbeit* (pp. 97-112). Wiesbaden, Germany: Springer. doi:10.1007/978-3-658-01445-2_5

2012

- Burger, C., Schade, V., Lindner, C., Radlinger, L., & **Elfering, A.** (2012). Stochastic resonance training reduces musculoskeletal symptoms in metal manufacturing workers: A controlled preventive intervention study. *WORK*, *42*, 269-78. doi: 10.3233/WOR-2012-1350
- Elfering, A.**, & Grebner, S. (2012). Getting used to academic public speaking: Global self-esteem predicts habituation in blood pressure response to repeated thesis presentations. *Applied Psychophysiology and Biofeedback*, *37*, 109-120. doi: 10.1007/s10484-012-9184-3

- Elfering, A.**, & Grebner, S. (2012). A new Faces Scale in pain measurement: A test of bias from current mood, trait affectivity and scale range. *Journal of Nursing Measurement*, *20*, 199-211. doi: 10.1891/1061-3749.20.3.199
- Elfering, A.**, Grebner, S., & Haller, M. (2012). Railway-controller-perceived mental work load, cognitive failure and risky commuting. *Ergonomics*, *55*, 12, 1463-1475 doi: 10.1080/00140139.2012.718802
- Elfering, A.**, Grebner, S., & Wehr, S. (2012). Loss of feedback information given during oral presentations. *Psychology Learning & Teaching Journal*, *11*(1), 66-76. doi: 10.2304/plat.2012.11.1.66
- Melloh, M., **Elfering, A.**, Rolli Salathé, C., Käser, A., Barz, T., Röder, C., & Theis, J.-C. (2012). Predictors of sickness absence in patients with a new episode of Low Back Pain in primary care. *Industrial Health*, *50*, 288-298. doi: 10.2486/indhealth.MS1335
- Rolli Salathé, C., **Elfering, A.**, & Melloh, M. (2012). Wirksamkeit, Zweckmäßigkeit und Wirtschaftlichkeit des multimodalen Behandlungsansatzes bei chronisch lumbalen Rückenschmerzen [Efficacy, utility and cost-effectiveness of multidisciplinary treatment for chronic low back pain]. *Der Schmerz*, *26*, 131–149. doi: 10.1007/s00482-012-1148-2
- Rolli Salathé, C., Melloh, M., Mannion, A. F., Tamcan, Ö., Boos, N., Mueller, U., & **Elfering, A.** (2012). Resources for preventing sickness absence due to Low Back Pain. *Occupational Medicine*, *62*, 273–280. doi: 10.1093/occmed/kqs024

2011

- Amstad, F. T., Meier, L. L., Fasel, U., **Elfering, A.**, & Semmer, N. K. (2011). A meta-analysis of work–family conflict and various outcomes with a special emphasis on cross-domain versus matching-domain relations. *Journal of Occupational Health Psychology*, *16*, 151–169. doi: 10.1037/a0022170
- Berset, M., **Elfering, A.**, Lüthy, S., Lüthi, S., & Semmer, N. K. (2011). Stressors and impaired sleep: rumination as a mediator. *Stress and Health*, *27*, e71–e82. doi: 10.1002/smi.1337
- Berset, M., Semmer, N. K., **Elfering, A.**, Jacobshagen, N., & Meier, L. L. (2011). Three different work stressors and job control as predictors of body weight: A longitudinal study. *Scandinavian Journal of Work, Environment and Health*, *37*, 45-53. doi:10.5271/sjweh.3089
- Elfering, A.**, & Grebner, S. (2011). Ambulatory assessment of skin conductivity during first thesis presentation: Lower self-confidence predicts prolonged stress response. *Applied Psychophysiology and Biofeedback*, *36*, 93-99. doi: 10.1007/s10484-011-9152-3
- Elfering, A.**, & Grebner, S. (2011). On intra- and interindividual differences in the meaning of smileys: Does this face show job satisfaction? *Swiss Journal of Psychology*, *70*, 13-23. doi: 10.1024/1421-0185/a000034
- Elfering, A.**, Grebner, S., & Dudan, A. (2011). Job characteristics in nursing and work specific cognitive failure. *Safety and Health @ Work*, *2*, 1-7. doi: 10.5491/SHAW.2011.2.2.194
- Elfering, A.**, Thomann, J., Schade, V., & Radlinger, L. (2011). Stochastic resonance whole body vibration reduces musculoskeletal pain: A randomized controlled trial. *World Journal of Orthopedics*, *2*, 116-120. doi:10.5312/wjo.v2.i12.116

- Erne, C., & **Elfering, A.** (2011). Low back pain at school: unique risk deriving from unsatisfactory grade in maths and school-type recommendation by teachers as objective stressors. *European Spine Journal*, *20*, 2126–2133. doi: 10.1007/s00586-011-1803-9
- Melloh, M., **Elfering, A.**, Egli Presland, E., Röder, C., Zweig, T., Barz, T., Hendrick, P., Darlow, B., Stout, K., & Theis, J-C. (2011). Predicting the transition from acute to persistent low back pain in primary care. *Occupational Medicine*, *61*, 127-131. doi: 10.1093/occmed/kqq194
- Sahgal, A., & **Elfering, A.** (2011). Relevance of cognitive dissonance, activation and involvement to branding: An overview. *Psychological Writings*, *4*, 15-26. doi: 10.5231/psy.writ.2011.0809
- Wieser, S., Horisberger, B., Schmidhauser, S., Eisenring, C., Brügger, U., Ruckstuhl, A., Dietrich, J., Mannion, A., **Elfering, A.**, Tamcan, Ö., & Müller, U. (2011). Cost of Low Back Pain in Switzerland in 2005. *European Journal of Health Economics*, *12*, 455-467. doi: 10.1007/s10198-010-0258-y

2010

- Burger, C., Schade, V., Lindner, C., Radlinger, L., & **Elfering, A.** (2010). Stochastisches Resonanztraining in der Arbeit zur Prävention muskuloskelettaler Beschwerden: Eine angewandte Studie bei der Firma Bigla (S.73-81). Luzern: Suva medical 2010.
- Elfering, A.**, Dubi, M., & Semmer, N. K. (2010). Participation during major technological change and back pain. *Industrial Health*, *48*, 370-375. doi: 10.2486/indhealth.48.370
- Elfering, A.**, & Grebner, S. (2010). A Smile is just a Smile: But only for Men. Sex differences in meaning of Faces Scales. *Journal of Happiness Studies*, *11*, 179–191. doi: 10.1007/s10902-008-9130-5
- Elfering, A.**, Grebner, S., & Wehr, S. (2010). Do undergraduates evaluate a method lecture unbiased from overall satisfaction with their studies? *Education Sciences & Psychology*, *17*, 40-46.
- Grebner, S., **Elfering, A.**, & Semmer, N. K. (2010). The Success Resource Model of Job Stress. In, Perreweé, P.L. & Ganster, C.D. (Eds.), *Research in Occupational Stress and Well Being: New Developments in Theoretical and Conceptual Approaches to Job Stress*, Vol. 8, (pp. 61-108). Emerald. doi: 10.1108/S1479-3555(2010)0000008005
- McIntosh, E., Gray, A., Häfeli, M., **Elfering, A.**, Sukthankar, A., & Boos, N. (2010). Applied cost benefit analysis in health care: An empirical application in spinal surgery, in : Gray A and Briggs A. (Eds.), *Applied Methods of Cost Benefit Analysis in Health Care* (pp.139-160). Oxford University Press.
- Semmer, N. K., Grebner, S. & **Elfering, A.** (2010). „Psychische Kosten“ von Arbeit: Beanspruchung und Erholung, Leistung und Gesundheit. [The “psychological costs” of work: Workload, recovery, performance, and health.] In U. Kleinbeck & K.-H. Schmidt (Hrsg.), *Arbeitspsychologie*. (Enzyklopädie der Psychologie, Bd. D-III-1, S. 325-370). Göttingen: Hogrefe.

Tamcan, O., Mannion, A. F., Eisenring, C., Horisberger, B., **Elfering, A.**, & Müller, U. (2010). The course of chronic and recurrent Low Back Pain in the general population. *Pain, 150*, 451-457. doi: 10.1016/j.pain.2010.05.019

2009

Berset, M., Semmer, N. K., **Elfering, A.**, Amstad, F., Jacobshagen, N. (2009). Work characteristics as predictors of physiological recovery on weekends. *Scandinavian Journal of Work, Environment and Health, 35*, 188-192. doi: 10.5271/sjweh.1320

Elfering, A., Mannion, A. F., Jacobshagen, N., Tamcan, O., & Müller, U. (2009). Beliefs about back pain predict the recovery rate over 52 consecutive weeks. *Scandinavian Journal of Work, Environment and Health, 35*, 437-445. doi: 10.5271/sjweh.1360

Klumb, P., **Elfering, A.**, & Herre, C. (2009). Ambulatory assessment in I/O Psychology: Fruitful examples and methodological issues. *European Psychologist, 14*, 120–131. doi: 10.1027/1016-9040.14.2.120

Mannion, A. F., Horisberger, B., Eisenring, C., Tamcan, O., **Elfering, A.**, & Müller, U. (2009). The association between beliefs about low back pain and work presenteeism. *Journal of Occupational and Environmental Medicine, 51*, 1256-1266. doi: 10.1097/JOM.0b013e3181beac69

Mannion, A. F., Junge, A., **Elfering, A.**, Dvorak, J., Porchet, F., & Grob, D. (2009). Great expectations: really the novel predictor of outcome after spinal surgery? *Spine, 15*, 1590-1599. doi: 10.1097/BRS.0b013e31819fcd52

Melloh, M., **Elfering, A.**, Egli, C., Roeder, C., Barz, T., Rolli-Salathé, C., Tamcan, Ö., Müller, U., & Theis, J. C. (2009). Identification of prognostic factors for chronicity in patients with low back pain: A review of screening instruments. *International Journal of Orthopaedics, 33*, 301–313. doi: 10.1007/s00264-008-0707-8

Müller, U., Mannion, A. F., Wieser, S. Tamcan, Ö., Ruckstuhl, A., **Elfering, A.**, Eisenring, C., Schmidhauser, S., & Horisberger, B. Dem Rückenschmerz ein Gesicht geben. Chronisches Rückenleiden in der Deutschschweiz: Verlauf, Prädiktoren und Kosten Projektnummer: 4053-40-104826. *Schweizerisches Medizin-Forum, 9* (26-27), 484-486.

2008

Elfering, A., & Grebner, S. (2008). Stress and Patient Safety. In J. R. B. Halbesleben, (Ed.), *The Handbook of Stress and Burnout in Health Care* (pp. 173-186). Hauppauge, NY: Nova Science Publishers.

Elfering, A., & Mannion, A. F. (2008). Epidemiology and risk factors of spinal disorders. In N. Boos & M. Aebi (Eds.), *Spinal disorders – Fundamentals of diagnosis and treatment* (pp. 153-173). Berlin: Springer.

Elfering, A., Grebner, S., Gerber, H., & Semmer, N. K (2008). Workplace observation of work stressors, catecholamine and musculoskeletal pain in male employees. *Scandinavian Journal of Work, Environment and Health, 34*, 337-344. doi: 10.5271/sjweh.1280

- Grebner, S., **Elfering, A.**, & Semmer, N. K. (2008). Subjective occupational success. In J. Houdmont & S. Leka (Eds.), *Occupational Health Psychology: European Perspectives on Research, Education and Practice*, Vol. 3 (pp. 89-110). Maia, Portugal: ISMAI Publishers.
- Häfeli, M., **Elfering, A.**, Aebi, M., Freeman, B.J.C., Fritzell, P., Guimaraes Consciencia, J., Lamartina, C., Mayer, M., Lund, T., & Boos, N. (2008). What comprises a good outcome in spinal surgery? A preliminary survey among spine surgeons of the SSE and European spine patients. *European Spine Journal*, *17*, 104-116. doi: 10.1007/s00586-007-0541-5
- Häfeli, M., **Elfering, A.**, McIntosh, E., Gray, A., Sukthankar, A., & Boos, N. (2008). A cost benefit analysis using contingent valuation techniques in spinal surgery: A pilot study. *Value in Health*, *11*, 575-588. doi: 10.1111/j.1524-4733.2007.00282.x
- Mannion, A. F., & **Elfering, A.** (2008). Predictors of surgical outcome. In N. Boos & M. Aebi (Eds.), *Spinal disorders – Fundamentals of diagnosis and treatment* (pp. 175-197). Berlin: Springer.
- Meier, L. L., Semmer, N. K., **Elfering, A.**, & Jacobshagen, N. (2008). The double meaning of control: Three-way interactions between internal resources, job control, and stressors at work. *Journal of Occupational Health Psychology*, *13*, 244-258. doi: 10.1037/1076-8998.13.3.244
- Melloh, M., Röder, C., **Elfering, A.**, Theis, J.C., Müller, U., Staub, L., Aghayev, E., Zweig, T., Barz, T., Kohlmann, T., Wieser, S., Jüni, P., & Zwahlen, M. (2008). Differences across health care systems in outcome and cost-utility of surgical and conservative treatment of chronic low back pain: a study protocol. *BMC Musculoskeletal Disorders*, *9*, 8. doi: 10.1186/1471-2474-9-81.
- Melloh, M., Aebli, N., **Elfering, A.**, Röder, C., Zweig, T., Barz, T., Herbison, P., Hendrick, P., Stout, K., Bajracharya, S., & Theis, J-C. (2008). Development of a screening tool predicting the transition from acute to chronic low back pain for patients in a GP setting: Protocol of a multinational prospective cohort study. *BMC Musculoskeletal Disorders*, Dec;9:167. doi: 10.1186/1471-2474-9-167.
- Semmer, N. K., **Elfering, A.**, Jacobshagen, N., Perrot, T., Beehr, T., & Boos, N. (2008). The emotional meaning of instrumental support. *International Journal of Stress Management*, *25*, 235-251. doi: 10.1037/1072-5245.15.3.235

2007

- Elfering, A.** (2007). How fast small things become large: Dynamic change in judgment. *International Journal of Psychology*, *42*, 274-284. doi: 10.1080/00207590600831821
- Elfering, A.**, Semmer, N. K., Tschann, F., Kälin, W., & Bucher, A. (2007). First years in job: A three-wave analysis of work experiences. *Journal of Vocational Behavior*, *70*, 97-115. doi: 10.1016/j.jvb.2006.07.001
- Lund, T., Häfeli, M., **Elfering, A.**, Aebi, M., Freeman, B.J.C., Fritzell, P., Guimaraes Consciencia, J., Lamartina, C., Mayer, M., Lund, T., & Boos, N. (2007). Mitä selkäpotilas odottaa leikkaukselta? *Suomen Ortopedia ja Traumatologia*, *30*, 180-183.
- Mannion A. F., **Elfering, A.**, Staerke, R., Junge, A., Grob, D., Semmer, N. K., Jacobshagen, N., Dvorak, J., & Boos, N. (2007). Predictors of multidimensional outcome after spinal surgery. *European Spine Journal*, *16*, 777-786. doi: 10.1080/00207590600831821

Semmer, N. K., Jacobshagen, N., Meier, L. L., & **Elfering, A.**, (2007). Occupational stress research: The “stress-as-offence-to-self” perspective. In J. Houdmont & S. McIntyre (Eds.), *Occupational Health Psychology: European Perspectives on Research, Education and Practice, Vol. 2* (pp. 43-60). Maia, Portugal: ISMAI Publishers.

2006

Elfering, A. (2006). Work-related outcome assessment instruments. *European Spine Journal, 15*, S32-S43. doi: 10.1007/s00586-005-1044-x

Elfering, A., & Sarris, V. (2006). Memory and assimilation to context in delayed matching-to-sample. *Psychology Science, 48*, 17-38.

Elfering, A., Semmer, N. K., & Grebner, S. (2006). Work stress and patient safety: Observer-rated work stressors as predictors of characteristics of safety-related events reported by young nurses. *Ergonomics, 49*, 457-469. doi: 10.1080/00140130600568451

Gorbach, C., Schmid, M. R., **Elfering, A.**, Hodler, J., & Boos, N. (2006). Therapeutic efficacy of facet joint blocks. *American Journal of Roentgenology, 186*, 1228-1233. doi: 10.2214/AJR.04.1042

Häfeli, M., & **Elfering, A.** (2006). Pain assessment. *European Spine Journal, 15*, S17-S24. doi: 10.1007/s00586-005-1044-x

Häfeli, M., **Elfering, A.** Kilian, R., Min, K., & Boos, N. (2006). Non-operative treatment for adolescent idiopathic scoliosis -A 10 to 60 year follow-up with special reference to health-related quality of life. *Spine, 31*, 355-366. doi: 10.1097/01.brs.0000197664.02098.09

Mannion, A. F., & **Elfering, A.** (2006). Predictors of surgical outcome and their assessment. *European Spine Journal, 15*, S93-S108. doi: 10.1007/s00586-005-1044-x

Mannion, A. F., & **Elfering, A.** (2006). Preditores do resultado cirúrgico e suas avaliações. *Coluna/Columna, 5*, 267-279.

Mengiardi, B., Schmid, M.R., Boos, N., Pfirrmann, C.W.A., Brunner, F., **Elfering, A.**, & Hodler J. (2006). Fat content of lumbar paraspinal muscles in patient with chronic low back pain and asymptomatic volunteers: Quantification with MR spectroscopy. *Radiology, 240*, 786-792. doi: 10.1148/radiol.2403050820

Pfirrmann, C. W. A., Metzendorf, A., **Elfering, A.**, Hodler, J., & Boos, N. (2006). Effect of aging and degeneration on disc volume and shape: A quantitative study in asymptomatic volunteers. *Journal of Orthopaedic Research, 24*, 1086-1094. doi: 10.1002/jor.20113

2005

Dora, C., Schmid, M., **Elfering, A.**, Zanetti, M., Hodler, J., & Boos, N. (2005). Lumbar disc herniation: Do MR findings predict recurrence after surgical discectomy? *Radiology, 235*, 562-567. doi: 10.1148/radiol.2352040624

Elfering, A. (2005). Human factors in matching images to standards: Assimilation and time order error. *International Journal of Occupational Safety and Ergonomics, 11*, 399-407.

Elfering, A., Grebner, S., Semmer, N. K., Kaiser-Freiburghaus, D., Lauper-Del Ponte, S., & Witschi, I. (2005). Chronic job stressors and job control: Effects on event-related coping

success and well-being. *Journal of Occupational and Organizational Psychology*, 78, 237-252. doi: 10.1348/096317905X40088

Grebner, S., Semmer, N. K., & **Elfering, A.** (2005). Working conditions and three types of well-being: A longitudinal study with self-report and rating data. *Journal of Occupational Health Psychology*, 10, 31-43. doi: 10.1080/13594320344000192

Mannion A. F., **Elfering, A.**, Staerkle, R., Junge, A., Grob, D., Semmer, N. K., Jacobshagen, N., Dvorak, J., & Boos, N. (2005). Outcome assessment in low back pain: how low can you go? *European Spine Journal*, 14, 1014-1026. doi: 10.1007/s00586-005-1044-x

Semmer, N. K., Tschan, F., **Elfering, A.**, Kälin, W., & Grebner, S. (2005). Young adults entering the workforce in Switzerland: Working conditions and well-being. In H. Kriesi, P. Farago, M. Kohli, & M. Zarin, (Eds.), *Contemporary Switzerland: Revisiting the Special Case* (pp. 163-189). Houndmills, UK: Palgrave Macmillan.

2004

Grebner, S., **Elfering, A.**, Semmer, N. K., Kaiser-Probst, C., & Schlapbach, M. L. (2004). Stressful situations at work and in private life among young workers: An event sampling approach. *Social Indicators Research*, 67, 11-49. doi: 10.1023/B:SOCI.0000007333.96382.3a

Semmer, N. K., Grebner, S., & **Elfering, A.** (2004). Beyond self-report: Using observational, physiological, and event-based measures in research on occupational stress. In P. L. Perrewé & D. C. Ganster (Eds.), *Emotional and Physiological Processes and Positive Intervention Strategies. Research in Occupational Stress and Well-being, Vol. 3.* (pp. 205-263) Amsterdam: JAI. doi: 10.1016/S1479-3555(03)03006-3

Staerkle, R., Mannion, A., **Elfering, A.**, Junge, A., Semmer, N. K., Jacobshagen, N., Grob, D., Dvorak, J., & Boos, N. (2004). Longitudinal validation of the Fear-Avoidance Beliefs Questionnaire (FABQ) in a Swiss-German sample of low back pain. *European Spine Journal*, 13, 332-340. doi: 10.1007/s00586-003-0663-3

2003

Elfering, A., Grebner, S., Semmer, N. K., Byland, C., & Gerber, H. (2003). Two urinary catecholamine measurement indices for applied stress research: Effects of time and temperature until freezing. *Human Factors*, 45, 563-574. doi: 10.1518/hfes.45.4.563.27086

Grebner, S., Semmer, N. K., Lo Faso, L., Gut, S., Kälin, W., & **Elfering, A.** (2003). Working conditions, well-being, and job-related attitudes among call centre agents. *European Journal of Work and Organizational Psychology*, 12, 341-365. doi: 10.1080/13594320344000192

2002

Dora, C., Wälchli, B., **Elfering, A.**, Gal, I., Weishaupt, D., & Boos, N. (2002) The significance of the spinal canal dimensions in discriminating symptomatic and asymptomatic disc-herniations. *European Spine Journal*, 11, 575-581. doi: 10.1007/s00586-002-0448-0

Elfering, A., Grebner, S., Semmer, N. K., & Gerber, H. (2002). Time control, catecholamines, and back pain among young nurses. *Scandinavian Journal of Work, Environment & Health*, 28, 386-393. doi: 10.5271/sjweh.690

Elfering, A., Semmer, N. K., Birkhofer, D., Zannetti, M., Hodler, J., & Boos, N. (2002). Risk factors for lumbar disc degeneration: A five-year prospective MR study in asymptomatic individuals. *Spine*, 27, 125-134.

Elfering, A., Semmer, N. K., Schade, V., Grund, S., & Boos, N. (2002). Supportive colleague, unsupportive supervisor: The role of provider-specific constellations of social support at work in the development of low back pain. *Journal of Occupational Health Psychology*, 7, 130-140. doi: 10.1037//1076-8998.7.2.130

2001

-

2000

Boos, N., Semmer, N. K., **Elfering, A.**, Schade, V., Gal, I., Zanetti, M., Kissling, R., Buchegger, N., Hodler, J., & Main, C. (2000). Natural history of individuals with asymptomatic disc abnormalities in magnetic resonance imaging: Predictors of low back pain-related medical consultation and work incapacity. *Spine*, 25, 1484-1492.

Elfering, A., Kälin, W., & Semmer, N. K. (2000). Stability and change in job satisfaction at the transition from vocational training into "real work". *Swiss Journal of Psychology*, 59, 256-271. doi: 10.1024//1421-0185.59.4.256

Kälin, W., Semmer, N. K., **Elfering, A.**, Dauwalder, J.-P., Tschan, F., Heunert, S., & Crettaz von Roten, F. (2000). Work characteristics and well-being of Swiss apprentices entering the labor market. *Swiss Journal of Psychology*, 59, 272-290. doi: 10.1024//1421-0185.59.4.272