

## ZOZNAM PUBLIKAČNEJ ČINNOSTI

**Mgr. Milan Sedliak, PhD.**

### **AAB Vedecké monografie vydané v domácich vydavateľstvách**

AAB01 Sedliak, Milan [UKOTVKKA] (100%) : Steroidné hormóny pri telesnom zaťažení. - 1. vyd. - Bratislava : Slovenská vedecká spoločnosť pre telesnú výchovu a šport, 2017. - 92 s. [4,6 AH]  
Lit. 204 záz.  
ISBN 978-80-89075-60-7

### **ABC Kapitoly vo vedeckých monografiách vydané v zahraničných vydavateľstvách**

ABC01 Sedliak, Milan [UKOTVKKA] (100%) : Biological rhythms in neuromuscular performance  
Lit. 52 záz.  
In: Chronobiology from theory to sports practice. - Krakow : Towarzystwo Słowaków w Polsce, 2013. - S. 40-62 [1,1 AH]. - ISBN 978-83-7490-701-9

ABC02 Sedliak, Milan [UKOTVKKA] (100%) : Time-of-day-specific training adaptations  
Lit. 84 záz.  
In: Chronobiology from theory to sports practice. - Krakow : Towarzystwo Słowaków w Polsce, 2013. - S. 63-90 [1,3 AH]. - ISBN 978-83-7490-701-9

### **ABD Kapitoly vo vedeckých monografiách vydané v domácich vydavateľstvách**

ABD01 Sedliak, Milan [UKOTVKKA] (100%) : Tréningová adaptácia na zaťaženie v rôznych fázach dňa  
Text nie je totožný s Bib-ID 000285113  
Lit. 84 záz.  
In: Chronobiológia od teórie k športovej praxi. - Banská Bystrica : Belianum, 2013. - S. 87-117 [1,40]. - ISBN 978-80-557-0634-4  
*Ohlasy (1):*  
[o3] 2014 Bunc, V.: Kvantitatívni a kvalitatívni diagnostika ve sportovních hrách. In: Hry 2014 : hra od kolébky do hrobu [elektronický dokument]. Plzeň : Západočeská univerzita, 2014, S. 35

ABD02 Sedliak, Milan [UKOTVKKA] (100%) : Biologické rytmy a nervovo-svalová výkonnosť človeka  
Text nie je totožný s Bib-ID 000285110  
Lit. 56 záz.  
In: Chronobiológia od teórie k športovej praxi. - Banská Bystrica : Belianum, 2013. - S. 60-86 [1,06 AH]. - ISBN 978-80-557-0634-4  
*Ohlasy (3):*  
[o4] 2014 Bielik, V.: Regenerácia v športe. Senec : Sportdiag team v spolupráci so Slovenskou vedeckou spoločnosťou pre telesnú výchovu a šport, 2014, S. 135  
[o3] 2014 Bunc, V.: Kvantitatívni a kvalitatívni diagnostika ve sportovních hrách. In: Hry 2014 : hra od kolébky do hrobu [elektronický dokument]. Plzeň : Západočeská univerzita, 2014, S. 35  
[o4] 2016 Gereková, J. - Hurajtová, N.: Rozvoj silových schopností biatlonistky v pesime diurnálnej výkonnosti. In: Kondičný tréning v roku 2016. Banská Bystrica : Slovenská asociácia kondičných trénerov a Univerzita Mateja Bela KTVŠ FF, 2016, S. 176

### **ADC Vedecké práce v zahraničných karentovaných časopisoch**

ADC01 Sedliak, Milan [UKOTVKKA] (80%) - Finni, Taija (5%) - Cheng, Sulin (5%) - Kraemer, Wiliam J. (5%) - Häkkinen, Keijo (5%): Effect of time-of-day-specific strength training on serum hormone concentrations and isometric strength in men  
Lit. 40 záz.

In: Chronobiology international. - Roč. 24, č. 6 (2007), s. 1159-1177. - ISSN 0742-0528

Registrované v: scopus

Registrované v: wos

Indikátor časopisu:

IF (JCR) 2007=3,771

SNIP (SCOPUS) 2007=1,221

SJR (SCOPUS) 2007=1,101

CiteScore (SCOPUS) 2007=3,67

Ohlasy (46):

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- [o1] 2011 Teo, W. - McGuigan, M.R. - Newton, M.J.: The effects of circadian rhythmicity of salivary cortisol and testosterone on maximal isometric force, maximal dynamic force, and power output. In: Journal of strength and conditioning research, roč. 25, č. 6, 2011, s. 1538-1545 - SCI ; SCOPUS
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- [o1] 2011 Strimpakos, N.: The assessment of the cervical spine. Part 2 : strength and endurance/fatigue. In: Journal of bodywork and movement therapies, roč. 15, č. 4, 2011, s. 417-430 - SCOPUS
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- [o3] 2013 Hajdinjak, T.: Testosterone measurement and prostate cancer. In: Advances in prostate cancer. Croatia : InTech, 2013, S. 173
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ADC02 Hu, Min (35%) - Finni, Taija (10%) - Sedliak, Milan [UKOTVKKA] (25%) - Zhou, W. (10%) - Alen, M. (10%) - Cheng, S. (10%): Seasonal variation of red blood cell variables in physically inactive men : effects of strength training  
Lit. 26 zázn.

In: *International journal of sports medicine*. - Roč. 29, č. 7 (2008), s. 564-568. - ISSN 0172-4622

*Registrované v:* scopus

*Registrované v:* wos

*Indikátor časopisu:*

IF (JCR) 2008=1,626

SJR (SCOPUS) 2008=1,015

SNIP (SCOPUS) 2008=1,098

CiteScore (SCOPUS) 2008=2,35

*Ohlasy (10):*

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ADC03 Sedliak, Milan [UKOTVKKA] (80%) - Finni, Taija (5%) - Cheng, Sulin (5%) - Haikarainen, T. (5%) - Häkkinen, Keijo (5%): Diurnal variation in maximal and submaximal strength, power and neural activation of leg extensors in men : multiple sampling across two consecutive days  
Lit. 41 záz.

In: International journal of sports medicine. - Roč. 29, č. 3 (2008), s. 217-224. - ISSN 0172-4622

*Registrované v:* scopus

*Registrované v:* wos

*Indikátor časopisu:*

IF (JCR) 2008=1,626

SJR (SCOPUS) 2008=1,015

SNIP (SCOPUS) 2008=1,098

CiteScore (SCOPUS) 2008=2,35

*Ohlasy (24):*

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- [o3] 2012 Rudolph, M.J.: Readjust your biological clock with caffeine and boost morning muscular performance. In: *Muscular development*, roč. 49, č. 8, 2012, s. 208
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- [o1] 2009 Tamm, A.S. - Lagerquist, O. - Ley, A.L. - Collins, D.F.: Chronotype influences diurnal variations in the excitability of the human motor cortex and the ability to generate torque during a maximum voluntary contraction. In: *Journal of biological rhythms*, roč. 24, č. 3, 2009, s. 211-224 - SCI ; SCOPUS
- [o1] 2014 Crivelli, G. - Maffiuletti, N.A.: Actions of B2-adrenoceptor agonist drug on neuromuscular function after fatigue. In: *Medicine and science in sports and exercise*, roč. 46, č. 2, 2014, s. 247-256 - SCOPUS
- [o1] 2012 Souissi, H. - Chtourou, H. - Chaouachi, A. - Chamari, K. - Souissi, N. - Amri, M.: Time-of-day effects on EMG parameters during the Wingate test in boys. In: *Journal of sports science and medicine*, roč. 11, č. 3, 2012, s. 380-386 -SCI ; SCOPUS
- [o1] 2012 Chtourou, H. - Souissi, N.: The effect of training at a specific time of day : a review. In: *Journal of strength and conditioning research*, roč. 26, č. 7, 2012, s. 1984-2005 - SCI ; SCOPUS
- [o1] 2011 Strimpakos, N.: The assessment of the cervical spine. Part 2 : strength and endurance/fatigue. In: *Journal of bodywork and movement therapies*, roč. 15, č. 4, 2011, s. 417-430 - SCI ; SCOPUS
- [o1] 2015 El-Chami, M. - Shaheen, D. - Ivers, B. - Syed, Z. - Badr, M. S. - Lin, H.-S. - Mateika, J.H.: Time of day affects the frequency and duration of breathing events and the critical closing pressure during NREM sleep in participants with sleep apnea. In: *Journal of applied physiology*, roč. 119, č. 6, 2015, s. 617-626 - SCI ; SCOPUS
- [o1] 2015 Thun, E. - Bjorvatn, B. - Flo, E. - Harris, A. - Pallesen, S.: Sleep, circadian rhythms, and athletic performance. In: *Sleep medicine reviews*, roč. 23, č. October, 2015, s. 1-9 - SCI ; SCOPUS
- [o1] 2016 Vinge, L. - Jakobsen, J. - Pedersen, A.R. - Andersen, H.: Diurnal and day-to-day variation of isometric muscle strength in myasthenia gravis. In: *Muscle and nerve*, roč. 53, č. 1, 2016, s. 67-72 - SCI ; SCOPUS
- [o1] 2016 Zbidi, S. - Zinoubi, B. - Vandewalle, H. - Driss, T.: Diurnal rhythm of muscular strength depends on temporal specificity of self-resistance training. In: *Journal of strength and conditioning research*, roč. 30, č. 3, 2016, s. 717-724 - SCI ; SCOPUS
- [o1] 2018 Arazi, H. - Khanmohammadi, A. - Asadi, A. - Haff, G.G.: The effect of resistance training set configuration on strength, power, and hormonal adaptation in female volleyball players. In: *Applied physiology, nutrition and metabolism*, roč. 43, č. 2, 2018, s. 154-164 - SCI ; SCOPUS

ADC04 Hu, Min (15%) - Finni, Taija (15%) - Zhou, W. (15%) - Perhonen, M. (15%) - Sedliak, Milan [UKOTVKKKA] (15%) - Alen, M. (15%) - Cheng, Sulin (10%): Effects of strength training on work capacity and parasympathetic heart rate modulation during exercise in physically inactive men  
Lit. 33 zázň.

In: International journal of sports medicine. - Roč. 30, č. 10 (2009), s. 719-724. - ISSN 0172-4622

Registrované v: scopus

Registrované v: wos

Indikátor časopisu:

IF (JCR) 2009=1,589

SJR (SCOPUS) 2009=1,015

SNIP (SCOPUS) 2009=1,098

CiteScore (SCOPUS) 2009=2,35

Ohlasy (15):

[o1] 2011 Montenegro, R.A. - Farinatti, P.D.T.V. - Fontes, E.B. - Soares, P.P.D.S. - Cunha, F.A.D. - Gurgel, J.L. - Porto, F. - Cyrino, E.S. - Okano, A.H.: Transcranial direct current stimulation influences the cardiac autonomic nervous control. In: Neuroscience letters, roč. 497, č. 1, 2011, s. 32-36 - SCI ; SCOPUS

[o1] 2011 Silveira, L.C.R. - Tezini, G.C.S.V. - Schujmann, D.S. - Porto, J.M. - Rossi, B.R.O. - Souza, H.C.D.: Comparison of the effects of aerobic and resistance training on cardiac autonomic adaptations in ovariectomized rats. In: Autonomic neuroscience-basic and clinical, roč. 162, č. 1-2, 2011, s. 35-41 - SCI ; SCOPUS

[o1] 2013 Ozaki, H. - Loenneke, J.P. - Thiebaud, R.S. - Abe, T.: Resistance training induced increase in VO<sub>2</sub>max in young and older subjects. In: European review of aging and physical activity, roč. 10, č. 2, 2013, s. 107-116 - SCI ; SCOPUS

[o1] 2013 Jakovljevic, D.G. - Hallsworth, K. - Zalewski, P. - Thoma, C. - Klawe, J.J. - Day, C.P. - Newton, J. - Trenell, M.I.: Resistance exercise improves autonomic regulation at rest and haemodynamic response to exercise in non-alcoholic fatty liver disease. In: Clinical science, roč. 125, č. 3, 2013, s. 143-149 - SCI ; SCOPUS

[o1] 2013 Zaton, M. - Dabrowski, D.: Differences in the direction of effort adaptation between mountain bikers and road cyclists. In: Human movement, roč. 14, č. 2, 2013, s. 154-160 - SCOPUS

[o1] 2013 Ricci-Vitor, A.L. - Bonfim, R. - Fosco, L.C. - Bertolini, G.N. - Ramos, E.M.C. - Ramos, D. - Pastre, C.M. - Godoy, M. - Vanderlei, L.C.M.: Influence of the resistance training on heart rate variability, functional capacity and muscle strength in the chronic obstructive pulmonary disease. In: European journal of physical and rehabilitation medicine, roč. 49, č. 6, 2013, s. 793-801 - SCI ; SCOPUS

[o1] 2014 Machado-Vidotti, H.G. - Mendes, R.G. - Simoes, R.P. - Castello-Simoes, V. - Catai, A.M. - Borghi-Silva, A.: Cardiac autonomic responses during upper versus lower limb resistance exercise in healthy elderly men. In: Brazilian journal of physical therapy, roč. 18, č. 1, 2014, s. 793-801 - SCI ; SCOPUS

[o1] 2014 Lafortuna, C.L. - Minocci, A. - Capodaglio, P. - Gondoni, L.A. - Sartorio, A. - Vismara, L. - Rizzo, G. - Grugni, G.: Skeletal muscle characteristics and motor performance after 2-year growth hormone treatment in adults with prader-willi syndrome. In: Journal of clinical endocrinology and metabolism, roč. 99, č. 5, 2014, s. 1816-1824 - SCI ; SCOPUS

[o1] 2014 Ricci-Vitor, A.L. - Soares dos Santos, A.A. - Fernandes de Godoy, M. - Cipulo Ramos, E.M. - Pastre, C. M. - Marques Vanderlei, L.C.: Impact of strength training on fractal correlation property of heart rate variability and peripheral muscle strength in COPD. In: Experimental and clinical cardiology, roč. 20, č. 7, 2014, s. 450-474 - SCOPUS

[o1] 2015 Lin, X. - Zhang, X. - Guo, J. - Roberts, C.K. - McKenzie, S. - Wu, W.-C. - Liu, S. - Song, Y.: Effects of exercise training on cardiorespiratory fitness and biomarkers of cardiometabolic health : a systematic review and meta-analysis of randomized controlled trials. In: Journal of the American heart association, roč. 4, č. 7, 2015, s. Article number e002014 - SCI ; SCOPUS

[o1] 2016 Rezende Barbosa, M.P.D.C.D. - Netto Júnior, J. - Cassemiro, B.M. - de Souza, N.M. - Bernardo, A.F.B. - da Silva, A.K.F. - Pastre, C.M. - Vanderlei, L.C.M.: Impact of functional training on cardiac autonomic modulation, cardiopulmonary parameters and quality of life in healthy women. In: Clinical physiology and functional imaging, roč. 36, č. 4, 2016, s. 318-325 - SCI ; SCOPUS

[o1] 2016 Farinatti, P. - Neto, S.R.M. - Dias, I. - Cunha, F.A. - Bouskela, E. - Kraemer-Aguiar, L.G.: Short-term resistance training attenuates cardiac autonomic dysfunction in obese adolescents. In: Pediatric exercise science, roč. 28, č. 3, 2016, s. 374-380 - SCI ; SCOPUS ; PubMed

[o1] 2016 MacDonald, H.V. - Johnson, B.T. - Huedo-Medina, T.B. - Livingston, J. - Forsyth, K.C. - Kraemer, W.J. - Farinatti, P.T.V. - Pescatello, L.S.: Dynamic resistance training as stand-alone antihypertensive lifestyle therapy : ameta-analysis. In: Journal of the American heart association, roč. 5, č. 10, 2016, s. Article number e003231 - SCI ; SCOPUS

[o1] 2018 Ricci-Vitor, A.L. - Vanderlei, L.C.M. - Pastre, C.M. - Ramos, D. - Ramos, E.M.C. - Ferreira Filho, C. - Ferreira, C.: Elastic tubing resistance training and autonomic modulation in subjects with chronic obstructive pulmonary disease. In: BioMed research international, roč. 6, č. May, 2018, s. Article number 9573630 - SCI ; SCOPUS

[o1] 2018 Bhati, P. - Moiz, J.A. - Menon, G.R. - Hussain, M.E.: Does resistance training modulate cardiac autonomic control? A systematic review and meta-analysis. In: Clinical autonomic research, roč. 28, č. [5], 2018, s. 1-29 - SCOPUS

ADC05 Sedliak, Milan [UKOTVKKA] (90%) - Haverinen, Marko (5%) - Häkkinen, Keijo (5%): Muscle strength, resting muscle tone and EMG activation in untrained men : interaction effect of time of day and test order-related confounding factors

Lit. 33 zázň.

In: Journal of sports medicine and physical fitness. - Roč. 51, č. 4 (2011), s. 560-570. - ISSN 0022-4707

*Registrované v:* vos

*Registrované v:* scopus

*Indikátor časopisu:*

IF (JCR) 2011=0,847

SJR (SCOPUS) 2011=0,432

SNIP (SCOPUS) 2011=0,635

CiteScore (SCOPUS) 2011=1,13

*Ohlasy (5):*

[o1] 2014 Streckis, V. - Skurvydas, A. - Mamkus, G.: Effect of the time of day on central and peripheral fatigue during 2-min maximal voluntary contractions in persons with multiple sclerosis : gender differences. In: Journal of electromyography and kinesiology, roč. 24, č. 5, 2014, s. 601-606 - SCI ; SCOPUS

[o1] 2015 Jeffriess, M.D. - Schultz, A.B. - McGann, T.S. - Callaghan, S.J. - Lockie, R.G.: Effects of preventative ankle taping on planned change-of-direction and reactive agility performance and ankle muscle activity in basketballers. In: Journal of sports science and medicine, roč. 14, č. 4, 2015, s. 864-876 - SCI ; SCOPUS

[o1] 2016 Paillard, T. - Noé, F. - Bru, N. - Couderc, M.: The impact of time of day on the gait and balance control of Alzheimers patients. In: Chronobiology international, roč. 33, č. 2, 2016, s. 161-168 - SCI ; SCOPUS

[o1] 2014 Seo, D.Y. - Lee, S. - Kim, N. - Ko, K.S. - Rhee, B.D. - Park, B.J. - Han, J.: Effect of the time of day on central and peripheral fatigue during 2-n maximal voluntary contractions in persons with multiple sclerosis : genderdifferences. In: Integrative medicine research, roč. 2, č. 4, 2014, s. 139-144, SI - SCI

[o1] 2018 Rhodes, D. - McNaughton, L. - Greig, M.: The temporal pattern of recovery in eccentric hamstring strength post-soccer specific fatigue. In: Research in sports medicine, roč. 26, č. October, 2018, s. [1-5] - SCOPUS

ADC06 Sedliak, Milan [UKOTVKKA] (17%) - Zeman, Michal [UKOPRBZF] (11%) - Buzgó, Gabriel [UKOTVKKA] (11%) - Cvečka, Ján [UKOTVDKCH] (11%) - Hamar, Dušan [UKOTVKKA] (11%) - Laczó, Eugen [UKOTVKLA] (11%) - Zelko, Aurel [UKOTVKLA] (11%) - Okuliarová, Monika [UKOPRBZF] (11%) - Raastad, Truls (1%) - Nilsen, Tormod Skogstad (1%) - Kyröläinen, Heikki (1%) - Häkkinen, Keijo (1%) - Ahtiainen, Juha P. (1%) - Hulmi, Juha J. (1%): Effects of time of day on resistance exercise-induced anabolic signaling in skeletal muscle

Lit.: 44 zázň., 4 obr.

In: Biological rhythm research. - Roč. 44, č. 5 (2013), s. 756-770. - ISSN 0929-1016

*Registrované v:* vos

*Registrované v:* scopus

*Indikátor časopisu:*

IF (JCR) 2013=1,216

SJR (SCOPUS) 2013=0,185

SNIP (SCOPUS) 2013=0,380

IPP (SCOPUS) 2013=0,682



ADC07 Mosole, Simone (20%) - Carraro, Ugo (1%) - Kern, Helmut (1%) - Loeffler, Stefan (1%) - Fruhmann, Hannah (1%) - Vogelauer, Michael (1%) - Burggraf, Samantha (1%) - Mayr, Winfried (1%) - Krenn, Mathias (1%) - Paternostro-Sluga, Tatjana (1%) - Hamar, Dušan [UKOTVKKA] (15%) - Cvečka, Ján [UKOTVDKCH] (15%) - Sedliak, Milan [UKOTVKKA] (15%) - Tirpáková, Veronika (15%) - Sarabon, Nejc (1%) - Musaró, Antonio (1%) - Sandri, Marco (1%) - Protasi, Feliciano (1%) - Nori, Alessandra (1%) - Pond, Amber (1%) - Zampieri, Sandra (5%): Long-term high-level exercise promotes muscle reinnervation with age

Lit.: 56 zázn.

In: Journal of neuropathology and experimental neurology. - Roč. 73, č. 4 (2014), s. 284-294. - ISSN 0022-3069

*Registrované v:* wos

*Registrované v:* scopus

*Indikátor časopisu:*

IF (JCR) 2014=3,797

SJR (SCOPUS) 2014=1,832

SNIP (SCOPUS) 2014=1,061

CiteScore (SCOPUS) 2014=3,914

*Ohlasy (19):*

[o1] 2014 Alway, S.E. - Myers, M.J. - Mohamed, J.S.: Regulation of satellite cell function in sarcopenia. In: Frontiers in aging neuroscience, roč. 6, č. SEP, 2014, s. Article number Article 246 - SCI ; SCOPUS

[o1] 2015 Fragala, M.S. - Kenny, A.M. - Kuchel, G.A.: Muscle quality in aging : a multi-dimensional approach to muscle functioning with applications for treatment. In: Sports medicine, roč. 45, č. 5, 2015, s. 641-658 - SCI

[o1] 2016 Fried, L.P.: Interventions for human frailty : physical activity as a model. In: Cold spring harbor perspectives in medicine, roč. 6, č. 6, 2016, s. Article number a025916 - SCI ; SCOPUS ; PubMed

[o1] 2016 Hepple, R.T. - Rice, C.L.: Innervation and neuromuscular control in ageing skeletal muscle. In: Journal of physiology-London, roč. 594, č. 8, 2016, s. 1965-1978 - SCI

[o1] 2016 Messi, M.L. - Li, T. - Wang, Z.M. - Marsh, A.P. - Nicklas, B. - Delbono, O.: Resistance training enhances skeletal muscle innervation without modifying the number of satellite cells or their myofiber association in obese older adults. In: Journals of gerontology : series A-biological sciences and medical sciences, roč. 71, č. 10, 2016, s. 1273-1280 - SCI ; SCOPUS

[o1] 2017 Langedard, A. - Bigot, L. - Chastan, N. - Gauthier, A.: Does neuromuscular electrical stimulation training of the lower limb have functional effects on the elderly? A systematic review. In: Journal of physiology-London, roč. 91, č. May, 2017, s. 88-98 - SCI ; SCOPUS

[o1] 2017 McKinnon, N.B. - Connelly, D.M. - Rice, C.L. - Hunter, S.W. - Doherty, T.J.: Neuromuscular contributions to the age-related reduction in muscle power : mechanisms and potential role of high velocity power training. In: Ageing research reviews, roč. 35, č. May, 2017, s. 147-154 - SCI ; SCOPUS

[o1] 2017 Demangel, R. - Treffel, L. - Py, G. - Brioché, T. - Pagano, A.F. - Bareille, M.-P. - Beck, A. - Pesseme, L. - Candau, R. - Gharib, C. - Chopard, A. - Millet, C.: Early structural and functional signature of 3-day human skeletal muscle disuse using the dry immersion model. In: Ageing research reviews, roč. 59, č. 13, 2017, s. 4301-4315 - SCI ; SCOPUS

[o1] 2017 Siqin, Q. - Nishiumi, T. - Yamada, T. - Wang, S.Q. - Liu, W.J. - Wu, R.H. - Borjigin, G.: Relationships among muscle fiber type composition, fiber diameter and MRF gene expression in different skeletal muscles of naturally grazing wuzhumuqin sheep during postnatal development. In: Animal science journal, roč. 88, č. 12, 2017, s. 2033-2043 - SCI ; SCOPUS

[o1] 2018 Kim, Y. - Memme, J.M. - Hood, D.A.: Application of chronic stimulation to study contractile activity-induced rat skeletal muscle phenotypic adaptations. In: Journal of visualized experiments, roč. 131, č. January, 2018, s. Article number e56827 - SCI ; SCOPUS

[o1] 2017 Sakellariou, G.K. - Lightfoot, A.P. - Earl, K.E. - Stofanko, M. - McDonagh, B.: Redox homeostasis and age-related deficits in neuromuscular integrity and function. In: Journal of cachexia, sarcopenia and muscle, roč. 8, č. 6, 2017, s. 881-906 - SCI ; SCOPUS

[o1] 2018 McKendry, J. - Breen, L. - Shad, B.J.: Muscle morphology and performance in master athletes : a systematic review and meta-analyses. In: Ageing research reviews, roč. 45, č. August, 2018, s. 62-82 - SCOPUS

[o1] 2018 Sheth, K.A. - Iyer, C.C. - Wier, C.G.: Muscle strength and size are associated with motor unit connectivity in aged mice. In: Neurobiology of aging, roč. 67, č. July, 2018, s. 128-136 - SCI ; SCOPUS

- [o1] 2018 Brown, C.S. - Masters, K.S. - Huebschmann, A.G.: Identifying motives of midlife black triathlete women using survey transformation to guide qualitative inquiry. In: Journal of cross-cultural gerontology, roč. 33, č. 1, 2018, s. 1-20 -SCI ; SCOPUS
- [o1] 2018 Merico, A. - Cavinato, M. - Gregorio, C. - Lacatena, A. - Gioia, E. - Piccione, F. - Angelini, C.: Effects of combined endurance and resistance training in amyotrophic lateral sclerosis : a pilot, randomized, controlled study. In: European journal of translational myology, roč. 28, č. 1, 2018, s. 132-140 - SCI ; SCOPUS
- [o1] 2018 Kelly, N.A. - Hammond, K.G. - Bickel, C.S. - Windham, S.T. - Tuggle, S.C. - Bamman, M.M.: Effects of aging and Parkinson's disease on motor unit remodeling : influence of resistance exercise training. In: Journal of applied physiology, roč. 124, č. 4, 2018, s. 888-898 - SCI ; SCOPUS
- [o1] 2018 Suzuki, T. - Ikeda, M. - Minami, M. - Matayoshi, Y. - Nakao, M. - Nakamura, T. - Abo, M.: Beneficial effect of intradialytic electrical muscle stimulation in hemodialysis patients : a randomized controlled trial. In: Artificialorgans, roč. 42, č. 9, 2018, s. 899-910 - SCI ; SCOPUS
- [o1] 2018 Chapalamadugu, K.C. - Tur, J. - Badole, S.L. - Kukreja, R.C. - Brotto, M. - Tipparaju, S.M.: Physiological role of KvB2 (AKR6) in murine skeletal muscle growth and regulation. In: Acta physiologica, roč. 42, č. 9, 2018, s. 899-910 -SCI ; SCOPUS
- [o1] 2018 McArdle, A. - Pollock, N. - Staunton, C.A. - Jackson, M.J.: Aberrant redox signalling and stress response in age-related muscle decline : role in inter- and intra-cellular signalling. In: Free radical biology and medicine, roč. 129, č. December, 2018, s. [1-8] - SCOPUS

ADC08 Küssmaa, Maria (50%) - Sedliak, Milan [UKOTVKKKA] (45%) - Häkkinen, Keijo (5%): Effects of time-of-day on neuromuscular function in untrained men : specific responses of high morning performers and high evening performers

Lit. 44 záz.

In: Chronobiology international. - Roč. 32, č. 8 (2015), s. 1115-1124. - ISSN (print) 0742-0528

Registrované v: scopus

Registrované v: wos

Indikátor časopisu:

IF (JCR) 2015=3,540

SJR (SCOPUS) 2015=1,517

SNIP (SCOPUS) 2015=1,119

CiteScore (SCOPUS) 2015=3,43

ADC09 Zampieri, Sandra (20%) - Pietrangelo, L. (2%) - Loeffler, Stefan (2%) - Fruhmann, Hannah (2%) - Vogelauer, Michael (2%) - Burggraf, Samantha (2%) - Pond, Amber (2%) - Grim-Stieger, Martina (2%) - Cvečka, Ján [UKOTVVKCH] (15%) - Sedliak, Milan [UKOTVKKKA] (15%) - Tirpáková, Veronika (15%) - Mayr, Ulrike Beate (2%) - Sarabon, Nejc (2%) - Rossini, K. (2%) - Barberi, Laura (2%) - De Rossi, Manuela (2%) - Romanello, V. (2%) - Boncompagni, S. (2%) - Musaró, Antonio (2%) - Sandri, Marco (2%) - Protasi, Feliciano (1%) - Carraro, Ugo (1%) - Kern, Helmut (1%): Lifelong physical exercise delays age-associated skeletal muscle decline [elektronický dokument]

Lit. 59 záz.

In: Journals of gerontology - series A Biological sciences and medical sciences [elektronický dokument]. - Roč. 70, č. 2 (2015), s. 163-173 [online]. - ISSN 1079-5006

URL: <https://academic.oup.com/biomedgerontology/issue/70/2>

URL: <https://academic.oup.com/biomedgerontology/article/70/2/163/592488>

Registrované v: scopus

Registrované v: wos

Indikátor časopisu:

IF (JCR) 2015=5,476

SJR (SCOPUS) 2015=2,891

SNIP (SCOPUS) 2015=1,682

CiteScore (SCOPUS) 2015=4,83

*Ohlasy (33):*

- [o1] 2015 Merlini, L. - Bonaldo, P. - Marzetti, E.: Editorial to "pathophysiological mechanisms of sarcopenia in aging and in muscular dystrophy : a translational approach". In: *Frontiers in aging neuroscience*, roč. 7, č. Jul, 2015, s. Article number 153 - SCOPUS
- [o1] 2016 Briocche, T. - Pagano, A.F. - Py, G. - Chopard, A.: Muscle wasting and aging : experimental models, fatty infiltrations, and prevention. In: *Molecular aspects of medicine*, roč. 50, č. August, 2016, s. 56-87 - SCI ; PubMed
- [o1] 2016 Joseph, A.M. - Adhietty, P.J. - Leeuwenburgh, Ch.: Beneficial effects of exercise on age-related mitochondrial dysfunction and oxidative stress in skeletal muscle. In: *Journal of physiology-London*, roč. 594, č. 18, 2016, s. 5105-5123 - SCI
- [o1] 2016 Mankowski, R.T. - Ahmed, S. - Beaver, T. Dirain, M. - Han, C. - Hess, P. Martin, T. - Smith, B.K. - Someya, S. - Leeuwenburgh, C. - Martin, A.D.: Intraoperative hemidiaphragm electrical stimulation reduces oxidative stress and upregulates autophagy in surgery patients undergoing mechanical ventilation : exploratory study. In: *Journal of translational medicine*, roč. 305, č. 14, 2016, s. Article number 305 - SCI
- [o1] 2016 Wen, D.T. - Zheng, L. - Ni, L. - Wang, H. - Feng, Y. - Zhang, M.: The expression of CG9940 affects the adaptation of cardiac function, mobility, and lifespan to exercise in aging drosophila. In: *Experimental gerontology*, roč. 52, č. 83, 2016, s. 6-14 - SCI
- [o1] 2016 White, Z. - Terrill, J. - White, R.B. - McMahon, C. - Sheard, P. - Grounds, M.D. - Shavlakadze, T.: Voluntary resistance wheel exercise from mid-life prevents sarcopenia and increases markers of mitochondrial function and autophagy in muscles of old male and female C57BL/6J mice. In: *Skeletal muscle*, roč. 6, č. 1, 2016, s. Article number 45 - SCOPUS ; SCI
- [o1] 2016 Piasecki, M. - Ireland, A. - Coulson, J. - Stashuk, D.W. - Hamilton-Wright, A. - Swiecicka, A. - Rutter, M.K. - McPhee, J.S. - Jones, D.A.: Motor unit number estimates and neuromuscular transmission in the tibialis anterior of master athletes : evidence that athletic older people are not spared from age-related motor unit remodeling. In: *Physiological reports*, roč. 19, č. 4, 2016, s. Article number e12987 - SCOPUS ; SCI
- [o1] 2015 Biressi, S. - Gopinath, S.D.: The quasi-parallel lives of satellite cells and atrophying muscle. In: *Frontiers in aging neuroscience*, roč. 7, č. Jul, 2015, s. Article number 140 - SCOPUS
- [o1] 2016 Done, A.J. - Traustadottir, T.: Nrf2 mediates redox adaptations to exercise. In: *Redox biology*, roč. 10, č. December, 2016, s. 191-199 - SCOPUS ; SCI
- [o1] 2016 Hood, D.A. - Tryon, L.D. - Carter, H.N. - Kim, Y. - Chen, C.C.W.: Unravelling the mechanisms regulating muscle mitochondrial biogenesis. In: *Biochemical journal*, roč. 473, č. 15, 2016, s. 2295-2314 - SCOPUS ; SCI
- [o1] 2017 Naseeb, M.A. - Volpe, S.L.: Protein and exercise in the prevention of sarcopenia and aging. In: *Nutrition research*, roč. 40, č. April, 2017, s. 1-20 - SCOPUS ; SCI
- [o1] 2017 Saluja, S.S. - Fabi, S.G.: A holistic approach to antiaging as an adjunct to antiaging procedures : a review of the literature. In: *Dermatologic surgery*, roč. 43, č. 4, 2017, s. 475-484 - SCOPUS ; SCI
- [o1] 2017 Baker, B.A.: An old problem : aging and skeletal-muscle-strain injury. In: *Journal of sport rehabilitation*, roč. 26, č. 2, 2017, s. 180-188 - SCOPUS ; SCI
- [o1] 2017 Kim, Y. - Triolo, M. - Hood, D.A.: Impact of aging and exercise on mitochondrial quality control in skeletal muscle. In: *Oxidative medicine and cellular longevity*, roč. 10, č. 2017, 2017, s. Article number 3165396 - SCOPUS ; SCI
- [o1] 2017 Done, A.J. - Newell, M.J. - Traustadottir, T.: Effect of exercise intensity on Nrf2 signalling in young men. In: *Free radical research*, roč. 51, č. 6, 2017, s. 646-655 - SCI
- [o1] 2017 Phillips, B.E. - Williams, J.P. - Greenhaff, P.L. - Smith, K. - Atherton, P.J.: Physiological adaptations to resistance exercise as a function of age. In: *JCI insight*, roč. 2, č. 17, 2017, s. Article number e95581 - SCI
- [o1] 2016 Jensen, L. - Dancisak, M. - Korndorffer, J.: Muscle-cooling intervention to reduce fatigue and fatigue-induced tremor in novice and experienced surgeons: A preliminary investigation. In: *Surgery Journal-New York*, roč. 2, č. 4, 2016, s. E126-E130 - SCI
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- [o1] 2017 Siqin, Q. - Nishiumi, T. - Yamada, T. - Wang, S.Q. - Liu, W.J. - Wu, R.H. - Borjigin, G.: Relationships among muscle fiber type composition, fiber diameter and MRF gene expression in different skeletal muscles of naturally grazing wuzhumuqin sheep during postnatal development. In: *Animal science journal*, roč. 88, č. 12, 2017, s. 2033-2043 - SCOPUS ; SCI
- [o1] 2017 Loprinzi, P.D. - Loenneke, J.P. - Hamilton, D.L.: Leisure time sedentary behavior, physical activity and frequency of protein consumption on lower extremity strength and lean mass. In: *European journal of clinical nutrition*, roč. 71, č. 12, 2017, s. 1399-1404 - SCI
- [o1] 2018 Musci, R.V. - Hamilton, K.L. - Miller, B.F.: Targeting mitochondrial function and proteostasis to mitigate dynapenia. In: *European journal of applied physiology*, roč. 118, č. 1, 2018, s. 1-9 - SCOPUS ; SCI
- [o1] 2018 Martin-Rincon, M. - Morales-Alamo, D. - Calbet, J.A.L.: Exercise-mediated modulation of autophagy in skeletal muscle. In: *Scandinavian journal of medicine and science in sports*, roč. 28, č. 3, 2018, s. 772-781 - SCOPUS ; SCI
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- [o1] 2018 Bellezza, I. - Giambanco, I. - Minelli, A. - Donato, R.: Nrf2-Keap1 signaling in oxidative and reductive stress. In: *Biochimica et biophysica acta-molecular cell research*, roč. 1865, č. 5, 2018, s. 721-733 - SCOPUS ; SCI
- [o1] 2018 Perkin, O.J. - McGuigan, P.M. - Thompson, D. - Stokes, K.A.: Habitual physical activity levels do not predict leg strength and power in healthy, active older adults. In: *PLoS ONE*, roč. 13, č. 7, 2018, s. Article number e0200089 - SCOPUS ; SCI
- [o1] 2018 Berg, O.K. - Nyberg, S.K. - Windedal, T.M. - Wang, E.P.: Maximal strength training-induced improvements in forearm work efficiency are associated with reduced blood flow. In: *American journal of physiology - Heart and circulatory physiology*, roč. 314, č. 4, 2018, s. H853-H862 - SCOPUS ; SCI
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- [o1] 2018 Suzuki, T. - Ikeda, M. - Minami, M. - Matayoshi, Y. - Nakao, M. - Nakamura, T. - Abo, M.: Beneficial effect of intradialytic electrical muscle stimulation in hemodialysis patients : a randomized controlled trial. In: *Artificial organs*, roč. 42, č. 9, 2018, s. 899-910 - SCI ; SCOPUS
- [o1] 2018 Andreani, C. - Bartolacci, C. - Guescini, M. - Battistelli, M. - Stocchi, V. - Orlando, F. - Provinciali, M. - Amici, A. - Marchini, C. - Tiano, L. - Orlando, P. - Silvestri, S.: Combination of coenzyme Q(10) intake and moderate physical activity counteracts mitochondrial dysfunctions in a SAMP8 mouse model. In: *Oxidative medicine and cellular longevity*, roč. 2018, č. October, 2018, s. Article number 8936251 - SCI ; SCOPUS

ADC10 Kүүsmaa, Maria (20%) - Schumann, M. (10%) - Sedliak, Milan [UKOTVKKA] (10%) - Kraemer, Wiliam J. (10%) - Newton, Robert U. (10%) - Malinen, J. P. (10%) - Nyman, K. (10%) - Häkkinen, A. (10%) - Häkkinen, Keijo (10%): Effects of morning versus evening combined strength and endurance training on physical performance, muscle hypertrophy, and serum hormone concentrations  
Lit. 47 zázna.  
In: *Applied physiology, nutrition and metabolism*. - Roč. 41, č. 12 (2016), s. 1285-1294. - ISSN 1715-5312  
*Registrované v:* wos  
*Registrované v:* scopus

*Indikátor časopisu:*

IF (JCR) 2016=2,518

SJR (SCOPUS) 2016=0,889

SNIP (SCOPUS) 2016=0,750

CiteScore (SCOPUS) 2016=1,83

*Ohlasy (6):*

[o1] 2018 Kentiba, E. - Mondal, S. - Mathivanan, D.: The effect of two different concurrent training programs on strength and power gains in highly-trained individuals. In: Journal of sports science and medicine, roč. 17, č. 2, 2018, s. 167-173 - SCI ; SCOPUS

[o1] 2017 Junior, R.M. - Berton, R. - de Souza, T.M.F. - Chacon-Mikahil, M.P.T. - Cavaglieri, C.R.: Effect of the flexibility training performed immediately before resistance training on muscle hypertrophy, maximum strength and flexibility. In: European journal of applied physiology, roč. 117, č. 4, 2017, s. 767-774 - SCI ; SCOPUS

[o1] 2018 Krčmářová, B. - Krčmář, M. - Schwarzková, M. - Chlebo, P. - Chlebová, Z. - Židek, R. - Kolesářová, A. - Zbyňovská, K. - Kováčiková, E. - Walker, S.: The effects of 12-week progressive strength training on strength, functional capacity, metabolic biomarkers, and serum hormone concentrations in healthy older women : morning versus evening training. In: Chronobiology international, roč. 35, č. 11, 2018, s. 1490-1502 - SCI ; SCOPUS

[o1] 2019 Heden, T.D. - Kanaley, J.A.: Syncing exercise with meals and circadian clocks. In: Exercise and sport sciences reviews, roč. 47, č. 1, 2019, s. 22-28 - SCI ; SCOPUS

[o1] 2018 Lewis, P. - Korf, H.W. - Kuffer, L. - Gross, J.V. - Erren, T.C.: Exercise time cues (zeitgebers) for human circadian systems can foster health and improve performance : a systematic review. In: BMJ open sport and exercise medicine, roč. 4, č. 1, 2018, s. Article number e000443 - SCOPUS

[o1] 2018 Petré, H. - Löfving, P. - Psilander, N.: The effect of two different concurrent training programs on strength and power gains in highly-trained individuals. In: Journal of sports science and medicine, roč. 17, č. 2, 2018, s. 167-173- SCI ; SCOPUS

ADC11 Sedliak, Milan [UKOTVKKA] (30%) - Zeman, Michal [UKOPRBZF] (10%) - Buzgó, Gabriel [UKOTVKKA] (10%) - Cvečka, Ján [UKOTVDKCH] (10%) - Hamar, Dušan [UKOTVKKA] (5%) - Laczó, Eugen [UKOTVKLA] (5%) - Okuliarová, Monika [UKOPRBZF] (8%) - Vanderka, Marián [UKOTVKLA] (5%) - Kampmiller, Tomáš [UKOTVKLA] (5%) - Häkkinen, Keijo (2%) - Ahtiainen, Juha P. (2%) - Hulmi, Juha J. (2%) - Nilsen, Tormod Skogstad (2%) - Wiig, Havard (2%) - Raastad, Truls (2%): Morphological, molecular and hormonal adaptations to early morning versus afternoon resistance training

Lit.: 56 zázn.

In: Chronobiology international. - Roč. 35, č. 4 (2018), s. 450-464. - ISSN (print) 0742-0528

Registrované v: wos

Registrované v: scopus

*Indikátor časopisu:*

IF (JCR) 2017=2,643

SNIP (SCOPUS) 2017=0,930

SJR (SCOPUS) 2017=1,086

*Kvartil Q:*

wos-jcr -- Q2 [biology] ; Q2 [physiology] -- 2016

*Ohlasy (2):*

[o1] 2018 Camera, D.M.: Anabolic heterogeneity following resistance training : a role for circadian rhythm?. In: Frontiers in physiology, roč. 9, č. May, 2018, s. Article number 569 - SCI ; SCOPUS

[o1] 2018 Krčmářová, B. - Krčmář, M. - Schwarzková, M. - Chlebo, P. - Chlebová, Z. - Židek, R. - Kolesářová, A. - Zbyňovská, K. - Kováčiková, E. - Walker, S.: The effects of 12-week progressive strength training on strength, functional capacity, metabolic biomarkers, and serum hormone concentrations in healthy older women : morning versus evening training. In: Chronobiology international, roč. 35, č. 11, 2018, s. 1490-1502 - SCI ; SCOPUS

## ADE Vedecké práce v ostatných zahraničných časopisoch

ADE01 Lipková, Janka [UKOTVKKA] (40%) - Sedliak, Milan [UKOTVKKA] (30%) - Schickhofer, Peter [UKOTVKKA] (30%): Diurnal variation in strength and speed  
In: Homeostasis in health and disease. - Roč. 41, č. 1-2 (2001), s. 76-77. - ISSN 0960-7560  
Registrované v: scopus  
Indikátor časopisu:  
SJR (SCOPUS) [2009-0,109]

ADE02 Sedliak, Milan [UKOTVKKA] (85%) - Finni, Taija (5%) - Peltonen, Jussi (5%) - Häkkinen, Keijo (5%):  
Effect of time-of-day-specific strength training on maximum strength and EMG activity of the leg extensors in men  
Lit. 27 zázn.  
In: Journal of sports sciences. - Roč. 26, č. 10 (2008), s. 1005-1014. - ISSN 0264-0414  
Registrované v: scopus  
Registrované v: wos  
Indikátor časopisu:  
IF (JCR) 2008=1,625  
SJR (SCOPUS) 2008=1,014  
SNIP (SCOPUS) 2008=1,435  
CiteScore (SCOPUS) [2011-2,34]  
Ohlasy (21):  
[o1] 2009 Zhang, X. - Dube, T.J. - Esser, K.A.: Working around the clock : circadian rhythms and skeletal muscle. In: Journal of applied physiology, roč. 107, č. 5, 2009, s. 1647-1654 - SCI ; SCOPUS  
[o1] 2010 Hayes, L.D. - Bickerstaff, G.F. - Baker, J.S.: Interactions of cortisol, testosterone, and resistance training : influence of circadian rhythms. In: Chronobiology international, roč. 27, č. 4, 2010, s. 675-705 - SCI ; SCOPUS  
[o1] 2011 Teo, W. - McGuigan, M.R. - Newton, M.J.: The effects of circadian rhythmicity of salivary cortisol and testosterone on maximal isometric force, maximal dynamic force, and power output. In: Journal of strength and conditioning research, roč. 25, č. 6, 2011, s. 1538-1545 - SCI ; SCOPUS  
[o1] 2011 Teo, W. - Newton, M.J. - McGuigan, M.R.: Circadian rhythms in exercise performance : implications for hormonal and muscular adaptation. In: Journal of sports science and medicine, roč. 10, č. 4, 2011, s. 600-606 - SCI ; SCOPUS  
[o1] 2012 Chtourou, H. - Driss, T. - Souissi, S. - Gam, A. - Chaouachi, A. - Souissi, N.: The effect of strength training at the same time of the day on the diurnal fluctuations of muscular anaerobic performances. In: Journal of strength and conditioning research, roč. 26, č. 1, 2012, s. 217-225 - SCI ; SCOPUS  
[o1] 2012 Chtourou, H. - Chaouachi, A. - Driss, T. - Dogui, M. - Behm, D.G. - Chamari, K. - Souissi, N.: The effect of training at the same time of day and tapering period on the diurnal variation of short exercise performances. In: Journal of strength and conditioning research, roč. 26, č. 3, 2012, s. 697-708 - SCI ; SCOPUS  
[o1] 2012 Souissi, H. - Chtourou, H. - Chaouachi, A. - Dogui, M. - Chamari, K. - Souissi, N. - Amri, M.: The effect of training at a specific time-of-day on the diurnal variations of short-term exercise performances in 10- to 11-year-old boys. In: Pediatric exercise science, roč. 24, č. 1, 2012, s. 84-99 - SCI ; SCOPUS  
[o1] 2012 Chtourou, H. - Souissi, N.: The effect of training at a specific time of day : a review. In: Journal of strength and conditioning research, roč. 26, č. 7, 2012, s. 1984-2005 - SCI ; SCOPUS  
[o1] 2014 Pallarés, J.G. - López-Samanes, A. - Moreno, J. - Fernández-Elías, V.E. - Ortega, J.F. - Mora-Rodríguez, R.: Circadian rhythm effects on neuromuscular and sprint swimming performance. In: Biological rhythm research, roč. 45, č. 1, 2014, s. 51-60 - SCI ; SCOPUS  
[o1] 2014 Váczí, M. - Nagy, S.A. - Koszegi, T. - Ambrus, M. - Bogner, P. - Perlaki, G. - Orsi, G. - Tóth, K. - Hortobágyi, T.: Mechanical, hormonal, and hypertrophic adaptations to 10 weeks of eccentric and stretch-shortening cycle exercise training in old males. In: Experimental gerontology, roč. 58, č. October, 2014, s. 69-77 - SCI ; SCOPUS  
[o1] 2014 West, D.J. - Cook, C.J. - Beaven, M.C. - Kilduff, L.P.: The influence of the time of day on core temperature and lower body power output in elite rugby union sevens players. In: Journal of strength and conditioning research, roč. 28, č. 6, 2014, s. 1524-1528 - SCI ; SCOPUS

- [o1] 2015 Chtourou, H. - Ammar, A. - Nikolaidis, P.T. - Abdel Karim, O. - Souissi, N. - Chamari, K. - Chaouachi, A.: Post-resistance training detraining : time-of-day effects on training and testing outcomes. In: Biological rhythm research, roč. 46, č. 6, 2015, s. 897-907 - SCI ; SCOPUS
- [o1] 2015 Mora-Rodríguez, R. - Pallarés, J.G. - López-Gullón, J.M. - López-Samanes, Á. - Fernández-Eliás, V.E. - Ortega, J.F.: Improvements on neuromuscular performance with caffeine ingestion depend on the time-of-day. In: Journal of science and medicine in sport, roč. 18, č. 3, 2015, s. 338-342 - SCI ; SCOPUS
- [o1] 2016 Ferchichi, S. - Taktak, Y. - Taktak, H. - Chtourou, H. - Zarrouk, F. - Tabka, Z. - Souissi, N.: The effect of training at the same time-of-day on the diurnal variations of technical ability and swimming performance. In: Biological rhythm research, roč. 47, č. 3, 2016, s. 447-461 - SCI ; SCOPUS
- [o1] 2016 Burley, S.D. - Whittingham-Dowd, J. - Allen, J. - Grosset, J.F. - Onambe-Pearson, G.L.: The differential hormonal milieu of morning versus evening may have an impact on muscle hypertrophic potential. In: PLoS ONE, roč. 11, č. 9, 2016, s. Article number e0161500 - SCI ; SCOPUS
- [o1] 2017 Gueldich, H. - Zarrouk, N. - Chtourou, H. - Zghal, F. - Sahli, S. - Rebai, H.: Electrostimulation training effects on diurnal fluctuations of neuromuscular performance. In: International journal of sports medicine, roč. 38, č. 1, 2017, s. 41-47 - SCI ; SCOPUS
- [o1] 2017 Boussetta, N. - Abedelmalek, S. - Aloui, K. - Souissi, Ne - Souissi, Ni: The effect of strength training by electrostimulation at a specific time of day on immune response and anaerobic performances during short-term maximal exercise. In: Biological rhythm research, roč. 48, č. 1, 2017, s. 157-174 - SCI ; SCOPUS
- [o1] 2018 Jaafar, H. - Lajili, H.: Separate and combined effects of time of day and verbal instruction on knee extensor neuromuscular adjustments. In: Applied physiology, nutrition and metabolism, roč. 43, č. 1, 2018, s. 54-62 - SCI ; SCOPUS
- [o1] 2018 Anderson, A. - Murray, G. - Herlihy, M. - Weiss, C. - King, J. - Hutchinson, E. - Albert, N. - Ingram, K.K.: Circadian effects on performance and effort in collegiate swimmers. In: Journal of circadian rhythms, roč. 16, č. 1, 2018, s. Article number 8 - SCOPUS
- [o1] 2012 Mora-Rodríguez, R. - Pallarés, J. G. - López-Samanes, A. - Ortega, J. F. - Fernández-Eliás, V. E.: Caffeine ingestion reverses the circadian rhythm effects on neuromuscular performance in highly resistance-trained men. In: PLoS ONE, roč. 7, č. 4, 2012, s. Article number e33807 - SCI ; SCOPUS
- [o1] 2018 Robertson, C.M. - Pullinger, S.A. - Robinson, W.R. - Smith, M.E. - Burniston, J.G. - Waterhouse, J.M. - Edwards, B.J.: Is the diurnal variation in muscle force output detected/detectable when multi-joint movements are analysed using the musclelab force-velocity encoder?. In: Chronobiology international, roč. 35, č. 10, 2018, s. 1391-1401 - SCI ; SCOPUS

ADE03 Sedliak, Milan [UKOTVKKKA] (55%) - Finni, Taija (12,5%) - Cheng, Sulin (12,5%) - Lind, Markus (10%) - Häkkinen, Keijo (10%): Effect of time-of-day-specific strength training on muscular hypertrophy in men In: Journal of strength and conditioning research. - Roč. 23, č. 9 (2009), s. 2451-2457. - ISSN 1064-8011

*Registrované v:* scopus

*Registrované v:* wos

*Indikátor časopisu:*

IF (JCR) 2009=1,457

SJR (SCOPUS) 2009=1,029

SNIP (SCOPUS) 2009=1,238

CiteScore (SCOPUS) [2011-2,19]

*Ohlasy (20):*

[o1] 2010 Romero, F.G. - Lira, F.S. - Marques, F.A. - Muzy, P.C. - Peres, R.A.N. - Caperuto, T.C.: PAKs supplement improves immune status and body composition but not muscle strength in resistance trained individuals. In: Journal of the international society of sports nutrition, roč. 7, č. November, 2010, s. Article number 36 - SCI ; SCOPUS

[o1] 2012 Chtourou, H. - Chaouachi, A. - Driss, T. - Dogui, M. - Behm, D.G. - Chamari, K. - Souissi, N.: The effect of training at the same time of day and tapering period on the diurnal variation of short exercise performances. In: Journal of strength and conditioning research, roč. 26, č. 3, 2012, s. 697-708 - SCI ; SCOPUS

[o1] 2012 Souissi, H. - Chtourou, H. - Chaouachi, A. - Dogui, M. - Chamari, K. - Souissi, N. - Amri, M.: The effect of training at a specific time-of-day on the diurnal variations of short-term exercise performances in 10- to 11-year-old boys. In: Pediatric exercise science, roč. 24, č. 1, 2012, s. 84-99 - SCI ; SCOPUS

- [o1] 2012 Chtourou, H. - Souissi, N.: The effect of training at a specific time of day: a review. In: Journal of strength and conditioning research, roč. 26, č. 7, 2012, s. 1984-2005 - SCI ; SCOPUS
- [o1] 2012 Chaouachi, A. - Leiper, J.B. - Chtourou, H. - Aziz, A.R. - Chamari, K.: The effects of ramadan intermittent fasting on athletic performance : recommendations for the maintenance of physical fitness. In: Journal of sports sciences, roč. 30, č. Supplement 1, 2012, s. S53-S73 - SCI ; SCOPUS
- [o1] 2012 Chtourou, H. - Driss, T. - Souissi, S. - Gam, A. - Chaouachi, A. - Souissi, N.: The effect of strength training at the same time of the day on the diurnal fluctuations of muscular anaerobic performances. In: Journal of strength and conditioning research, roč. 26, č. 1, 2012, s. 217-225 - SCI ; SCOPUS
- [o1] 2014 West, D.J. - Cook, C.J. - Beaven, M.C. - Kilduff, L.P.: The influence of the time of day on core temperature and lower body power output in elite rugby union sevens players. In: Journal of strength and conditioning research, roč. 28, č. 6, 2014, s. 1524-1528 - SCI ; SCOPUS
- [o1] 2015 Mayeuf-Louchart, A. - Staels, B. - Duez, H.: Skeletal muscle functions around the clock. In: Diabetes, obesity and metabolism, roč. 17, č. S1, 2015, s. 39-46 - SCI ; SCOPUS
- [o1] 2015 Chtourou, H. - Ammar, A. - Nikolaidis, P.T. - Abdel Karim, O. - Souissi, N. - Chamari, K. - Chaouachi, A.: Post-resistance training detraining : time-of-day effects on training and testing outcomes. In: Biological rhythm research, roč. 46, č. 6, 2015, s. 897-907 - SCI ; SCOPUS
- [o1] 2016 Zbidi, S. - Zinoubi, B. - Vandewalle, H. - Driss, T.: Diurnal rhythm of muscular strength depends on temporal specificity of self-resistance training. In: Journal of strength and conditioning research, roč. 30, č. 3, 2016, s. 717-724 - SCI ; SCOPUS
- [o1] 2016 Ferchichi, S. - Taktak, Y. - Taktak, H. - Chtourou, H. - Zarrouk, F. - Tabka, Z. - Souissi, N.: The effect of training at the same time-of-day on the diurnal variations of technical ability and swimming performance. In: Biological rhythm research, roč. 47, č. 3, 2016, s. 447-461 - SCI ; SCOPUS ; PubMed
- [o1] 2016 Goljanek-Whysall, K. - Iwanejko, L.A. - Vasilaki, A. - Pekovic-Vaughan, V. - McDonagh, B.: Ageing in relation to skeletal muscle dysfunction : redox homeostasis to regulation of gene expression. In: Mammalian genome, roč. 27, č. 7-8, 2016, s. 341-357 - SCI ; SCOPUS
- [o1] 2016 Burley, S.D. - Whittingham-Dowd, J. - Allen, J. - Grosset, J.F. - Onambele-Pearson, G.L.: The differential hormonal milieu of morning versus evening may have an impact on muscle hypertrophic potential. In: PLoS ONE, roč. 11, č. 9, 2016, s. Article number e0161500 - SCI ; SCOPUS
- [o1] 2016 Drummond, M.D. - Szmuchrowski, L.A. - Goulart, K.N. - Couto, B.P.: Effect of strength training on regional hypertrophy of the elbow flexor muscles. In: Muscle and nerve, roč. 54, č. 4, 2016, s. 750-755 - SCI ; SCOPUS ; PubMed
- [o1] 2017 Gueldich, H. - Zarrouk, N. - Chtourou, H. - Zghal, F. - Sahli, S. - Rebai, H.: Electrostimulation training effects on diurnal fluctuations of neuromuscular performance. In: International journal of sports medicine, roč. 38, č. 1, 2017, s. 41-47 - SCI ; SCOPUS
- [o1] 2017 Boussetta, N. - Abedelmalek, S. - Aloui, K. - Souissi, Ne - Souissi, Ni: The effect of strength training by electrostimulation at a specific time of day on immune response and anaerobic performances during short-term maximal exercise. In: Biological rhythm research, roč. 48, č. 1, 2017, s. 157-174 - SCI ; SCOPUS
- [o4] 2017 Kondrátová, D. - Pivovarniček, P. - Hank, M. - Jančoková, L.: Účinky diurnálnych intervencií na parametre telesného zloženia vysokoškolských študentiek = Effects of diurnal interventions on body composition parameters of female university students. In: Kondičný tréning v roku 2017. Banská Bystrica : Slovenská asociácia kondičných trénerov a Univerzita Mateja Bela KTVŠ FF, 2017, S. 259
- [o1] 2018 Camera, D.M.: Anabolic heterogeneity following resistance training : a role for circadian rhythm?. In: Frontiers in physiology, roč. 9, č. May, 2018, s. Article number 569 - SCI ; SCOPUS
- [o1] 2018 Ocampo, N.V. - Ramírez-Villada, J.F. - Camera, D.M.: Effects of muscular strength training programs on functional performance : systematic review = El efecto de los programas de fuerza muscular sobre la capacidad funcional : revisión sistemática. In: Revista facultad de medicina, roč. 66, č. 3, 2018, s. 399-410 - SCI ; SCOPUS
- [o1] 2018 Krčmárová, B. - Krčmár, M. - Schwarzová, M. - Chlebo, P. - Chlebová, Z. - Židek, R. - Kolesárová, A. - Zbyňovská, K. - Kováčiková, E. - Walker, S.: The effects of 12-week progressive strength training on strength, functional capacity, metabolic biomarkers, and serum hormone concentrations in healthy older women : morning versus evening training. In: Chronobiology international, roč. 35, č. 11, 2018, s. 1490-1502 - SCI ; SCOPUS



- ADE04 Kern, Helmut (20%) - Loeffler, Stefan (2%) - Burggraf, Samantha (2%) - Fruhmann, Hannah (2%) - Cvečka, Ján [UKOTVDKCH] (15%) - Sedliak, Milan [UKOTVKKA] (15%) - Barberi, Laura (5%) - De Rossi, Manuela (5%) - Musaró, Antonio (10%) - Carraro, Ugo (2%) - Mosole, Simone (2%) - Zampieri, Sandra (20%): Elektrostimulation verhindert die altersbedingte Atrophie der Muskulatur beim Menschen  
Popis urobený 27.6.2013  
Lit. 33 záz. n.  
In: European Journal of Translational Myology - BAM [elektronický dokument]. - Roč. 23, č. 3 (2013), s. 105-108 [online]. - ISSN 2037-7460  
URL: <http://www.bio.unipd.it/bam/>  
URL: <http://www.bio.unipd.it/~bam/PDF/23-3/Kern.pdf>
- ADE05 Nejc, Sarabon (20%) - Loeffler, Stefan (20%) - Cvečka, Ján [UKOTVDKCH] (20%) - Sedliak, Milan [UKOTVKKA] (20%) - Kern, Helmut (20%): Strength training in elderly people improves static balance : a randomized controlled trial  
Popis urobený 27.6.2013  
Lit. 30 záz. n.  
In: European journal of translational myology - BAM [elektronický dokument]. - Roč. 23, č. 3 (2013), s. 85-89 [online]. - ISSN 2037-7460  
URL: <http://www.bio.unipd.it/bam/>  
URL: <https://www.pagepressjournals.org/index.php/bam/article/viewFile/bam.2013.3.85/1274>
- ADE06 Sedliak, Milan [UKOTVKKA] (25%) - Cvečka, Ján [UKOTVDKCH] (22%) - Tirpáková, Veronika (22%) - Löffler, Stefan (3%) - Nejc, Sarabon (2%) - Kern, Helmut (4%) - Hamar, Dušan [UKOTVKKA] (22%): Reliability of novel postural sway task test  
Popis urobený 27.6.2013  
Lit. 18 záz. n.  
In: European journal of translational myology - BAM [elektronický dokument]. - Roč. 23, č. 3 (2013), s. 81-84 [online]. - ISSN 2037-7460  
URL: <https://www.pagepressjournals.org/index.php/bam/issue/archive>  
URL: <http://www.pagepressjournals.org/index.php/bam/article/view/bam.2013.3.81>
- ADE07 Zampieri, Sandra (10%) - Mosole, Simone (8%) - Löffler, Stefan (8%) - Fruhmann, Hannah (8%) - Burggraf, Samantha (8%) - Cvečka, Ján [UKOTVDKCH] (8%) - Hamar, Dušan [UKOTVKKA] (8%) - Sedliak, Milan [UKOTVKKA] (8%) - Tirpáková, Veronika (8%) - Šarabon, Nejc (8%) - Mayr, Winfrid (8%) - Kern, Helmut (10%): Physical exercise in aging : nine weeks of leg press or electrical stimulation training in 70 years old sedentary elderly people  
Lit. 9 záz. n.  
In: European journal of translational myology - BAM [elektronický dokument]. - Roč. 25, č. 4 (2015), s. 237-242 [online]. - ISSN 2037-7460  
URL: <http://www.bio.unipd.it/bam/bam.html>  
URL: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4748981/>

#### **ADF Vedecké práce v ostatných domácich časopisoch**

- ADF01 Sedliak, Milan [UKOTVKKA] (50%) - Lipková, Janka [UKOTVKKA] (50%): Zmeny v lateralite dolných končatín pri tappingu počas dňa  
Lit. 7 záz. n.  
In: Telesná výchova & šport. - Roč. 12, č. 3 (2002), s. 21-23. - ISSN (print) 1335-2245  
*Ohlasy (1):*  
[o4] 2016 Mlsnová, G.: Vplyv laterality na disjunktívne reakčno-rýchlostné schopnosti dolných končatín úpolistov špecializujúcich sa na sebaobranu. In: Sebaobrana a jej súčasné uplatňovanie v praxi. Bratislava : Akadémia Policajného zboru, 2016, S. 134

ADF02 Kovárová, Jana [UKOTVDKCH] (40%) - Hamar, Dušan [UKOTVKKKA] (20%) - Sedliak, Milan [UKOTVKKKA] (10%) - Cvečka, Ján [UKOTVDKCH] (10%) - Schickhofer, Peter [UKOTVKKKA] (10%) - Böhmerová, Eubica [UKOTVKKKA] (10%): Acute response of bone metabolism to various resistance exercises in women = Akútna odozva kostného metabolizmu na jednorazové silové zaťaženie žien  
Lit. 7 záz. n.  
In: Acta Facultatis Educationis Physicae Universitatis Comenianae [elektronický dokument]. - Roč. 55, č. 1 (2015), s. 11-19 [online]. - ISSN 0520-7371  
URL: <https://www.degruyter.com/downloadpdf/j/afepuc.2015.55.issue-1/afepuc-2015-0002/afepuc-2015-0002.pdf>  
URL: <https://content.sciendo.com/view/journals/afepuc/55/1/afepuc.55.issue-1.xml>

ADF03 Skalná, Zuzana (40%) - Senko, Tomáš [UKOPRBZF] (15%) - Olexová, Lucia [UKOPRBZF] (10%) - Sedliak, Milan [UKOTVKKKA] (10%) - Kršková, Lucia [UKOPRBZF] (25%): Vplyv miery prenatálnej expozície testosterónu a jeho postnatálnej koncentrácie na počet sexuálnych partneriek a schopnosť empatizácie u mužov zo Slovenska = The influence of prenatal and postnatal levels of testosterone on the number of sexual partners and the empathy in men from Slovakia  
Lit.: 37 záz. n., 2 obr.  
In: Slovenská antropológia. - Roč. 20, č. 2 (2017), s. 42-49. - ISSN 1336-5827

ADF04 Sedliak, Milan [UKOTVKKKA] (60%) - Ukropcová, Barbara [UKOLF] (20%) - Payer, Juraj [UKOLF5IK] (20%): Endokrinné a metabolické účinky fyzického tréningu pacientov s hypogonadizmom = Endocrine and metabolic effects of exercise in patients with hypogonadism  
Lit.: 16 záz. n.  
In: Via practica. - Roč. 15, č. 4 (2018), s. 175-178. - ISSN (print) 1336-4790  
URL: [http://www.viapractica.sk/index.php?page=magazine\\_detail&magazine\\_id=1](http://www.viapractica.sk/index.php?page=magazine_detail&magazine_id=1)

#### **ADM Vedecké práce v zahraničných časopisoch registrovaných v databázach Web of Science alebo SCOPUS**

ADM01 Cvečka, Ján [UKOTVDKCH] (30%) - Tirpáková, Veronika (20%) - Sedliak, Milan [UKOTVKKKA] (20%) - Kern, Helmut (5%) - Mayr, Winfried (5%) - Hamar, Dušan [UKOTVKKKA] (20%): Physical activity in elderly  
Lit. 17 záz. n.  
In: European journal of translational myology - BAM [elektronický dokument]. - Roč. 25, č. 4 (2015), s. 249-252 [online]. - ISSN 2037-7460  
URL: <http://www.bio.unipd.it/bam/bam.html>  
URL: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4748979/>  
*Registrované v:* wos

ADM02 Krumpolec, Patrik [UKOPRBZF] (10%) - Vallová, Silvia [UKOLFUPF] (8%) - Slobodová, Lucia [UKOLFUPF] (7%) - Tirpáková, Veronika (7%) - Vajda, Matej [UKOTVKKKA] (4%) - Schön, Martin [UKOLFUPF] (3%) - Klepochová, Radka (2%) - Kovaničová, Zuzana [UKOLFUPF] (3%) - Straka, Igor [UKOLF2NK] (2%) - Šutovský, Stanislav [UKOLF1NK] (2%) - Turčáni, Peter [UKOLF1NK] (2%) - Cvečka, Ján [UKOTVDKCH] (2%) - Valkovič, Ladislav (2%) - Tsai, Chia-Liang (5%) - Krššák, Martin (4%) - Valkovič, Peter [UKOLF2NK] (6%) - Sedliak, Milan [UKOTVKKKA] (7%) - Ukropcová, Barbara [UKOLF] (12%) - Ukropec, Jozef (12%): Aerobic-strength exercise improves metabolism and clinical state in parkinson's disease patients [elektronický dokument]  
Lit.: 53 záz. n.  
In: Frontiers in neurology [elektronický dokument]. - Roč. 8, č. DEC (2017), s. [1-15], art. no. 698 [online]. - ISSN (online) 1664-2295  
URL: <https://www.frontiersin.org/articles/10.3389/fneur.2017.00698/full>  
*Registrované v:* scopus  
*Registrované v:* wos

*Indikátor časopisu:*

IF (JCR) 2017=3,508

SNIP (SCOPUS) 2017=1,124

SJR (SCOPUS) 2017=1,402

*Ohlasy (3):*

[o1] 2018 Sabino-Carvalho, J.L. - Teixeira, A.L. - Samora, M. - Daher, M. - Vianna, L.C.: Blunted cardiovascular responses to exercise in parkinson's disease patients : role of the muscle metaboreflex. In: Journal of neurophysiology, roč. 120,č. 4, 2018, s. 1516-1524 - SCI ; SCOPUS

[o1] 2018 Morris, T.P. - Costa-Miserachs, D. - Rodriguez-Rajo, P. - Finestres, J. - Bernabeu, M. - Gomes-Osman, J. - Pascual-Leone, A. - Tormos-Munoz, J.M.: Feasibility of aerobic exercise in the subacute phase of recovery from traumatic braininjury : a case series. In: Journal of neurologic physical therapy, roč. 42, č. 4, 2018, s. 268-275 - SCI ; SCOPUS

[o1] 2019 Crowley, E.K. - Nolan, Y.M. - Sullivan, A.M.: Exercise as a therapeutic intervention for motor and non-motor symptoms in parkinson's disease : evidence from rodent models. In: Progress in neurobiology, roč. 172, č. January, 2019, s. 2-22 - SCOPUS

ADM03 Vajda, Matej [UKOTVKKA] (30%) - Kovárová, Jana [UKOTVDKCH] (15%) - Okuliarová, Monika [UKOPRBZF] (5%) - Cvečka, Ján [UKOTVDKCH] (5%) - Schickhofer, Peter [UKOTVKKA] (5%) - Böhmerová, Eubica [UKOTVKKA] (5%) - Vanderka, Marián [UKOTVKLA] (5%) - Kampmiller, Tomáš [UKOTVKLA] (5%) - Hamar, Dušan [UKOTVKKA] (5%) - Zeman, Michal [UKOPRBZF] (5%) - Sedliak, Milan [UKOTVKKA] (15%): Acute hormonal and neuromuscular response to different resistance loading in young preand middle-aged postmenopausal women

Lit.: 44 zázn.

In: Gazzetta medica italiana. Archivio per le scienze mediche. - Roč. 177, č. 9 (2018), s. 443-451. - ISSN (print) 0393-3660

URL: <https://www.minervamedica.it/en/journals/gazzetta-medica-italiana/article.php?cod=R22Y2018N09A0443>

*Registrované v:* scopus

*Registrované v:* wos

*Indikátor časopisu:*

IF (JCR) 2017=0,000

SNIP (SCOPUS) 2017=0,047

SJR (SCOPUS) 2017=0,115

### **BCI Skriptá a učebné texty**

BCI01 Sedliak, Milan [UKOTVKKA] (100%) : Doping v športe. - 1. vyd. - Bratislava : ICM Agency, 2018. - 81 s. [3,42 AH]

Lit.: 37 zázn.

ISBN 978-80-89257-80-5

### **BCK Kapitoly v učebniciach a učebných textoch**

BCK01 Sedliak, Milan [UKOTVKKA] (100%) : Biologické aspekty športového tréningu vo vzpieraní

Lit. 68 zázn.

In: Vzpieranie 1. : učebné texty pre trénerov. - Bratislava : ICM Agency, 2012. - S. 6-23 [1 AH]. - ISBN 978-80-89257-56-0

### **DAI Dizertačné a habilitačné práce**

DAI01 Sedliak, Milan [UKOTVKKA] (100%) : Neuromuscular and hormonal adaptations to resistance training : special effects of time of day of training. - Jyväskylä : University of Jyväskylä, 2009. - 84 s., prílohy 107 s.

Doktorandská dizertačná práca (PhD.) - University of Jyväskylä , Jyväskylä, 2009

Lit. 175 zázn.

**Štatistika kategórií (Záznamov spolu: 137, z nich je v prehľade uvedených 33):**

- AAB Vedecké monografie vydané v domácich vydavateľstvách (1)
- ABC Kapitoly vo vedeckých monografiách vydané v zahraničných vydavateľstvách (2)
- ABD Kapitoly vo vedeckých monografiách vydané v domácich vydavateľstvách (2)
- ADC Vedecké práce v zahraničných karentovaných časopisoch (11)
- ADE Vedecké práce v ostatných zahraničných časopisoch (7)
- ADF Vedecké práce v ostatných domácich časopisoch (4)
- ADM Vedecké práce v zahraničných časopisoch registrovaných v databázach Web of Science alebo SCOPUS (3)
- BCI Skriptá a učebné texty (1)
- BCK Kapitoly v učebniciach a učebných textoch (1)
- DAI Dizertačné a habilitačné práce (1)

**Štatistika ohlasov (210):**

- [o1] Citácie v zahraničných publikáciách registrované v citačných indexoch (199)
- [o3] Citácie v zahraničných publikáciách neregistrované v citačných indexoch (6)
- [o4] Citácie v domácich publikáciách neregistrované v citačných indexoch (5)

**Štatistika kategórií prác nezahrnutých do prehľadu (Záznamov spolu 104):**

- AED Vedecké práce v domácich recenzovaných vedeckých zborníkoch, monografiách (10)
- AFC Publikované príspevky na zahraničných vedeckých konferenciách (1)
- AFD Publikované príspevky na domácich vedeckých konferenciách (8)
- AFG Abstrakty príspevkov zo zahraničných vedeckých konferencií (36)
- AFH Abstrakty príspevkov z domácich vedeckých konferencií (19)
- AFK Postery zo zahraničných konferencií (4)
- BDF Odborné práce v ostatných domácich časopisoch (2)
- BEF Odborné práce v domácich zborníkoch (konferenčných aj nekonferenčných) (1)
- BFA Abstrakty odborných prác zo zahraničných podujatí (konferencie, ...) (9)
- BFB Abstrakty odborných prác z domácich podujatí (konferencie, ...) (10)
- EDJ Prehľadové práce, odborné práce, preklady noriem; odborné preklady v časopisoch, zborníkoch (1)
- GII Rôzne publikácie a dokumenty, ktoré nemožno zaradiť do žiadnej z predchádzajúcich kategórií (3)