

**UNIVERZITA KOMENSKÉHO
FAKULTA MATEMATIKY, FYZIKY A INFORMATIKY**

Zoznam publikačnej činnosti

Dr. Zuzana Chladná

AAB Vedecké monografie vydané v domácich vydavateľstvách

AAB01 Hudečková, Henrieta [UKOLJ162] (15%) - Ševčovič, Daniel [UKOMFKAMS] (10%) - Baška, Tibor [UKOLJ162] (1%) - Brunovský, Pavol [UKOMFKAMS] (6%) - Chladná, Zuzana [UKOMFKAMS] (15%) - Kilianová, Soňa [UKOMFKAMS] (10%) - Kučminová, Eva (1%) - Malobická, Eva [UKOLJ162] (1%) - Rošková, Dana (1%) - Slezák, Peter (2%) - Strešková, Barbora (1%) - Švihrová, Viera [UKOLJ162] (12%) - Szabóová, Veronika (1%) - Szilágyiová, Mária (1%) - Waczulíková, Iveta [UKOMFKJFB] (15%) - Zibolenová, Jana [UKOLJ] (8%): Biomatematické modelovanie a vyhodnocovanie indikátorov očkovania ochorení preventabilným očkovaním. - 1. vyd. - Bratislava : Iris, 2017. - 179 s.
ISBN 978-80-8200-002-6

ABC Kapitoly vo vedeckých monografiách vydané v zahraničných vydavateľstvách

ABC01 Chladná, Zuzana [UKOMFKAMS] - Moltchanova, Elena - Obersteiner, Michael: Prevention of surprise
Lit. 9 zázň., 8 obr., 1 tab.
In: Extreme Events in Nature Society. - Berlin : Springer, 2006. - S. 295-317. - ISBN 3-540-28610-1
Edícia: The Frontiers Collection
Registrované v: wos
Ohlasy (1):
[o1] 2016 Szolgayová, J. - Fuss, S. - Kaminski, T. - Scholze, M. - Gusti, M. - Heimann, M. - Tavoni, M.: The benefits of investing into improved carbon flux monitoring. In: Cogent Economics and Finance, Vol. 4, No. 1, 2016, art. no. 1239672 -SCI ; SCOPUS

ABC02 Möllersten, Kenneth (40%) - Chladná, Zuzana [UKOMFKAMS] (30%) - Chladný, Miroslav (20%) - Obersteiner, Michael (10%): Negative emission biomass technologies in an uncertain climate future
Lit. 86 zázň.
In: Progress in Biomass and Bioenergy Research. - New York : Nova Science Publishers, 2007. - S. 53-100. - ISBN 1-60021-328-6
Ohlasy (1):
[o1] 2013 Wan, C. - Yu, F. - Zhang, Y. - Li, Q. - Wooten, J.: Material balance and energy balance analysis for syngas generation by a pilot-plant scale downdraft gasifier. In: Journal of Biobased Materials and Bioenergy, Vol. 7, No. 6, 2013, s. 690-695 - SCI ; SCOPUS

ADC Vedecké práce v zahraničných karentovaných časopisoch

ADC01 Chladná, Zuzana [UKOMFKAMS] (100%) : Determination of optimal rotation period under stochastic wood and carbon prices
Lit. 31 zázň., 3 obr., 5 tab.
In: Forest Policy and Economics. - Vol. 9, No. 8 (2007), s. 1031-1045. - ISSN 1389-9341
Registrované v: wos
Registrované v: scopus
Ohlasy (51):
[o1] 2009 Amachers, G. S. - Ollikainen, M. - Koskela, E.: Economics of Forest Resources. Cambridge : MIT Press, 2009, 1-397 - BKCI-S
[o1] 2009 Guthrie, G. - Kumareswaran, D.: Carbon subsidies, taxes and optimal forest management. In: Environmental and Resource Economics, Vol. 43, No. 2, 2009, s. 275-293 - SCI ; SCOPUS
[o1] 2009 Rentizelas, A. - Tolis, A. - Tatsiopoulos, I.: Biomass district energy trigeneration systems: Emissions reduction and financial impact. In: Water, Air, and Soil Pollution: Focus, Vol. 9, No. 1-2, 2009, s. 139-150 - SCOPUS

- [o1] 2009 Thompson, M. P. - Adams, D. - Sessions, J.: Radiative forcing and the optimal rotation age. In: *Ecological Economics*, Vol. 68, No. 10, 2009, s. 2713-2720 - SCI ; SCOPUS
- [o1] 2010 Daigneault, A. J. - Miranda, M.J. - Sohngen, B.: Optimal forest management with carbon sequestration credits and endogenous fire risk. In: *Land Economics*, Vol. 86, No. 1, 2010, s. 155-172 - SCI ; SCOPUS
- [o1] 2010 Petrusek, S. - Perez-Garcia, J.: A Monte Carlo methodology for solving the optimal timber harvest problem with stochastic timber and carbon prices. In: *Mathematical and Computational Forestry and Natural-Resource Sciences*, Vol. 2, No. 2, 2010, s. 67-77 - SCI ; SCOPUS
- [o1] 2010 Xiao, J. - Kang, W. - Yin, S.: A stochastic model and a portfolio approach to the optimal forest management. In: *Proceedings - 3rd International Conference on Business Intelligence and Financial Engineering, BIFE 2010*. Los Alamitos :IEEE, 2010, art. no. 5621760, S. 201-204 - SCOPUS
- [o1] 2010 Xiao, J. - Kang, W. - Yin, S.: Carbon Subsidies: Rent or Purchase?. In: *JP Journal of Biostatistics*, Vol. 4, No. 3, 2010, s. 245-251 - SCI
- [o1] 2011 Asante, P. - Armstrong, G. W. - Adamowicz, W. L.: Carbon sequestration and the optimal forest harvest decision: A dynamic programming approach considering biomass and dead organic matter. In: *Journal of Forest Economics*, Vol. 17, No.1, 2011, s. 3-17 - SCI ; SCOPUS
- [o1] 2009 Szolgayova, J. - Obersteiner, M. - Fuss, S.: Optimal forest management with stochastic prices & endogenous fire risk. In: *Proceedings, 33rd International Symposium on Remote Sensing of Environment, ISRSE 2009*. Tucson : InternationalCenter for Remote Sensing of Environment, 2009, S. 1203-1206 - SCOPUS
- [o1] 2011 Couture, S. - Reynaud, A.: Forest management under fire risk when forest carbon sequestration has value. In: *Ecological Economics*, Vol. 70, No. 11, 2011, s. 2002-2011 - SCI ; SCOPUS
- [o1] 2012 Adams, T. - Turner, J. A.: An investigation into the effects of an emissions trading scheme on forest management and land use in New Zealand. In: *Forest Policy and Economics*, Vol. 15, 2012, s. 78-90 - SCI ; SCOPUS
- [o1] 2012 Creamer, S. F. - Genz, A. - Blatner, K. A.: The effect of fire risk on the critical harvesting times for Pacific Northwest Douglas-fir when carbon price is stochastic. In: *Agricultural and Resource Economics Review*, Vol. 41, No. 3, 2012, s. 313-326 - SCOPUS
- [o1] 2012 Girma, H. M. - Hassan, R. M. - Hertzler, G.: Forest conservation versus conversion under uncertain market and environmental forest benefits in Ethiopia: The case of Sheka forest. In: *Forest Policy and Economics*, Vol. 21, 2012, s.101-107 - SCI ; SCOPUS
- [o1] 2012 Manley, B.: Impact of the New Zealand Emissions Trading Scheme on forest valuation. In: *Forest Policy and Economics*, Vol. 14, No. 1, 2012, s. 83-89 - SCI ; SCOPUS
- [o1] 2012 Yousefpour, R. - Bredahl Jacobsen, J. - Thorsen, B. J. - Meilby, H. - Hanewinkel, M. - Oehler, K.: A review of decision-making approaches to handle uncertainty and risk in adaptive forest management under climate change. In: *Annals of Forest Science*, Vol. 69, No. 1, 2012, s. 1-15 - SCI ; SCOPUS
- [o1] 2013 Castano-Santamaría, J. - Barrio-Anta, M. - Alvarez-Alvarez, P.: Potential above ground biomass production and total tree carbon sequestration in the major forest species in NW Spain. In: *International Forestry Review*, Vol. 15, No. 3, 2013, s. 273-289 - SCI ; SCOPUS
- [o1] 2013 Manley, B.: How does real option value compare with Faustmann value in the context of the New Zealand Emissions Trading Scheme?. In: *Forest Policy and Economics*, Vol. 30, 2013, s. 14-22 - SCI ; SCOPUS
- [o1] 2013 Xiao, J. - Zhai, H.: A portfolio approach for the forest asset dynamic management under stochastic timber price and growth. In: *Applied Mechanics and Materials*, No. 295-298, 2013, s. 2338-2342 - SCI ; SCOPUS
- [o1] 2014 Amacher, G. S.: The forest harvesting problem: Have we reached the limit of our understanding?. In: *Handbook on the Economics of Natural Resources*. Abington : Taylor and Francis, 2014, S. 206-248 - SCOPUS
- [o1] 2014 Amacher, G. S. - Brazeel, R. J.: Risk and uncertainty in forest resources decision making. In: *Handbook on the Economics of Natural Resources*. Abington : Taylor and Francis, 2014, S. 309-321 - SCOPUS
- [o1] 2014 Chang, S. J.: The generalized faustmann formula. In: *Handbook on the Economics of Natural Resources*. Abington : Taylor and Francis, 2014, S. 26-49 - SCOPUS
- [o1] 2014 Khajuria, R. P.: Real option analysis in forest management decision making. In: *Handbook on the Economics of Natural Resources*. Abington : Taylor and Francis, 2014, S. 341-352 - SCOPUS
- [o1] 2014 Sunderasan, S.: Enabling environment: A worm's eye view of environmental finance. In: *Enabling Environment: A Worm's Eye View of Environmental Finance*. [S. l.] : Springer, 2014, S. 1-152 - SCOPUS

- [o1] 2014 Susaeta, A. - Chang, S. J. - Carter, D. R. - Lal, P.: Economics of carbon sequestration under fluctuating economic environment, forest management and technological changes: An application to forest stands in the southern United States. In: *Journal of Forest Economics*, Vol. 20, No. 1, 2014, s. 47-64 - SCI ; SCOPUS
- [o1] 2014 Tee, J. - Scarpa, R. - Marsh, D. - Guthrie, G.: Forest valuation under the New Zealand emissions trading scheme: A real options binomial tree with stochastic carbon and timber prices. In: *Land Economics*, Vol. 90, No. 1, 2014, s. 44-60 - SCI ; SCOPUS
- [o1] 2014 Xiao, J. W. - Jiang, M. J. - Zhai, H.: Comparatively study renting and purchasing carbon subsidies schemes on portfolio and stochastic control theory. In: *Sustainable Development of Industry and Economy, Parts 1, 2 : Advanced Materials Research*, Vol. 869-870. Durten-Zurich : Trans Tech Publications Ltd, 2014, S.1029-1033 - SCI ; SCOPUS
- [o1] 2015 Lutz, D. A. - Howarth, R. B.: The price of snow: Albedo valuation and a case study for forest management. In: *Environmental Research Letters*, Vol. 10, No. 6, 2015, art. no. 064013 - SCI ; SCOPUS
- [o1] 2015 Petrasek, S. - Perez-Garcia, J. - Bare, B. B.: Valuing forestlands with stochastic timber and carbon prices. In: *Annals of Operations Research*, Vol. 232, No. 1, 2015, s. 217-234 - SCI ; SCOPUS
- [o1] 2015 Srinivasan, S.: Economic valuation and option-based payments for ecosystem services. In: *Mitigation and Adaptation Strategies for Global Change*, Vol. 20, No. 7, 2015, s. 1055-1077 - SCOPUS
- [o1] 2016 Chaudhari, U. K. - Kane, M. B. - Wetzstein, M. E.: The Key Literature of, and Trends in, Forestry Investment Decisions Using Real Options Analysis. In: *International Forestry Review*, Vol. 18, No. 2, 2016, s. 146-160 - SCI ; SCOPUS
- [o1] 2016 Lutz, D. A. - Burakowski, E. A. - Murphy, M. B. - Borsuk, M. E. - Niemiec, R. M. - Howarth, R. B.: Trade-offs between three forest ecosystem services across the state of New Hampshire, USA: Timber, carbon, and albedo. In: *Ecological Applications*, Vol. 26, No. 1, 2016, s. 146-161 - SCI ; SCOPUS
- [o1] 2016 Macpherson, M. F. - Kleczkowski, A. - Healey, J. R. - Hanley, N.: The effects of disease on optimal forest rotation: A generalisable analytical framework. In: *Environmental and Resource Economics*, Vol. 70, No. 3, 2016, s. 565-588 - SCOPUS
- [o1] 2016 Nguyen, T. T. - Nghiem, N.: Optimal forest rotation for carbon sequestration and biodiversity conservation by farm income levels. In: *Forest Policy and Economics*, Vol. 73, 2016, s. 185-194 - SCI ; SCOPUS
- [o1] 2016 Wysocka-Fijorek, E. - Zajac, S.: Optimization methods of the rotation age from the point of view of carbon sequestration. In: *Sylvan*, Vol. 160, No. 9, 2016, s. 720-729 - SCI ; SCOPUS
- [o1] 2017 Dumortier, J. - Kauffman, N. - Hayes, D. J.: Production and spatial distribution of switchgrass and miscanthus in the United States under uncertainty and sunk cost. In: *Energy Economics*, No. 67, 2017, s. 300-314 - SCI ; SCOPUS
- [o1] 2017 Johnston, C. M. T. - Withey, P.: Managing Forests for Carbon and Timber: A Markov Decision Model of Uneven-aged Forest Management With Risk. In: *Ecological Economics*, No. 138, 2017, s. 31-39 - SCOPUS
- [o1] 2017 Keca, L.: Determination of the optimal financial rotation period in poplar plantations. In: *Baltic Forestry*, Vol. 23, No. 3, 2017, s. 673-682 - SCI ; SCOPUS
- [o1] 2017 Nakajima, T. - Shiraishi, N. - Kanomata, H. - Matsumoto, M.: A method to maximise forest profitability through optimal rotation period selection under various economic, site and silvicultural conditions. In: *New Zealand Journal of Forestry Science*, Vol. 47, No. 1, 2017, art. no. 4 - SCI ; SCOPUS
- [o1] 2017 Oeba, V. - Mahamane, L. - Otor, S. C. J. - Kung'u, J. B. - Mbae, M. N.: Growing common plantation tree species in Kenya for sale of carbon and wood supply: what is the best bet?. In: *Southern Forests*, Vol. 79, No. 2, 2017, s. 117-124 - SCI ; SCOPUS
- [o1] 2017 Susaeta, A. - Adams, D. C. - Gonzalez-Benecke, C.: Economic vulnerability of southern US slash pine forests to climate change. In: *Journal of Forest Economics*, No. 28, 2017, s. 18-32 - SCI ; SCOPUS
- [o1] 2018 Macpherson, M. F. - Kleczkowski, A. - Healey, J. R. - Hanley, N.: The Effects of Disease on Optimal Forest Rotation: A Generalisable Analytical Framework. In: *Environmental & Resource Economics*, Vol. 70, No. 3, 2018, s. 565-588 - SCI
- [o1] 2018 Yoo, S. - Cho, Y.-S. - Park, H.: An optimal management strategy of carbon forestry with a stochastic price. In: *Sustainability (Switzerland)*, Vol. 10, No. 9, 2018, art. no. 3290 - SCI ; SCOPUS
- [o1] 2018 Yoshimoto, A. - Asante, P. - Itaka, S.: Incorporating Carbon and Bioenergy Concerns Into Forest Management. In: *Current Forestry Reports*, Vol. 4, No. 3, 2018, s. 150-160 - SCI ; SCOPUS
- [o1] 2019 Kucuker, D. M.: Analyzing the effects of various forest management strategies and carbon prices on carbon dynamics in western Turkey. In: *Journal of Environmental Management*, No. 249, 2019, art. no. 109356 - SCI ; SCOPUS

- [o1] 2019 Ning, Z. - Sun, C.: Carbon sequestration and biofuel production on forestland under three stochastic prices. In: Forest Policy and Economics, No. 109, 2019, art. no. 102018 - SCI ; SCOPUS
- [o1] 2020 Dong, L. - Lu, W. - Liu, Z.: Determining the optimal rotations of larch plantations when multiple carbon pools and wood products are valued. In: Forest Ecology and Management, No. 474, 2020, art. no. 118356 - SCI ; SCOPUS
- [o1] 2020 Ekholm, T.: Optimal forest rotation under carbon pricing and forest damage risk. In: Forest Policy and Economics, No. 115, 2020, art. no. 102131 - SCI ; SCOPUS
- [o1] 2020 Siebel-McKenna, A. - Johnston, C. M. T. - van Kooten, G. C.: Knock on wood: managing forests for carbon in the presence of natural disturbance risk. In: Spatial Economic Analysis, Vol. 15, No. 3, 2020, s. 299-310 - SCI ; SCOPUS
- [o1] 2020 Yu, H. - Liu, Y. - Shu, X. - Fang, H. - Sun, X. - Pan, Y. - Ma, L.: Equilibrium, kinetic and thermodynamic studies on the adsorption of atrazine in soils of the water fluctuation zone in the Three-Gorges Reservoir. In: Environmental Sciences Europe, Vol. 32, No. 1, 2020, art. no. 27 - SCI ; SCOPUS
- [o1] 2021 Ginbo, T. - Di Corato, L. - Hoffmann, R.: Investing in climate change adaptation and mitigation: A methodological review of real-options studies. In: Ambio, Vol. 50, No. 1, 2021, s. 229-241 - SCI ; SCOPUS

- ADC02 Zibolenová, Jana [KAUT] [UKOLJ] (40%) - Chladná, Zuzana [UKOMFKAMS] (30%) - Švihrová, Viera [UKOLJ162] (5%) - Baška, Tibor [UKOLJ162] (5%) - Waczuliková, Iveta [UKOMFKJFB] (10%) - Hudečková, Henrieta [UKOLJ162] (10%): Estimation of the population susceptibility against measles in Slovakia
In: Central European Journal of Public Health. - Roč. 25, č. 1 (2017), s. 46-54. - ISSN 1210-7778
Registrované v: wos
Registrované v: scopus
Indikátor časopisu:
IF (JCR) 2017=0.800
Ohlasy (6):
- [o1] 2019 Lengyel, G. - Anosi, N. - Marossy, A. - Matyus, M. - Bosnyakovits, T. - Orosz, L.: Orvosi Hetilap, roč. 160, č. 20, 2019, s. 767-773 - SCI ; SCOPUS
- [o1] 2019 Ristic, M. - Milošević, V. - Medic, S. - Malbaša, J. D. - Rajčević, S. - Boban, J. - Petrović, V.: Sero-epidemiological study in prediction of the risk groups for measles outbreaks in Vojvodina, Serbia. In: PLoS ONE, roč. 14, č. 5, 2019, čl. č. e0216219 - SCI ; SCOPUS
- [o1] 2019 Ehrhardt, M. - Gašper, J. - Kilianová, S.: SIR-based mathematical modeling of infectious diseases with vaccination and waning immunity. In: Journal of Computational Science, roč. 37, 2019, čl. č. 101027 - SCI ; SCOPUS
- [o1] 2019 György, L. - Noel, A. - Anna, M. - Mária, M. - Tünde, B. - László, O.: Summary and lessons of the European and Hungarian measles situation. In: Orvosi Hetilap, roč. 160, č. 20, 2019, s. 767-773 - SCI ; SCOPUS
- [o1] 2020 Štěpánek, L. - Nakládalová, M. - Boriková, A. - Horáková, D. - Štěpánek, L.: Measles immunity in a Czech tertiary care hospital. In: Vaccine, roč. 38, č. 14, 2020, s. 2889-2892 - SCI ; SCOPUS
- [o1] 2019 Lengyel, G. - Marossy, A. - Anosi, N. - Farkas, S. L. - Kele, B. - Nemes-Nikodem, E. - Szentgyorgyi, V. - Kocso, I. - Matyus, M.: Screening of more than 2000 Hungarian healthcare workers' anti-measles antibody level: Results and possible population-level consequences. In: Epidemiology and Infection, roč. 147, 2019, čl. č. e7 - SCI ; SCOPUS

- ADC03 Chladná, Zuzana [UKOMFKAMS] (10%) - Hasík, Karel (30%) - Kopfová, Jana (30%) - Nábělková, Petra (15%) - Trofimchuk, Sergei (15%): Nonlinearly determined wavefronts of the Nicholson's diffusive equation: when small delays are not harmless
Lit.: 45 záz. n.
In: Journal of Differential Equations. - Roč. 268, č. 9 (2020), s. 5156-5178. - ISSN (print) 0022-0396
Registrované v: scopus
Registrované v: wos

- ADC04 Chladná, Zuzana [UKOMFKAMS] (25%) - Kopfová, Jana (25%) - Rachinskii, Dmitrii (25%) - Rouf, Samiha C. (25%): Global dynamics of SIR model with switched transmission rate
Lit.: 28 záz. n.
In: Journal of Mathematical Biology. - Roč. 80, č. 4 (2020), s. 1209-1233. - ISSN (print) 0303-6812
Registrované v: scopus

Registrované v: wos

Ohlasy (11):

- [o1] 2020 Kim, Y.-J. - Seo, M.H. - Yeom, H.-E.: Estimating a breakpoint in the pattern of spread of COVID-19 in South Korea. In: International Journal of Infectious Diseases, No. 97, 2020, s. 360-364 - SCI ; SCOPUS
- [o1] 2020 Shuo, Z. - Xuejiao, A. - Lin, Q. - Wei, Z.: Transmission mechanism of Novel coronavirus based on SIR model and emergency supplies network's relation. In: Proceedings - 2020 International Conference on Artificial Intelligence and Computer Engineering, ICAICE 2020. Piscataway : IEEE, 2020, art. no. 9361324, S. 506-509 - SCI ; SCOPUS
- [o1] 2020 Yue, T. - Fan, Z. - Fan, B. - Du, Z. - Wilson, J.P. - Yin, X. - Zhao, N. - Wang, Y. - Zhou, C.: A new approach to modeling the fade-out threshold of coronavirus disease. In: Science Bulletin, Vol. 65, No. 15, 2020, s. 1225-1227 - SCI ; SCOPUS
- [o1] 2021 Church, K. E. M.: Analysis of pandemic closing-reopening cycles using rigorous homotopy continuation: A case study with montreal covid-19 data. In: SIAM Journal on Applied Dynamical Systems, Vol. 20, No. 2, 2021, s. 745-783 - SCI ; SCOPUS
- [o1] 2021 Kudryashov, N. A. - Chmykhov, M. A. - Vigdorowitsch, M.: Analytical features of the SIR model and their applications to COVID-19. In: Applied Mathematical Modelling, No. 90, 2021, s. 466-473 - SCI ; SCOPUS
- [o1] 2021 Liu, T. - Bai, Y. - Du, M. - Gao, Y. - Liu, Y.: Susceptible-Infected-Removed Mathematical Model under Deep Learning in Hospital Infection Control of Novel Coronavirus Pneumonia. In: Journal of Healthcare Engineering, Vol. 2021, 2021, art. no. 1535046 - SCI ; SCOPUS
- [o1] 2021 Margenov, S. - Popivanov, N. - Ugrinova, I. - Harizanov, S. - Hristov, T.: Mathematical and computer modeling of COVID-19 transmission dynamics in Bulgaria by time-depended inverse SEIR model. In: 46th International Conference on Applications of Mathematics in Engineering and Economics (AMEE) : AIP Conference Proceedings, Vol. 2333. Melville : AIP, 2021, art. no. 090024 - SCI ; SCOPUS
- [o1] 2021 Navarro-Lopez, E. M. - Cabukoglu, N.: A novel hybrid automaton framework for multi-phase epidemic modelling. In: Proceedings of the 2021 Annual Modeling and Simulation Conference, ANNSIM 2021. Piscataway : IEEE, 2021, nestr. - SCOPUS
- [o1] 2021 Navarro-Lopez, E. M. - Cabukoglu, N.: A novel hybrid automaton framework for multi-phase epidemic modelling. In: Simulation Series, Vol. 53, No. 2, 2021, s. 215-226 - SCOPUS
- [o1] 2021 Vrugt, M. T. - Bickmann, J. - Wittkowski, R.: Containing a pandemic: Nonpharmaceutical interventions and the second wave . In: Journal of Physics Communications, Vol. 5, No. 5, 2021, art. no. 055008 - SCI ; SCOPUS
- [o1] 2021 Yue, T. - Fan, B. - Zhao, Y. - Wilson, J. P. - Du, Z. - Wang, Q. - Yin, X. - Duan, X. - Zhao, N. - Fan, Z. - Lin, H. - Zhou, C.: Dynamics of the COVID-19 basic reproduction numbers in different countries. In: Science Bulletin, Vol.66, No. 3, 2021, s. 229-232 - SCI ; SCOPUS

ADN Vedecké práce v domácich časopisoch registrovaných v databázach Web of Science alebo SCOPUS

ADN01 Chladná, Zuzana [UKOMFKAMS] (70%) - Moltchanova, Elena (30%): Incentive to vaccinate: A synthesis of two approaches

Lit. 22 zázn., 4 obr., 2 tab.

In: Acta Mathematica Universitatis Comenianae-New Series. - Vol. 84, No. 2 (2015), s. 283-296. - ISSN 0862-9544

Registrované v: scopus

Ohlasy (3):

- [o1] 2016 Zibolenová, J. - Ševčovič, D. - Baška, T. - Hudečková, H.: Quantitative analysis of the age structured mathematical model of varicella spread in Slovakia. In: ALGORITMY 2016 : 20th Conference on Scientific Computing. Bratislava :Slovak University of Technology, 2016, S. 285-291 - SCI
- [o1] 2019 Ehrhardt, M. - Gašper, J. - Kilianová, S.: SIR-based mathematical modeling of infectious diseases with vaccination and waning immunity. In: Journal of Computational Science, No. 37, 2019, art. no. 101027 - SCI ; SCOPUS
- [o1] 2021 Meng, X. - Cai, Z. - Dui, H. - Cao, H.: Vaccination Strategy Analysis with SIRV Epidemic Model Based on Scale-free Networks with Tunable Clustering. In: IOP Conference Series: Materials Science and Engineering, Vol. 1043, No. 3, 2021, art. no. 032012 - SCOPUS

AFC Publikované príspevky na zahraničných vedeckých konferenciách

AFC01 Chladná, Zuzana [UKOMFKAMS] - Chladný, Miroslav - Möllersten, Kenneth - Obersteiner, Michael:

Adoption of new technology: The case of future pulp and paper mills

Lit. 17 zázň.

In: 5th MATHMOD VIENNA : Proceedings, Vol. 2: Full Papers CD. - Wien : ARGESIM, 2006. - S. 4/1-4/15. - ISBN 3-901608-30-3

Edícia: ARGESIM Report ; No. 30

[MATHMOD VIENNA: Vienna Symposium in Mathematical Modelling, 5th, Vienna, 8.-10.2.2006]

POZNÁMKA:

Vyšlo aj ako abstrakt 5th MATHMOD VIENNA : Proceedings, Vol. 1: Abstract Volume - Wien : ARGESIM, 2006 S. 60

AFC02 Chladná, Zuzana [UKOMFKAMS] (50%) - Moltchanova, Elena (50%): The value of observations in determination of optimal vaccination timing and threshold

Lit. 11 zázň., 4 obr.

In: Sustaining the Millenium Development Goals, Vol. 2. - Stresa : International Center for Remote Sensing of Environment, 2009. - S. 1018-1021. - ISBN 978-0-932913-13-5

[ISRSE 2009 : Iternational Symposium on Remote Sensing of Environment. 33rd, Stresa, 4.-9.5.2009]

URL:

<https://www.scopus.com/record/display.uri?eid=2-s2.0-84879898562&origin=resultslist&sort=plf-f&src=s&st1=chladna&st2=z&nlo=1&nlr=20&nls=afprfm-t&sid=12c7b0738b1d8439c7e11f95aeea8b6e&sot=anl&sdt=aut&sl=75&s=AU-ID%28%22Chladn%c3%a1%2c+Zuzana%22+6505573047%29+OR+AU-ID%28%22Chladn%c3%a1%2c+Zuzana%22+57194747031%29&relpos=2&citeCnt=0&searchTerm=>

AFC03 Chladná, Zuzana [UKOMFKAMS] (100%) : Optimal time to intervene: The case of measles child immunization

Lit.: 18 zázň.

In: Mathematical Biosciences and Engineering. - Roč. 15, č. 1 (2018), s. 323-335. - ISSN (print) 1547-1063

[Erice MathCompEpi 2015 : Mathematical and Computational Epidemiology of Infectious Diseases : International Conference. 1, Erice, 30.08.2015 - 05.09.2015]

Registrované v: wos

Registrované v: scopus

Indikátor časopisu:

SJR (SCOPUS) 2018=0,545

SNIP (SCOPUS) 2018=0,944

CiteScore (SCOPUS) 2018=2,3

IF (JCR) 2018=1.313

Kvartil Q:

wos-jcr -- Q4 [Mathematical & computational biology] -- 2018

scimago-sjr -- Q2 [Agricultural and biological sciences (miscellaneous)] -- 2018

scimago-sjr -- Q2 [Applied mathematics] -- 2018

scimago-sjr -- Q2 [Computational mathematics] -- 2018

scimago-sjr -- Q2 [Medicine (miscellaneous)] -- 2018

scimago-sjr -- Q2 [Modeling and simulation] -- 2018

AFD Publikované príspevky na domácich vedeckých konferenciách

AFD01 Chladná, Zuzana [UKOMFKAMS] (34%) - Kopfová, Jana (33%) - Rachinskii, Dmitrii (33%): Long term analysis of non-pharmaceutical interventions in SIR model

Lit.: 14 zázň.

In: Algoritmy 2020 : Proceedings of contributed papers. - Bratislava : Spektrum STU , 2020. - S. 1-10. - ISBN 978-80-227-5032-5

[Algoritmy 2020. 21, Vysoké Tatry - Podbanské, 10.09.2020 - 15.09.2020]

URL: <http://www.iam.fmph.uniba.sk/amuc/ojs/index.php/algoritmy/article/view/1545>

AFG Abstrakty príspevkov zo zahraničných vedeckých konferencií

AFG01 Zibolenová, Jana [UKOLJ] (65%) - Chladná, Zuzana [UKOMFKAMS] (10%) - Szabóová, Veronika (5%) - Švihrová, Viera [UKOLJ162] (10%) - Hudečková, Henrieta [UKOLJ162] (10%): Analýza vnímavosti na morbilli na Slovensku

In: 11. Hradecké vakcinologické dny. - Praha : Česká vakcinologická společnost ČLS JEP, 2015. - S. 66. - ISBN 978-80-260-8725-0
[Hradecké vakcinologické dny. 11., Hradec Králové, 1.-3.10.2015]

AFG02 Szabóová, Veronika (70%) - Zibolenová, Jana [UKOLJ] (10%) - Chladná, Zuzana [UKOMFKAMS] (5%) - Baška, Tibor [UKOLJ162] (5%) - Švihrová, Viera [UKOLJ162] (5%) - Hudečková, Henrieta [UKOLJ162] (5%): Estimation of measles susceptibility in population of Slovakia: the cohort model
In: Journal of Infectious Diseases & Therapy. - Roč. 4, č. 8 suppl. (2016), s. 63. - ISSN 2332-0877
[World Congress on Infection Prevention and Control. 4th, Valencia, 28.-29.11.2016]

AFG03 Zibolenová, Jana [UKOLJ162] (60%) - Chladná, Zuzana [UKOMFKAMS] (20%) - Hudečková, Henrieta [UKOLJ162] (20%): Vnímavosť na osýpky na Slovensku: model vs. skutočnosť
In: 15. Hradecké vakcinologické dny. - Praha : GUARANT International, 2019. - S. 91-91. - ISBN 978-80-907442-3-3
[Hradecké vakcinologické dny. 15, Hradec králové, 03.10.2019 - 05.10.2019]

AFH Abstrakty príspevkov z domácich vedeckých konferencií

AFH01 Chladná, Zuzana [UKOMFKAMS] (100%) : Incentive to vaccinate: a synthesis of the two approaches
In: 18th International Conference on Mathematical Methods in Economy and Industry and Summer School on Computational Finance : Book of Abstracts and Conference Programme. - Bratislava : Faculty of Mathematics, Physics and Informatics Comenius University, 2014. - S. 41. - ISBN 978-80-8147-022-6
[MMEI 2014 : Mathematical Methods in Economy and Industry : International Conference. 18th, Smolenice, 8.-12.9.2014]
[Summer School on Computational Finance. Smolenice, 8.-12.9.2014]

AFH02 Zibolenová, Jana [UKOLJ] (80%) - Chladná, Zuzana [UKOMFKAMS] (5%) - Švihrová, Viera [UKOLJ162] (5%) - Hudečková, Henrieta [UKOLJ162] (10%): Vyvanutie imunity u osýpok po očkovaní - modelový príklad
In: 7. Slovenský vakcinologický kongres. - Bratislava : A-medi, 2016. - S. 18. - ISBN 978-80-89797-08-0
[Slovenský vakcinologický kongres. 7., Štrbské Pleso, 14.-16.1.2016]

AFH03 Zibolenová, Jana [UKOLJ162] (65%) - Chladná, Zuzana [UKOMFKAMS] (15%) - Novák, Martin [UKOLJ162] (5%) - Hudečková, Henrieta [UKOLJ162] (15%): Matematické modelovanie vývoja vnímavosti na osýpky na Slovensku
In: 24. Červenkove dni preventívnej medicíny : program a zborník abstraktov. - Bratislava : A-medi management, 2019. - S. 1]-2]. - ISBN 978-80-89797-52-3
[Červenkove dni preventívnej medicíny. 24, Tále, 21.10.2019 - 23.10.2019]

AFH04 Hudečková, Henrieta [UKOLJ162] (60%) - Zibolenová, Jana [UKOLJ] (20%) - Chladná, Zuzana [UKOMFKAMS] (20%): Osýpky - chorobnosť, zaočkovanosť a protilátková odpoveď, výsledky IP 2018 UKOVO2021
In: 11. Slovenský vakcinologický kongres : Program a zborník abstraktov. - Bratislava : Slovenská epidemiologická a vakcinologická spoločnosť, 2020. - S. 36-36. - ISBN 978-80-89797-60-8
[Slovenský vakcinologický kongres. 11, Tatranská Lomnica, 06.09.2020 - 08.09.2020]

AFH05 Chladná, Zuzana [UKOMFKAMS] (25%) - Katráková, Kristína (25%) - Zibolenová, Jana [UKOLJ] (25%) - Hudečková, Henrieta [UKOLJ162] (25%): Vplyv ubúdania imunity na optimálnu očkovaciu schému UKOVO2021
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[Slovenský vakcinologický kongres. 11, Tatranská Lomnica, 06.09.2020 - 08.09.2020]

AFH06 Zibolenová, Jana [UKOLJ] (60%) - Chladná, Zuzana [UKOMFKAMS] (20%) - Hudečková, Henrieta [UKOLJ162] (20%): Imunologický prehľad 2018 vs. kohortový model vnímavosti 2015
Lit.: 2 záz. n.
In: 11. Slovenský vakcinologický kongres : Program a zborník abstraktov. - Bratislava : Slovenská epidemiologická a vakcinologická spoločnosť, 2020. - S. 32-32. - ISBN 978-80-89797-60-8

[Slovenský vakcinologický kongres. 11, Tatranská Lomnica, 06.09.2020 - 08.09.2020]

BFA Abstrakty odborných prác zo zahraničných podujatí (konferencie, ...)

BFA01 Waczulíková, Iveta [UKOMFKJFB] (30%) - Zibolenová, Jana [UKOLJ] (20%) - Chladná, Zuzana [UKOMFKAMS] (20%) - Švihrová, Viera [UKOLJ162] (10%) - Slezák, Peter (5%) - Ševčovič, Daniel [UKOMFKAMS] (5%) - Hudečková, Henrieta [UKOLJ162] (10%): Ekonomické hodnotenie modelovanej epidemiologickej situácie pri poklese zaočkovanosti proti osýpkam
Popis urobený 26.11.2015
In: STAKAN 2015 : Sborník abstraktů [elektronický zdroj]. - [Praha] : Česká statistická společnost, 2015. - S. 13 [online]
[STAKAN 2015 : STATističtí KANtoři : česko-slovenská konference. Soláň, 9.-11.10.2015]
URL: http://www.statspol.cz/STAKAN15/files/STAKAN_Sbornik%20abstraktu.pdf

GAI Správy

GAI01 - Chladná, Zuzana [UKOMFKAMS]: Real options model for energy and ancillary services markets. - Laxenburg : International Institute for Applied Systems Analysis, 2003. - 25 s. - (Interim Report ; IR-03-016)
Lit. 12 záz.

GAI02 - Chladná, Zuzana [UKOMFKAMS] - Chladný, Miroslav - Möllersten, Kenneth - Obersteiner, Michael: Investment under multiple uncertainties: The case of future pulp and paper mills. - Laxenburg : International Institute for Applied Systems Analysis, 2004. - 53 s. - (Interim Report ; IR-04-077)
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Ohlasy (5):
[o1] 2006 Hektor, E. - Berntsson, T.: Future CO2 removal from pulp mills - Process integration consequences. In: ECOS 2006 - Proceedings of the 19th International Conference on Efficiency, Cost, Optimization, Simulation and Environmental Impact of Energy Systems. Athens : National Technical University of Athens, 2006, S. 1629-1636 - SCI ; SCOPUS
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[o1] 2013 Johansson, D. - Franck, P.-A. - Berntsson, T.: CO2 capture in oil refineries: Assessment of the capture avoidance costs associated with different heat supply options in a future energy market. In: Energy Conversion and Management, Vol. 66, 2013, s. 127-142 - SCI ; SCOPUS
[o1] 2014 Svensson, E. - Berntsson, T. - Stromberg, A. B.: The value of flexibility for pulp mills investing in energy efficiency and future biorefinery concepts. In: International Journal of Energy Research, Vol. 38, No. 14, 2014, s.1864-1878 - SCI ; SCOPUS
[o1] 2015 Knoope, M. M. J. - Ramirez, A. - Faaij, A. P. C.: The influence of uncertainty in the development of a CO2 infrastructure network. In: Applied Energy, Vol. 158, 2015, s. 332-347 - SCI ; SCOPUS

GHG Práce zverejnené spôsobom umožňujúcim hromadný prístup

GHG01 Waczulíková, Iveta [UKOMFKJFB] (60%) - Slezák, Peter (10%) - Chladná, Zuzana [UKOMFKAMS] (10%) - Švihrová, Viera [UKOLJ162] (10%) - Hudečková, Henrieta [UKOLJ162] (10%): Prístup k posudzovaniu nákladov pri hodnotení epidemiologickej situácie osýpok
Popis urobený 29.1.2016
2 obr.
In: 9. Martinské dni verejného zdravotníctva [elektronický zdroj]. - Bratislava : Univerzita Komenského, 2015. - nestr. [1 s.] [online]
[Martinské dni verejného zdravotníctva 2015 : konferencia s medzinárodnou účasťou. 9., Martin, 4.-6.3.2015]
URL: http://www.iam.fmph.uniba.sk/institute/sevcovic/apvv/index.php/Vedecké_a_odborné_publikácie
URL: www.iam.fmph.uniba.sk/institute/sevcovic/apvv/images/4/.../Poster_Martin_IWPS.ppt

GII Rôzne publikácie a dokumenty, ktoré nemožno zaradiť do žiadnej z predchádzajúcich kategórií

GII01 Chladná, Zuzana [UKOMFKAMS] (50%) - Siebertová, Zuzana (50%): Dvadsať rokov ekonomickej a finančnej matematiky

In: Naša univerzita. - Roč. 65, č. 10 (2019), s. 33-33. - ISSN (print) 1338-4163

URL: https://uniba.sk/fileadmin/ruk/nasa_univerzita/NU2018-19/190627_Junove_cislo_NU.pdf

Štatistika kategórií (Záznamov spolu: 26):

AAB Vedecké monografie vydané v domácich vydavateľstvách (1)

ABC Kapitoly vo vedeckých monografiách vydané v zahraničných vydavateľstvách (2)

ADC Vedecké práce v zahraničných karentovaných časopisoch (4)

ADN Vedecké práce v domácich časopisoch registrovaných v databázach Web of Science alebo SCOPUS (1)

AFC Publikované príspevky na zahraničných vedeckých konferenciách (3)

AFD Publikované príspevky na domácich vedeckých konferenciách (1)

AFG Abstrakty príspevkov zo zahraničných vedeckých konferencií (3)

AFH Abstrakty príspevkov z domácich vedeckých konferencií (6)

BFA Abstrakty odborných prác zo zahraničných podujatí (konferencie, ...) (1)

GAI Správy (2)

GHG Práce zverejnené spôsobom umožňujúcim hromadný prístup (1)

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18.2.2022