

1. [S1; GB] Alabdulgader, Abdullah; McCraty, Rollin; Atkinson, Michael; Dobyns, York; Vainoras, Alfonsas; **Ragulskis, Minvydas Kazys**; Stolc, Viktor. Long-term study of heart rate variability responses to changes in the solar and geomagnetic environment // *Scientific Reports*. London : Nature Publishing Group. eISSN 2045-2322. 2018, Vol. 8, iss. 1, art. 2663, p. 1-14. DOI: 10.1038/s41598-018-20932-x. [DOAJ; Scopus; MEDLINE; Science Citation Index Expanded (Web of Science)] [IF: 4,122; AIF: 5,110; IF/AIF: 0,807; kvartilis: Q1 (2017, InCites JCR SCIE)] [CiteScore: 4,36, SNIP: 1,245, SJR: 1,533 (2017, Scopus JM)] [M.kr.: 01P, 02B] [Indėlis: 0,142]
2. [S1; NL] **Braėenas, Mindaugas**; Horvath, Gabor; Telek, Miklós. Parallel algorithms for fitting Markov arrival processes // *Performance evaluation*. Amsterdam : Elsevier. ISSN 0166-5316. eISSN 1872-745X. 2018, vol. 123124, p. 50-67. DOI: 10.1016/j.peva.2018.05.001. [Scopus; Science Citation Index Expanded (Web of Science)] [IF: 1,786; AIF: 2,199; IF/AIF: 0,812; kvartilis: Q2 (2017, InCites JCR SCIE)] [CiteScore: 1,71, SNIP: 1,125, SJR: 0,459 (2017, Scopus JM)] [M.kr.: 01P] [Indėlis: 0,334]
3. [S1; CH] Jaruševičius, Gediminas; Rugelis, Tautvydas; McCraty, Rollin; **Landauskas, Mantas**; Berškienė, Kristina; Vainoras, Alfonsas. Correlation between changes in local earth's magnetic field and cases of acute myocardial infarction // *International journal of environmental research and public health*. Basel : MDPI AG. eISSN 1660-4601. 2018, vol. 15, iss. 3, art. no. 399, p. 1-12. DOI: 10.3390/ijerph15030399. [DOAJ; Scopus; MEDLINE; Science Citation Index Expanded (Web of Science)] [IF: 2,145; AIF: 2,068; IF/AIF: 1,037; kvartilis: Q2 (2017, InCites JCR SSCI); IF: 2,145; AIF: 3,066; IF/AIF: 0,700; kvartilis: Q2 (2017, InCites JCR SCIE)] [CiteScore: 2,41, SNIP: 0,998, SJR: 0,735 (2017, Scopus JM)] [M.kr.: 01P, 09B] [Indėlis: 0,166]
4. [S1; NL] Lu, Guangqing; **Saunorienė, Loreta**; **Aleksienė, Sandra**; **Ragulskis, Minvydas Kazys**. Optical image hiding based on chaotic vibration of deformable moiré grating // *Optics Communications*. Amsterdam : Elsevier. ISSN 0030-4018. eISSN 1873-0310. 2018, Vol. 410, p. 457-467. DOI: 10.1016/j.optcom.2017.10.063. [Scopus; MEDLINE; Science Citation Index Expanded (Web of Science)] [IF: 1,887; AIF: 2,581; IF/AIF: 0,731; kvartilis: Q2 (2017, InCites JCR SCIE)] [CiteScore: 1,86, SNIP: 0,950, SJR: 0,614 (2017, Scopus JM)] [M.kr.: 01P] [Indėlis: 0,625]
5. [S1; NL] **Lukoševičiūtė, Kristina**; **Baublienė, Rita**; Howard, Daniel; **Ragulskis, Minvydas Kazys**. Bernstein polynomials for adaptive evolutionary prediction of short-term time series // *Applied Soft Computing*. Amsterdam : Elsevier. ISSN 1568-4946. eISSN 1872-9681. 2018, Vol. 65, p. 47-57. DOI: 10.1016/j.asoc.2018.01.002. [Scopus; Computers & Applied Sciences Complete; MEDLINE; Science Citation Index Expanded (Web of Science)] [IF: 3,907; AIF: 2,906; IF/AIF: 1,344; kvartilis: Q1 (2017, InCites JCR SCIE)] [CiteScore: 4,81, SNIP: 2,006, SJR: 1,199 (2017, Scopus JM)] [M.kr.: 09P] [Indėlis: 0,750]
6. [S1; CH] **Navickas, Zenonas**; **Ragulskis, Minvydas**; Karaliene, Dovile; **Telksnys, Tadas**. Weak and strong orders of linear recurring sequences // *Computational and applied mathematics*. Basel : Springer. ISSN 01018205. eISSN 1807-0302. 2018, vol. 37, iss. 3, p. 3539-3561. DOI: 10.1007/s40314-017-0532-z. [Scopus; Science Citation Index Expanded (Web of Science)] [IF: 0,863; AIF: 1,296; IF/AIF: 0,666; kvartilis: Q3 (2017, InCites JCR SCIE)] [CiteScore: 0,74, SNIP: 0,637, SJR: 0,272 (2017, Scopus JM)] [M.kr.: 01P] [Indėlis: 0,750]
7. [S1; CH] Rimkutė, Lina; Kraujalis, Tadas; **Šnipas, Mindaugas**; Palacios-Prado, Nicolas; Jotautis, Vaidas; Skeberdis, Vytenis Arvydas; Bukauskas, Feliksas. Modulation of connexin-36 gap junction channels by intracellular pH and magnesium ions // *Frontiers in Physiology*. Lausanne : Frontiers Media S.A. ISSN 1664042X. 2018, Vol. 9, art. 362, p. 1-12. DOI: 10.3389/fphys.2018.00362. [PubMed; Scopus; BIOSIS Previews; Science Citation Index Expanded (Web of Science)] [IF: 3,394; AIF: 3,119; IF/AIF: 1,088; kvartilis: Q1 (2017, InCites JCR SCIE)] [CiteScore: 3,66, SNIP: 1,149, SJR: 1,590 (2017, Scopus JM)] [M.kr.: 01P, 09P, 02B] [Indėlis: 0,071]
8. [S1; GB] **Šnipas, Mindaugas**; Radziukynas, Virginijus; **Valakevičius, Eimutis**. Numerical solution of reliability models described by stochastic automata networks // *Reliability engineering & system safety*. Oxford : Elsevier. ISSN 0951-8320. eISSN 1879-0836. 2018, vol. 169, p. 570-578. DOI: 10.1016/j.ress.2017.09.024. [Academic Search Research & Development; Academic Search Complete; Scopus; Science Citation Index Expanded (Web of Science)] [IF: 4,139; AIF: 2,626; IF/AIF: 1,576; kvartilis: Q1 (2017, InCites JCR SCIE)] [CiteScore: 4,65, SNIP: 2,403, SJR: 1,665 (2017, Scopus JM)] [M.kr.: 01P] [Indėlis: 0,667]
9. [S1; GB] Tao, Laifa; Yang, Chao; Cheng, Yujie; Lu, Chen; **Ragulskis, Minvydas Kazys**. Machine component health prognostics with only truncated histories using geometrical metric approach // *Mechanical systems and signal processing*. London : Elsevier. ISSN 0888-3270. eISSN 1096-1216. 2018, vol. 113, p. 168-179. DOI: 10.1016/j.ymsp.2017.01.052. [Scopus; Science Citation Index Expanded (Web of Science)] [IF: 4,370; AIF: 2,479; IF/AIF: 1,763; kvartilis: Q1 (2017, InCites JCR SCIE)] [CiteScore: 5,05, SNIP: 2,874, SJR: 1,805 (2017, Scopus JM)] [M.kr.: 01P] [Indėlis: 0,200]
10. [S1; US] **Telksnys, Tadas**; **Navickas, Zenonas**; Marcinkevičius, Romas; **Ragulskis, Minvydas Kazys**. Existence of solitary solutions in systems of PDEs with multiplicative polynomial coupling // *Applied Mathematics and Computation*. New York : Elsevier. ISSN 0096-3003. eISSN 1873-5649. 2018, Vol. 320, p. 380-388. DOI: 10.1016/j.amc.2017.09.051. [Scopus; Science Citation Index Expanded (Web of Science); Academic Search Premier] [IF: 2,300; AIF: 1,296; IF/AIF: 1,775; kvartilis: Q1 (2017, InCites JCR SCIE)] [CiteScore: 2,32, SNIP: 1,441, SJR: 1,065 (2017, Scopus JM)] [M.kr.: 01P, 07T] [Indėlis: 0,750]
11. [S1; GB] **Timofejeva, Inga**; **Poskuviene, Kristina**; Cao, Maosen; **Ragulskis, Minvydas Kazys**. Synchronization measure based on a geometric approach to attractor embedding using finite observation windows // *Complexity*.

- London : Wiley-Hindawi. ISSN 1076-2787. eISSN 1099-0526. 2018, vol. 2018, art. no. 8259496, p. 1-16. DOI: 10.1155/2018/8259496. [Scopus; Science Citation Index Expanded (Web of Science)] [IF: 1,829; AIF: 3,479; IF/AIF: 0,526; kvartilis: Q2 (2017, InCites JCR SCIE)] [CiteScore: 1,72, SNIP: 0,591, SJR: 0,531 (2017, Scopus JM)] [M.kr.: 01P] [Indėlis: 0,625]
12. [S1; CH] Cao, M-S.; Ding, Y-J.; Ren, W-X.; Wang, Q.; **Ragulskis, Minvydas Kazys**; Ding, Z-C. Hierarchical wavelet-aided neural intelligent identification of structural damage in noisy conditions // *Applied Sciences*. Basel : MDPI AG. ISSN 2076-3417. 2017, Vol. 7, iss. 4, article 391, p. 1-20. DOI: 10.3390/app7040391. [Scopus; Science Citation Index Expanded (Web of Science)] [IF: 1,689; AIF: 4,695; IF/AIF: 0,360; kvartilis: Q3 (2017, InCites JCR SCIE)] [CiteScore: 1,90, SNIP: 0,801, SJR: 0,303 (2017, Scopus JM)] [M.kr.: 09P] [Indėlis: 0,166]
 13. [S1; GB] **Kabašinskas, Audrius; Štutienė, Kristina**; Kopa, Miloš; **Valakevičius, Eimutis**. The risk–return profile of Lithuanian private pension funds // *Economic Research–Ekonomiska Istraživanja*. Abingdon : Routledge-Taylor & Francis. ISSN 1331-677X. eISSN 1848-9664. 2017, Vol. 30, iss. 1, p. 1611-1630. DOI: 10.1080/1331677X.2017.1383169. [Scopus; Social Sciences Citation Index (Web of Science)] [IF: 1,137; AIF: 1,766; IF/AIF: 0,644; kvartilis: Q2 (2017, InCites JCR SSCI)] [CiteScore: 1,37, SNIP: 1,097, SJR: 0,404 (2017, Scopus JM)] [M.kr.: 01P] [Indėlis: 0,750]
 14. [S1; CH] McCraty, Rollin; Atkinson, Mike; Stolc, Viktor; Alabdulgader, Abdullah; Vainoras, Alfonsas; **Ragulskis, Minvydas Kazys**. Synchronization of Human Autonomic Nervous System Rhythms with Geomagnetic Activity in Human Subjects // *International journal of environmental research and public health*. Basel : MDPI AG. ISSN 1660-4601. 2017, vol. 14, iss. 7, article 770, p. 1-18. DOI: 10.3390/ijerph14070770. [DOAJ; Scopus; MEDLINE; Science Citation Index Expanded (Web of Science)] [IF: 2,145; AIF: 2,068; IF/AIF: 1,037; kvartilis: Q2 (2017, InCites JCR SSCI); IF: 2,145; AIF: 3,066; IF/AIF: 0,700; kvartilis: Q2 (2017, InCites JCR SCIE)] [CiteScore: 2,41, SNIP: 0,998, SJR: 0,735 (2017, Scopus JM)] [M.kr.: 02B, 01P] [Indėlis: 0,166]
 15. [S1; DE] **Navickas, Zenonas; Ragulskis, Minvydas Kazys**; Listopadskis, Narimantas; **Telksnys, Tadas**. Comments on “Soliton solutions to fractional-order nonlinear differential equations based on the exp-function method” // *Optik*. Munich : Elsevier. ISSN 0030-4026. 2017, vol. 132, p. 223-231. DOI: 10.1016/j.jjleo.2016.12.030. [Current Contents / Engineering, Computing & Technology; Scopus; Science Citation Index Expanded (Web of Science)] [IF: 1,191; AIF: 2,581; IF/AIF: 0,461; kvartilis: Q3 (2017, InCites JCR SCIE)] [CiteScore: 1,35, SNIP: 0,711, SJR: 0,346 (2017, Scopus JM)] [M.kr.: 09P] [Indėlis: 0,750]
 16. [S1; US] **Navickas, Zenonas; Ragulskis, Minvydas**; Marcinkevičius, Romas; **Telksnys, Tadas**. Kink solitary solutions to generalized Riccati equations with polynomial coefficients // *Journal of mathematical analysis and applications*. Atlanta, GA : Elsevier. ISSN 0022-247X. 2017, vol. 448, iss. 1, p. 156-170. DOI: 10.1016/j.jmaa.2016.11.011. [Scopus; Current Contents / Physical, Chemical & Earth Sciences; Science Citation Index Expanded (Web of Science)] [IF: 1,138; AIF: 1,074; IF/AIF: 1,060; kvartilis: Q1 (2017, InCites JCR SCIE)] [CiteScore: 1,19, SNIP: 1,261, SJR: 1,103 (2017, Scopus JM)] [M.kr.: 01P, 09P] [Indėlis: 0,750]
 17. [S1; GB] **Navickas, Zenonas; Telksnys, Tadas**; Marcinkevičius, Romas; **Ragulskis, Minvydas Kazys**. Operator-based approach for the construction of analytical soliton solutions to nonlinear fractional-order differential equations // *Chaos, solitons and fractals*. Oxford : Pergamon-Elsevier Science. ISSN 0960-0779. eISSN 1873-2887. 2017, vol. 104, p. 625-634. DOI: 10.1016/j.chaos.2017.09.026. [Academic Search Complete; Scopus; MEDLINE; Science Citation Index Expanded (Web of Science)] [IF: 2,213; AIF: 2,230; IF/AIF: 0,992; kvartilis: Q1 (2017, InCites JCR SCIE)] [CiteScore: 2,11, SNIP: 1,040, SJR: 0,678 (2017, Scopus JM)] [M.kr.: 09P] [Indėlis: 0,750]
 18. [S1; NL] **Palevičius, Paulius; Aleksa, Algiment**; Maskeliūnas, Rimas; **Ragulskis, Minvydas Kazys**. Circular geometric moiré for degradation prediction of mechanical components performing angular oscillations // *Mechanical systems and signal processing*. Amsterdam : Elsevier. ISSN 0888-3270. 2017, vol. 86, pt. A, p. 278285. DOI: 10.1016/j.ymsp.2016.10.011. [Current Contents / Engineering, Computing & Technology; Scopus; Science Citation Index Expanded (Web of Science)] [IF: 4,370; AIF: 2,479; IF/AIF: 1,763; kvartilis: Q1 (2017, InCites JCR SCIE)] [CiteScore: 5,05, SNIP: 2,874, SJR: 1,805 (2017, Scopus JM)] [M.kr.: 09P, 01P] [Indėlis: 0,750]
 19. [S1; GB] **Saunorienė, Loreta; Aleksienė, Sandra**; Maskeliūnas, Rimas; **Ragulskis, Minvydas Kazys**. Image hiding scheme based on time-averaged elliptic oscillations // *Optics and Lasers in Engineering*. Oxford : Elsevier. ISSN 0143-8166. eISSN 1873-0302. 2017, Vol. 98, p. 83-88. DOI: 10.1016/j.optlaseng.2017.06.009. [Scopus; ScienceDirect; Science Citation Index Expanded (Web of Science)] [IF: 3,388; AIF: 2,581; IF/AIF: 1,313; kvartilis: Q1 (2017, InCites JCR SCIE)] [CiteScore: 3,30, SNIP: 1,874, SJR: 1,018 (2017, Scopus JM)] [M.kr.: 09T, 09P, 01P] [Indėlis: 0,750]
 20. [S1; GB] **Šnipas, Mindaugas**; Radziukynas, Virginijus; **Valakevičius, Eimutis**. Modeling reliability of power systems substations by using stochastic automata networks // *Reliability engineering & system safety*. Oxford : Elsevier. ISSN 0951-8320. eISSN 1879-0836. 2017, vol. 157, p. 13-22. DOI: 10.1016/j.res.2016.08.006. [Academic Search Research & Development; Academic Search Complete; Scopus; Science Citation Index Expanded (Web of Science)] [IF: 4,139; AIF: 2,626; IF/AIF: 1,576; kvartilis: Q1 (2017, InCites JCR SCIE)] [CiteScore: 4,65, SNIP: 2,403, SJR: 1,665 (2017, Scopus JM)] [M.kr.: 09P, 01P] [Indėlis: 0,667]
 21. [S1; US] **Šnipas, Mindaugas**; Rimkutė, Lina; Kraujalis, Tadas; Maciūnas, Kęstutis; Bukauskas, Feliksas. Functional asymmetry and plasticity of electrical synapses interconnecting neurons through a 36-state model of

- gap junction channel gating // PLoS Computational Biology. San Francisco : Public Library of Science. ISSN 1553-734X. eISSN 1553-734X. 2017, vol. 13, iss. 4, e1005464, p. 1-26. DOI: 10.1371/journal.pcbi.1005464. [Scopus; MEDLINE; Science Citation Index Expanded (Web of Science)] [IF: 3,955; AIF: 2,932; IF/AIF: 1,349; kvartilis: Q1 (2017, InCites JCR SCIE)] [CiteScore: 4,49, SNIP: 1,348, SJR: 3,097 (2017, Scopus JM)] [M.kr.: 01P, 02B, 09P] [Indėlis: 0,100]
22. [S1; NL] Svilainis, Linas; **Lukoševičiūtė, Kristina**; Liaukonis, Dobilas. Reiterative deconvolution: new technique for time of flight estimation errors reduction in case of close proximity of two reflections // Ultrasonics. Amsterdam : Elsevier. ISSN 0041-624X. eISSN 1874-9968. 2017, vol. 76, p. 154-165. DOI: 10.1016/j.ultras.2017.01.003. [Scopus; Compendex; INSPEC; MEDLINE; Science Citation Index Expanded (Web of Science)] [IF: 2,377; AIF: 2,661; IF/AIF: 0,893; kvartilis: Q2 (2017, InCites JCR SCIE)] [CiteScore: 2,72, SNIP: 1,714, SJR: 0,973 (2017, Scopus JM)] [M.kr.: 01T] [Indėlis: 0,333]
 23. [S1; CH] **Timofejeva, Inga**; McCraty, Rollin; Atkinson, Mike; Joffè, Roza; Vainoras, Alfonsas; Alabdulgader, Abdullah; **Ragulskis, Minvydas Kazys**. Identification of a group's physiological synchronization with Earth's magnetic field // International journal of environmental research and public health. Basel : MDPI AG. ISSN 1661-7827. eISSN 1660-4601. 2017, vol. 14, iss. 9, p. 1-22. DOI: 10.3390/ijerph14090998. [DOAJ; Scopus; Social Sciences Citation Index (Web of Science); MEDLINE; Science Citation Index Expanded (Web of Science)] [IF: 2,145; AIF: 2,068; IF/AIF: 1,037; kvartilis: Q2 (2017, InCites JCR SSCI); IF: 2,145; AIF: 3,066; IF/AIF: 0,700; kvartilis: Q2 (2017, InCites JCR SCIE)] [CiteScore: 2,41, SNIP: 0,998, SJR: 0,735 (2017, Scopus JM)] [M.kr.: 09P, 02B, 06B] [Indėlis: 0,290]
 24. [S1; NL] **Vaidelys, Martynas**; Lu, Chen; Cheng, Yujie; **Ragulskis, Minvydas Kazys**. Digital image communication scheme based on the breakup of spiral waves // Physica A: Statistical mechanics and its applications. Amsterdam : Elsevier. ISSN 0378-4371. eISSN 1873-2119. 2017, vol. 467, p. 1-10. DOI: 10.1016/j.physa.2016.09.050. [Scopus; Science Citation Index Expanded (Web of Science)] [IF: 2,132; AIF: 2,952; IF/AIF: 0,722; kvartilis: Q2 (2017, InCites JCR SCIE)] [CiteScore: 2,28, SNIP: 1,099, SJR: 0,773 (2017, Scopus JM)] [M.kr.: 01P] [Indėlis: 0,500]
 25. [S1; US] **Žiaukas, Pranas**; Alabdulgader, Abdullah; Vainoras, Alfonsas; Navickas, Zenonas; **Ragulskis, Minvydas**. New approach for visualization of relationships between RR and JT intervals // PLoS One. San Francisco : Public Library of Science. eISSN 1932-6203. 2017, vol. 12, iss. 4, article e0174279, p. 118. DOI: 10.1371/journal.pone.0174279. [Scopus; MEDLINE; Science Citation Index Expanded (Web of Science)] [IF: 2,766; AIF: 5,110; IF/AIF: 0,541; kvartilis: Q1 (2017, InCites JCR SCIE)] [CiteScore: 3,01, SNIP: 1,111, SJR: 1,164 (2017, Scopus JM)] [M.kr.: 01P, 02B] [Indėlis: 0,400]
 26. [S1; NL] **Žiaukas, Pranas**; **Ragulskis, Minvydas**. Fractal dimension and Wada measure revisited: no straightforward relationships in NDDS // Nonlinear Dynamics. Dordrecht : Springer. ISSN 0924-090X. eISSN 1573-269X. 2017, Vol. 88, iss. 2, p. 871-882. DOI: 10.1007/s11071-016-3281-4. [Scopus; SpringerLink; Compendex; Science Citation Index Expanded (Web of Science)] [IF: 4,339; AIF: 2,571; IF/AIF: 1,688; kvartilis: Q1 (2017, InCites JCR SCIE)] [CiteScore: 4,33, SNIP: 1,751, SJR: 1,468 (2017, Scopus JM)] [M.kr.: 01P] [Indėlis: 1,000]
 27. [S1; US] Čiegis, Raimondas; Starikovičius, Vadimas; Tumanova, Natalija; **Ragulskis, Minvydas Kazys**. Application of distributed parallel computing for dynamic visual cryptography // The journal of supercomputing. New York : Springer Science+Business Media. ISSN 0920-8542. eISSN 1573-0484. 2016, Vol. 72, iss. 11, p. 4204-4220. DOI: 10.1007/s11227-016-1733-8. [Zentralblatt MATH (zbMATH); Scopus; SpringerLink; INSPEC; Science Citation Index Expanded (Web of Science)] [IF: 1,326; AIF: 2,239; IF/AIF: 0,592; kvartilis: Q2 (2016, InCites JCR SCIE)] [CiteScore: 1,79, SNIP: 1,169, SJR: 0,419 (2016, Scopus JM)] [M.kr.: 01P, 09P, 07T] [Indėlis: 0,250]
 28. [S1; GB] **Fedaravičius, Augustinas Povilas**; Cao, Maosen; **Ragulskis, Minvydas Kazys**. Control of a dendritic neuron driven by a phase-independent stimulation // Chaos, solitons & fractals. Oxford : Pergamon-Elsevier Science. ISSN 0960-0779. eISSN 1873-2887. 2016, vol. 85, p. 77-83. DOI: 10.1016/j.chaos.2016.01.017. [Scopus; Science Citation Index Expanded (Web of Science)] [IF: 1,455; AIF: 2,081; IF/AIF: 0,699; kvartilis: Q2 (2016, InCites JCR SCIE)] [CiteScore: 1,55, SNIP: 0,875, SJR: 0,518 (2016, Scopus JM)] [M.kr.: 09P] [Indėlis: 0,667]
 29. [S1; US] Lu, Chen; Wang, Yang; **Ragulskis, Minvydas Kazys**; Cheng, Yujie. Fault diagnosis for rotating machinery: a method based on image processing // PLoS One. San Francisco : Public Library of Science. ISSN 1932-6203. 2016, vol. 11, iss. 10, article e0164111, p. 1-22. DOI: 10.1371/journal.pone.0164111. [Academic Search Complete; PubMed; Scopus; BIOSIS Previews; MEDLINE; Science Citation Index Expanded (Web of Science)] [IF: 2,806; AIF: 4,931; IF/AIF: 0,569; kvartilis: Q1 (2016, InCites JCR SCIE)] [CiteScore: 3,11, SNIP: 1,101, SJR: 1,236 (2016, Scopus JM)] [M.kr.: 09P] [Indėlis: 0,250]
 30. [S1; US] Maciūnas, Kęstutis; **Šnipas, Mindaugas**; Paulauskas, Nerijus; Bukauskas, Feliksas F. Reverberation of excitation in neuronal networks interconnected through voltage-gated gap junction channels // Journal of general physiology. New York : Rockefeller University Press. ISSN 0022-1295. 2016, vol. 147, iss. 3, p. 273-288. DOI: 10.1085/jgp.201511488. [Scopus; BIOSIS Previews; MEDLINE; Science Citation Index Expanded (Web of Science)] [IF: 4,200; AIF: 3,014; IF/AIF: 1,393; kvartilis: Q1 (2016, InCites JCR SCIE)] [CiteScore: 3,11, SNIP: 1,175, SJR: 2,775 (2016, Scopus JM)] [M.kr.: 02B] [Indėlis: 0,125]

31. [S1; NL] Marcinkevičius, Romas; **Navickas, Zenonas**; Ragulskis, Minvydas; Telksnys, Tadas. Solitary solutions to a relativistic two-body problem // *Astrophysics and space science*. Dordrecht : Springer. ISSN 0004-640X. eISSN 1572-946X. 2016, vol. 361, iss. 6, article 201, p. 1-7. DOI: 10.1007/s10509-016-2792-2. [Academic Search Research & Development; Academic Search Complete; Academic Search Elite; ProQuest Central; Academic Search Alumni Edition; Current Contents / Physical, Chemical & Earth Sciences; Science Citation Index Expanded (Web of Science); Academic Search Premier] [IF: 1,622; AIF: 4,159; IF/AIF: 0,390; kvartilis: Q3 (2016, InCites JCR SCIE)] [CiteScore: 1,23, SNIP: 0,720, SJR: 0,488 (2016, Scopus JM)] [M.kr.: 09P] [Indėlis: 0,250]
32. [S1; GB] **Navickas, Zenonas**; Marcinkevičius, Romas; **Telksnys, Tadas**; **Ragulskis, Minvydas**. Existence of second order solitary solutions to Riccati differential equations coupled with a multiplicative term // *IMA Journal of applied mathematics*. Oxford : Oxford University Press. ISSN 0272-4960. eISSN 1464-3634. 2016, vol. 81, iss. 6, p. 1163-1190. DOI: 10.1093/imamat/hxw050. [Science Citation Index Expanded (Web of Science)] [IF: 0,945; AIF: 1,191; IF/AIF: 0,793; kvartilis: Q2 (2016, InCites JCR SCIE)] [CiteScore: 0,77, SNIP: 0,695, SJR: 0,544 (2016, Scopus JM)] [M.kr.: 09P] [Indėlis: 0,750]
33. [S1; US] **Navickas, Zenonas**; **Ragulskis, Minvydas Kazys**; **Telksnys, Tadas**. Existence of solitary solutions in a class of nonlinear differential equations with polynomial nonlinearity // *Applied mathematics and computation*. New York, NY : Elsevier. ISSN 0096-3003. eISSN 1873-5649. 2016, vol. 283, p. 333-338. DOI: 10.1016/j.amc.2016.02.049. [Current Contents / Physical, Chemical & Earth Sciences; ScienceDirect; Compendex; Science Citation Index Expanded (Web of Science); Academic Search Premier] [IF: 1,738; AIF: 1,191; IF/AIF: 1,459; kvartilis: Q1 (2016, InCites JCR SCIE)] [CiteScore: 1,88, SNIP: 1,213, SJR: 0,944 (2016, Scopus JM)] [M.kr.: 09P] [Indėlis: 1,000]
34. [S1; GB] **Navickas, Zenonas**; Vilkas, Robertas; **Telksnys, Tadas**; **Ragulskis, Minvydas**. Direct and inverse relationships between Riccati systems coupled with multiplicative terms // *Journal of biological dynamics*. Oxon : Taylor & Francis. ISSN 1751-3758. eISSN 1751-3766. 2016, vol. 10, iss. 1, p. 297-313. DOI: 10.1080/17513758.2016.1181801. [Academic Search Research & Development; Academic Search Complete; Scopus; BIOSIS Previews; Science Citation Index Expanded (Web of Science)] [IF: 1,279; AIF: 2,980; IF/AIF: 0,429; kvartilis: Q3 (2016, InCites JCR SCIE)] [CiteScore: 1,36, SNIP: 1,352, SJR: 0,723 (2016, Scopus JM)] [M.kr.: 09P] [Indėlis: 0,750]
35. [S1; NL] **Palivonaitė, Rita**; **Ragulskis, Minvydas Kazys**; **Lukoševičiūtė, Kristina**. Short-term time series algebraic forecasting with mixed smoothing // *Neurocomputing*. Amsterdam : Elsevier. ISSN 0925-2312. eISSN 1872-8286. 2016, vol. 171, p. 854-865. DOI: 10.1016/j.neucom.2015.07.018. [Current Contents / Engineering, Computing & Technology; ScienceDirect; Science Citation Index Expanded (Web of Science)] [IF: 3,317; AIF: 2,997; IF/AIF: 1,107; kvartilis: Q1 (2016, InCites JCR SCIE)] [CiteScore: 3,61, SNIP: 1,623, SJR: 0,879 (2016, Scopus JM)] [M.kr.: 09P] [Indėlis: 1,000]
36. [S1; US] **Šnipas, Mindaugas**; Kraujalis, Tadas; Paulauskas, Nerijus; Maciūnas, Kęstutis; Bukauskas, Feliksas. Stochastic model of gap junctions exhibiting rectification and multiple closed states of slow gates // *Biophysical journal*. Cambridge, MA : CELL Press. ISSN 0006-3495. eISSN 1542-0086. 2016, vol. 110, iss. 6, p. 1322-1333. DOI: 10.1016/j.bpj.2016.01.035. [PubMed; Scopus; MEDLINE; Science Citation Index Expanded (Web of Science)] [IF: 3,656; AIF: 3,279; IF/AIF: 1,115; kvartilis: Q1 (2016, InCites JCR SCIE)] [CiteScore: 3,06, SNIP: 1,005, SJR: 1,988 (2016, Scopus JM)] [M.kr.: 09P] [Indėlis: 0,100]
37. [S1; SG] **Telksnys, Tadas**; **Navickas, Zenonas**; **Vaidelys, Martynas**; **Ragulskis, Minvydas**. The order of a 2sequence and the complexity of digital images // *Advances in complex systems*. Singapore : World Scientific Publishing. ISSN 0219-5259. eISSN 1793-6802. 2016, vol. 19, iss. 4-5, article 1650010, p. 1-25. DOI: 10.1142/S0219525916500107. [Scopus; Current Contents / Physical, Chemical & Earth Sciences; Science Citation Index Expanded (Web of Science)] [IF: 0,833; AIF: 3,263; IF/AIF: 0,255; kvartilis: Q3 (2016, InCites JCR SCIE)] [CiteScore: 0,77, SNIP: 0,670, SJR: 0,323 (2016, Scopus JM)] [M.kr.: 09P] [Indėlis: 1,000]
38. [S1; NL] **Vaidelys, Martynas**; **Žiaukas, Pranas**; **Ragulskis, Minvydas Kazys**. Competitively coupled maps for hiding secret visual information // *Physica A: Statistical mechanics and its applications*. Amsterdam : Elsevier. ISSN 0378-4371. eISSN 1873-2119. 2016, vol. 443, p. 91-97. DOI: 10.1016/j.physa.2015.09.044. [Scopus; Current Contents / Physical, Chemical & Earth Sciences; Science Citation Index Expanded (Web of Science)] [IF: 2,243; AIF: 2,777; IF/AIF: 0,808; kvartilis: Q1 (2016, InCites JCR SCIE)] [CiteScore: 2,23, SNIP: 1,287, SJR: 0,761 (2016, Scopus JM)] [M.kr.: 09P] [Indėlis: 1,000]

[Publikacijų grupėje: 38. Indėlis grupėje: 20,344]

1. [S1; LT] **Bražėnas, Mindaugas**; **Valakevičius, Eimutis**. On structured initial solution generation for phase-type fitting with EM method // *Information technology and control = Informacinė technologija ir valdymas*. Kaunas : Technologija. ISSN 1392-124X. eISSN 2335-884X. 2018, vol. 47, iss. 2, p. 197-208. DOI: 10.5755/j01.itc.47.2.18169. [Scopus; Science Citation Index Expanded (Web of Science)] [IF: 0,800; AIF: 2,925; IF/AIF: 0,274; kvartilis: Q4 (2017, InCites JCR SCIE)] [CiteScore: 0,94, SNIP: 0,524, SJR: 0,240 (2017, Scopus JM)] [M.kr.: 01P] [Indėlis: 1,000]
2. [S1; LT] Kazlauskas, Deividas; Jankauskas, Vytenis; Bendikienė, Regita; Keturakis, Gintaras; **Mačėnaitė,**

- Loreta.** Wear of cemented tungsten carbide (WC) router cutters during oak wood milling // *Mechanics = Mechanika*. Kaunas : KTU. ISSN 1392-1207. eISSN 2029-6983. 2017, vol. 23, iss. 3, p. 469-472. DOI: 10.5755/j01.mech.23.3.18482. [Academic Search Complete; Scopus; INSPEC; Science Citation Index Expanded (Web of Science)] [IF: 0,529; AIF: 2,663; IF/AIF: 0,199; kvartilis: Q4 (2017, InCites JCR SCIE)] [CiteScore: 0,51, SNIP: 0,594, SJR: 0,186 (2017, Scopus JM)] [M.kr.: 09T, 08T] [Indėlis: 0,200]
3. [S1; LT] **Drūlytė, Miglė; Lukoševičiūtė, Kristina; Ragulskienė, Jūratė.** Non-uniform embedding applications for synchronization analysis // *Journal of vibroengineering*. Kaunas : JVE International. ISSN 1392-8716. 2016, vol. 18, iss. 8, p. 5481-5491. DOI: 10.21595/jve.2016.18090. [Academic Search Complete; Scopus; TOC Premier; Computers & Applied Sciences Complete; Current Abstracts; INSPEC; Science Citation Index Expanded (Web of Science)] [IF: 0,398; AIF: 2,527; IF/AIF: 0,157; kvartilis: Q4 (2016, InCites JCR SCIE)] [CiteScore: 0,49, SNIP: 0,448, SJR: 0,227 (2016, Scopus JM)] [M.kr.: 01P] [Indėlis: 1,000]
 4. [S1; LT] **Lukoševičiūtė, Kristina; Drūlytė, Miglė;** Svilainis, Linas. Approximation performance of model functions for blind deconvolution of ultrasonic reflections // *Journal of vibroengineering*. Kaunas : JVE International. ISSN 1392-8716. 2016, vol. 18, iss. 4, p. 2563-2573. DOI: 10.21595/jve.2016.17240. [Academic Search Complete; TOC Premier; Computers & Applied Sciences Complete; Current Abstracts; INSPEC; Science Citation Index Expanded (Web of Science)] [IF: 0,398; AIF: 2,527; IF/AIF: 0,157; kvartilis: Q4 (2016, InCites JCR SCIE)] [CiteScore: 0,49, SNIP: 0,448, SJR: 0,227 (2016, Scopus JM)] [M.kr.: 01P, 01T] [Indėlis: 0,667]
 5. [S1; LT] **Navickas, Zenonas; Ragulskis, Minvydas;** Marcinkevičius, Romas; **Telksnys, Tadas.** Generalized solitary waves in nonintegrable KdV equations // *Journal of vibroengineering / Vibromechanika*, Lithuanian Academy of Sciences, Kaunas University of Technology, Vilnius Gediminas Technical University. Kaunas : *Vibroengineering*. ISSN 1392-8716. 2016, vol. 18, iss. 2, p. 1270-1279. [Academic Search Complete; Central & Eastern European Academic Source (CEEAS); TOC Premier; Computers & Applied Sciences Complete; Current Abstracts; INSPEC; Science Citation Index Expanded (Web of Science)] [IF: 0,398; AIF: 2,527; IF/AIF: 0,157; kvartilis: Q4 (2016, InCites JCR SCIE)] [CiteScore: 0,49, SNIP: 0,448, SJR: 0,227 (2016, Scopus JM)] [M.kr.: 09P] [Indėlis: 0,750]
 6. [S1; LT] Pamparienė, Ina; Veikutis, Vincentas; Oberauskas, Vaidas; Žymantienė, Judita; Želvytė, Rasa; Stankevičius, Arūnas; Marčiulionytė, Dalia; **Palevičius, Paulius.** Thermography based inflammation monitoring of udder state in dairy cows: sensitivity and diagnostic priorities comparing with routine California mastitis test // *Journal of vibroengineering : JVE*. Kaunas : JVE International Ltd. ISSN 1392-8716. 2016, vol. 18, iss. 1, p. 511-521. [VINITI; Scopus; Compendex; INSPEC; Science Citation Index Expanded (Web of Science)] [IF: 0,398; AIF: 2,527; IF/AIF: 0,157; kvartilis: Q4 (2016, InCites JCR SCIE)] [CiteScore: 0,49, SNIP: 0,448, SJR: 0,227 (2016, Scopus JM)] [M.kr.: 02A, 01P] [Indėlis: 0,125]

[Publikacijų grupėje: 6. Indėlis grupėje: 3,742]

1. [S2; LV] Miseviciene, Regina; **Sutiene, Kristina;** Ambraziene, Danute; Makackas, Dalius. Enhancing university competitiveness through ICT infrastructure: the case of Kaunas University of Technology // *Baltic journal of modern computing*. Riga : University of Latvia. ISSN 2255-8942. eISSN 2255-8950. 2018, vol. 6, iss. 2, p. 137145. DOI: 10.22364/bjmc.2018.6.2.05. [Emerging Sources Citation Index (Web of Science)] [M.kr.: 01P, 07T] [Indėlis: 0,250]
2. [S2; CH] Ostasevicius, Vytautas; Jūrenas, Vytautas; Golinka, Ievgeniia; Gaidys, Rimvydas; **Aleksa, Algiment.** Separation of microparticles from suspension utilizing ultrasonic standing waves in a piezoelectric cylinder actuator // *Actuators*. Basel : MDPI AG. eISSN 2076-0825. 2018, vol. 7, iss. 2, art. no. 14, p. 1-12. DOI: 10.3390/act7020014. [Emerging Sources Citation Index (Web of Science); Scopus] [M.kr.: 09T] [Indėlis: 0,250]
3. [S4; GB] **Kabašinskas, Audrius; Kadikinaite, Lina.** The construction of an investment portfolio using stochastic programming // *Journal of sustainable finance & investment*. London : Taylor & Francis. ISSN 2043-0795. eISSN 2043-0809. 2016, vol. 6, iss. 3, p. 151-160. DOI: 10.1080/20430795.2016.1188538. [Ingenta Connect] [M.kr.: 01P] [Indėlis: 1,000]
4. [S2; PL] Navickas, Valentinas; Baskutis, Saulius; Gružas, Valentas; **Kabašinskas, Audrius.** Warehouses consolidation in the logistic clusters: food industry's case // *Polish journal of management studies*. Czestochowa : Czestochowa University of Technology. ISSN 2081-7452. 2016, vol. 14, iss. 1, p. 174-182. DOI: 10.17512/pjms.2016.14.1.16. [Emerging Sources Citation Index (Web of Science); Scopus] [CiteScore: 0,72, SNIP: 0,911, SJR: 0,316 (2016, Scopus JM)] [M.kr.: 04S, 09T, 03S] [Indėlis: 0,250] [Publikacijų grupėje: 4. Indėlis grupėje: 1,700]

Nacionalinėse leidyklose

1. [S1; LT] Bubulis, Algimantas; Minchenia, Vladimir; Veikutis, Vincentas; Navickas, Jonas; Bakanauskas, Vytautas; **Palevičius, Paulius.** Design and the main parameters of tube-shaped ultrasound wave guide wire // *Journal of vibroengineering*. Kaunas : JVE International. ISSN 1392-8716. 2017, vol. 19, iss. 2, p. 1383-1392.

DOI: 10.21595/jve.2017.18359. [Academic Search Complete; Scopus; Computers & Applied Sciences Complete; INSPEC; Science Citation Index Expanded (Web of Science)] [CiteScore: 0,67, SNIP: 0,514, SJR: 0,244 (2017, Scopus JM)] [M.kr.: 09T] [Indėlis: 0,166]

2. [S1; LT] Čereška, Audrius; Maskeliūnas, Rimas; **Ragulskienė, Jūratė**; Lu, Guang Qing. Comparison of hysteresis of high accuracy positioning system with piezoelectric actuators // Journal of vibroengineering. Kaunas : Vibromechanika. ISSN 1392-8716. 2017, Vol. 19, iss. 5, p. 3556-3563. DOI: 10.21595/jve.2017.18424. [VINITI; Scopus; Compendex; INSPEC; Science Citation Index Expanded (Web of Science)] [CiteScore: 0,67, SNIP: 0,514, SJR: 0,244 (2017, Scopus JM)] [M.kr.: 10T, 09T] [Indėlis: 0,250]
3. [S4; LT] **Čepulionis, Paulius; Lukoševičiūtė, Kristina**. Electrocardiogram time series forecasting and optimization using ant colony optimization algorithm // Journal of mathematical models in engineering. Kaunas : JVE International. ISSN 2351-5279. eISSN 2424-4627. 2016, vol. 2, iss. 1, p. 69-77. [Gale's Academic OneFile] [M.kr.: 01P] [Indėlis: 1,000]

[Publikacijų grupėje: 3. Indėlis grupėje: 1,416]

1. [P1c; US] **Landauskas, Mantas; Lukoseviciute, Kristina**; Guangqing, Lu; **Ragulskis, Minvydas**. Chebyshev interpolation with internal smoothing for short-term time series forecasting = Čebyšovo interpoliacija su vidiniu glotniniu trumpų laiko eilučių prognozavimui // AIP conference proceedings : International conference of numerical analysis and applied mathematics, ICNAAM 2017, Thessaloniki, Greece, 25-30 September 2017. Melville, NY : AIP Publishing, 2018. ISBN 9780735416901. ISSN 0094-243X. 2018, vol. 1978, art. no. 470058, p. 1-4. DOI: 10.1063/1.5044128. [Scopus] [M.kr.: 01P] [Indėlis: 0,750]
2. [P1d; ES] **Narkevičienė, Bronė**; Novikienė, Regina; Matiukaitė, Rasa; **Kravčėnkienė, Violeta; Mačėnaitė, Loreta**. Factors affecting the choice of surface learning of mathematics // INTED 2018 [elektroninis išteklis] : 12th International Technology, Education and Development Conference, 5-7 March, 2018, Valencia (Spain) : conference proceedings / edited by L. Gómez Chova, A. López Martínez, I. Candel Torres. Valencia : IATED Academy, 2018. ISBN 9788469794807. ISSN 2340-1079. p. 1242-1248. [M.kr.: 01P] [Indėlis: 0,600]
3. [P1c; NL] Palevicius, A.; Janusas, G.; **Ragulskis, M.; Palevicius, P.**; Sodah, A. Design, analysis and application of dynamic visual cryptography for visual inspection of biomedical systems // Nanostructured materials for the detection of CBRN: [proceedings of the NATO advanced research workshop on nanostructured materials for the detection of CBRN, Kiev, Ukraine, 14-17 August 2017] / edited by J. Bonča and S. Kruchinin. Dordrecht : Springer, 2018. ISBN 9789402413038. eISBN 9789402413045. p. 223-232. (NATO science for peace and security series A: Chemistry and biology, ISSN 1874-6489). DOI: 10.1007/978-94-024-1304-5_17. [Scopus] [M.kr.: 09T] [Indėlis: 0,400]
4. [P1c; US] Raziūnaitė, P.; Miliūnaitė, A.; Maskeliūnas, R.; Damaševičius, R.; Sidekerskienė, T.; **Narkevičienė, B.** Designing an educational music game for digital game based learning: a Lithuanian case study // MIPRO 2018: 41st international convention, May 21 – 25, 2018, Opatija, Croatia : proceedings / organized by MIPRO Croatian Society ; edited by: Karolj Skala. Piscataway, NJ : IEEE, 2018. ISBN 9789532330977. eISBN 9789532330953. p. 800-805. DOI: 10.23919/MIPRO.2018.8400148. [Scopus; INSPEC] [M.kr.: 07T] [Indėlis: 0,166]
5. [P1a; US] **Aleksienė, Sandra; Vaidelys, Martynas; Aleksa, Algimantas; Ragulskis, Minvydas Kazys**. Dynamic visual cryptography on deformable finite element grids // AIP Conference Proceedings : International Conference of Numerical Analysis and Applied Mathematics (ICNAAM 2016). Melville, NY : AIP Publishing. ISSN 0094-243X. 2017, Vol. 1863, iss. 1, art. 440002, p. 1-4. DOI: 10.1063/1.4992606. [Academic Search Complete; Scopus; Conference Proceedings Citation Index - Science (Web of Science)] [M.kr.: 01P] [Indėlis: 1,000]
6. [P1a; US] **Lukoševičiūtė, Kristina**; Howard, Daniel; **Ragulskis, Minvydas Kazys**. Bernstein polynomials for evolutionary algebraic prediction of short time series // AIP Conference proceedings : International Conference of Numerical Analysis and Applied Mathematics (ICNAAM 2016), Rhodes, Greece, 19-25 September 2016 / editors Theodore Simos and Charalambos Tsitouras. Melville, NY : AIP Publishing, 2017. ISBN 9780735415386. ISSN 0094-243X. 2017, vol. 1863, iss. 1, article 560009, p. 1-4. DOI: 10.1063/1.4992692. [Scopus; Conference Proceedings Citation Index - Science (Web of Science)] [M.kr.: 01P] [Indėlis: 0,667]
7. [P1a; US] **Palevičius, Paulius; Ragulskis, Minvydas Kazys**; Janušas, Giedrius; Palevičius, Arvydas. Image encryption scheme based on computer generated holography and time-averaged moiré // Proceedings of SPIE : 3rd International Conference on Applications of Optics and Photonics, 8-12 May 2017, Faro, Portugal / edited by Manuel F. M. Costa. Bellingham, WA : SPIE. ISSN 0277-786X. 2017, Vol. 10453, art. 104531H, p. 1-7. DOI: 10.1117/12.2272126. [Scopus; Conference Proceedings Citation Index - Science (Web of Science)] [M.kr.: 01P] [Indėlis: 0,500]
8. [P1c; BE] **Štutienė, Kristina; Kabašinskas, Audrius; Valakevičius, Eimutis**; Reichardt, Roland. Mining patterns in financial time series using dynamic time warping algorithm // 31st Annual European simulation and modelling conference 2017, Lisbon, Portugal, October 25-27, 2017 / Organised by ETI - European Technology Institute. Ostend : EUROSIS-ETI, 2017. ISBN 9789492859006. p. 119-123. [Scopus] [M.kr.: 09P, 01P] [Indėlis: 0,750]

9. [P1c; CH] **Bražėnas, Mindaugas**; Horv ath, G abor; Telek, Mikl os. Efficient implementations of the EM algorithm for transient Markovian arrival processes // Analytical and stochastic modelling techniques and applications : proceedings of the 23rd international conference, ASMTA 2016, Cardiff, UK, August 24-26, 2016 / editors: Sabine Wittevrongel, Tuan Phung-Duc. Cham : Springer, 2016. ISBN 9783319439037. eISBN 9783319439044. p. 107-122. DOI: 10.1007/978-3-319-43904-4_8. [SpringerLink] [M.kr.: 09P] [Ind elis: 0,334]
10. [P1a; CZ] Kundelien e, Kristina; Stankevi cius, Evaldas; **Kaba inskas, Audrius**. Assessment of VAT gap relationship with budget structure and macroeconomic indicators: EU countries case // ICEM-2016 : 21st international scientific conference "Smart and efficient economy: preparation for the future innovative economy", May 19-20, 2016 Brno, Czech Republic : proceeding of selected papers / Edited by I. Simberova, F. Milichovsky, O. Zizlavsky. Brno : Brno University of Technology, 2016. ISBN 9788021454132. p. 657-664. [Conference Proceedings Citation Index - Social Science & Humanities (Web of Science)] [M.kr.: 04S] [Ind elis: 0,333]
11. [P1a; CH] Muleravi cius, Jonas; Sakalauskas, Eligijus; **Timofejeva, Inga**. On methodology of e-wallet construction for partially off-line payment system // Communications in computer and information science : Information and software technologies: proceedings of the 22nd international conference, ICIST 2016, Druskininkai, Lithuania, October 13-15, 2016 / Giedre Dregvaite, Robertas Damasevicius, eds. Cham : Springer, 2016. ISBN 9783319462530. eISBN 9783319462547. ISSN 1865-0929. eISSN 1865-0937. 2016, Vol. 639, p. 753-765. DOI: 10.1007/978-3-319-46254-7_61. [Scopus; Conference Proceedings Citation Index - Science (Web of Science); SpringerLink] [M.kr.: 07T] [Ind elis: 0,333]
12. [P1a; US] Palevi cius, Arvydas; Grigali unas, Viktoras; Janu as, Giedrius; **Palevi cius, Paulius**;  akalys, Rokas. Development of complex 3D microstructures based on computer generated holography and their usage for biomedical applications // Proceedings of SPIE : Nanosensors, biosensors, and info-tech sensors and systems : March 20, 2016, Las Vegas, Nevada, United States / Edited by Vijay K. Varadan. Bellingham, WA : SPIE. ISSN 0277-786X. 2016, vol. 9802, article 980210, p. 1-8. DOI: 10.1117/12.2218848. [Scopus; Conference Proceedings Citation Index - Science (Web of Science)] [M.kr.: 09T] [Ind elis: 0,200]
13. [P1a; NL]  akalys, Rokas; Janu as, Giedrius; Palevi cius, Arvydas; Grigali unas, Viktoras; **Palevi cius, Paulius**. Vibration based microstructure replication and analysis // Nanomaterials for security: Proceedings of the NATO advanced research workshop on nanomaterials for security, Odessa, Ukraine, August 30-September 3, 2015. Dordrecht : Springer, 2016. ISBN 9789401775915. eISBN 9789401775939. p. 159-171. (NATO science for peace and security series A: Chemistry and biology, ISSN 1874-6489). DOI: 10.1007/978-94-017-7593-9_13. [Scopus; Conference Proceedings Citation Index - Science (Web of Science)] [M.kr.: 08T] [Ind elis: 0,200] [Publikacijų grup e: 13. Ind elis grup e: 6,233]

1. [P1c; LT] Lu, Guangqing; Maskeli unas, Rimas; **Aleksien e, Sandra**; Peng, Wenbin. Experimental approach for optical registration of circular time-averaged moir e images // Vibroengineering Procedia : [28th international conference on vibroengineering, Beijing, China, 19-21 October, 2017]. Kaunas : JVE International. ISSN 23450533. 2017, Vol. 14, p. 364-367. DOI: 10.21595/vp.2017.19230. [Scopus] [M.kr.: 01P] [Ind elis: 0,250]
2. [P1c; LT] **Petrauskien e, Vilma; Saunorien e, Loreta**. Application of dynamic visual cryptography for optical control of chaotic oscillations // Vibroengineering Procedia : [29th International Conference on Vibroengineering, Vilnius, Lithuania, December 1st 2017]. Kaunas : JVE International. ISSN 2345-0533. 2017, Vol. 15, p. 81-87. DOI: 10.21595/vp.2017.19353. [Academic Search Complete; Scopus] [M.kr.: 09P] [Ind elis: 1,000]
3. [P1c; LT] **Po kuvien e, Kristina**. The influence of the smoothing component on the quality of algebraic forecasts // Vibroengineering Procedia : [30-th International Conference on Vibroengineering, Phuket, Thailand, 16-17 December 2017]. Kaunas : JVE International. ISSN 2345-0533. 2017, Vol. 16, p. 124-128. DOI: 10.21595/vp.2017.19433. [Scopus] [M.kr.: 01P] [Ind elis: 1,000]
4. [P1c; LT] **Saunorien e, Loreta; Aleksien e, Sandra; Ragulskien e, J urat e**. Near-optimal pitch of a moir e grating for image hiding applications in dynamic visual cryptography // Vibroengineering Procedia : [27th international conference on vibroengineering, Katowice, Poland, 26-28 September, 2017]. Kaunas : JVE International. ISSN 2345-0533. 2017, Vol. 13, p. 266-271. DOI: 10.21595/vp.2017.19031. [Academic Search Complete; Scopus] [M.kr.: 09P, 01P] [Ind elis: 1,000]
5. [P1c; LT] Vaidelien e, Gintar e; Valantinas, Jonas; **Vaidelys, Martynas**. On the use of signal smoothness estimates and signal similarity in bearing fault detection // Vibroengineering Procedia : [30-th International Conference on Vibroengineering, Phuket, Thailand, 16-17 December 2017]. Kaunas : JVE International. ISSN 2345-0533. 2017, Vol. 16, p. 51-55. DOI: 10.21595/vp.2017.19507. [Scopus] [M.kr.: 01P] [Ind elis: 0,333]
6. [P1c; LT] **Vaidelys, Martynas**; Lu, Chen; Yujie, Cheng; Vaidelien e, Gintar e. Image hiding in dynamic unstable self-organizing patterns // Vibroengineering Procedia : [28th international conference on vibroengineering, Beijing, China, 19-21 October, 2017]. Kaunas : JVE International. ISSN 2345-0533. 2017, Vol. 14, p. 328-333. DOI: 10.21595/vp.2017.18296. [Academic Search Complete; Scopus; Computers & Applied Sciences Complete] [M.kr.: 01P] [Ind elis: 0,250]

[Publikacijų grup e: 6. Ind elis grup e: 3,833]

1. [T2; LT] Gudaitis, Lukas; Kraujalis, Tadas; Rimkutė, Lina; Maciūnas, Kęstutis; **Šnipas, Mindaugas**; Veršelis, Vytas K; Bukauskas, Feliksas F. The Effect of low intracellular pH and magnesium ion concentration on the conductance of gap junction formed by Connexin 36 and its mutants // 1st International doctoral students' conference "Science for Health" : book of abstracts : April 13, 2018, Kaunas, Lithuania / Lithuanian university of health sciences. LSMU Department of Research Affairs. Council of LSMU Doctoral Students ; [Edited by Indrė Šveikauskaitė]. Kaunas : Lietuvos sveikatos mokslų universiteto Leidybos namai, 2018. ISBN 9789955155300. p. 36-37. [M.kr.: 06B] [Indėlis: 0,071]
2. [T1e; LT] Kundelienė, Kristina; Stankevičius, Evaldas; Janilionis, Vytautas; **Kabašinskas, Audrius**. Investigation of taxpayers' behaviour by big data analytics // Euro working group for commodities and financial modelling : the 61st meetin of EWGCFM, international conference, 16-18 May, 2018, Kaunas, Lithuania : book of abstracts. Kaunas : Kaunas University of Technology, 2018. ISBN 9786090214596. p. 25. [M.kr.: 04S] [Indėlis: 0,250]
3. [T1e; ES] **Narkevičienė, Bronė; Kravčenkienė, Violeta**. The development of mathematics popularization activities in Lithuania after the restoration of independence // INTED 2018 [elektroninis išteklius] : 12th International Technology, Education and Development Conference, 5-7 March, 2018, Valencia (Spain) : conference proceedings / edited by L. Gómez Chova, A. López Martínez, I. Candel Torres. Valencia : IATED Academy, 2018. ISBN 9788469794807. ISSN 2340-1079. p. 6540. [M.kr.: 01P] [Indėlis: 1,000]
4. [T1e; ES] **Šutienė, Kristina**; Lukšys, Kęstutis; Kundelienė, Kristina. Corporate insolvency prediction model in short-term perspective: the case of Lithuania // EURO 2018: 29th European conference on operational research, July 8-11, Valencia, Spain : conference handbook. Valencia : European Association of Operational Research Society, 2018. ISBN 9788409029389. p. 102. [M.kr.: 01P, 04S] [Indėlis: 0,334]
5. [P2b; LT] Joffė, Roza; Damaševičius, Robertas; **Landauskas, Mantas**; McCraty, Rollin; Vainoras, Alfonsas. Local Earth's magnetic field fluctuations' interconnections with human physical wellbeing = Взаимосвязь магнѣтного поля земли и физического состояния человека // Earth's fields and their influence on organisms : abstracts and materials : International conference at Birštonas, June 15-18, 2017 / Lithuanian Nature Society. Lithuanian Geological Society. Baltic Dowsers Association ; [Compiled by Rimantas Petrošius]. Vilnius : Andrena, 2017. ISBN 9789986370802. p. 72-76. [M.kr.: 02B] [Indėlis: 0,200]
6. [P2b; LT] Listopadskis, Narimantas; **Landauskas, Mantas**; Vainoras, Alfonsas; **Navickas, Zenonas**. Analysis of low frequency variations of the local magnetic field in the central region of Lithuania = Исследования низкочастотных колебаний магнѣтного поля в центральном регионе Литвы // Earth's fields and their influence on organisms : abstracts and materials : International conference at Birštonas, June 15-18, 2017 / Lithuanian Nature Society, Lithuanian Geological Society, Baltic Dowsers Association ; [Compiled by Rimantas Petrošius]. Vilnius : Andrena, 2017. ISBN 9789986370802. p. 66-71. [M.kr.: 01P, 02B] [Indėlis: 0,500]
7. [T1e; GB] Maciūnas, Kęstutis; **Šnipas, Mindaugas**; Kraujalis, Tadas; Rimkutė, Lina; Bukauskas, Feliksas. Gap junction channel voltage gating and its effect on electrical anisotropy and arrhythmogenic activity of cardiac tissue // International GAP Junction Conference, Glasgow 2017, July 29th - August 2nd : book of abstracts. Glasgow : [s.n.]. 2017, PS1.109, p. 116. [M.kr.: 09P, 02B, 01P] [Indėlis: 0,100]
8. [T2; LT] **Šiaučiūnaitė, Vaiva**; **Landauskas, Mantas**; Vainoras, Alfonsas; **Ragulskis, Minvydas Kazys**. Evaluation and analysis of the power of local geomagnetic field // 9th International Workshop "Data analysis methods for software systems" – DAMSS : Druskininkai, Lithuania, November 30-December 2, 2017 / Lithuanian Computer Society. Vilnius University. Institute of Data Science and Digital Technologies. Lithuanian Academy of Sciences ; [sudarytoja Jolita Bernatavičienė]. Vilnius : Vilnius University Institute of Data Science and Digital Technologies, 2017. ISBN 9789986680642. p. 48-49. DOI: 10.15388/DAMSS.2017. [M.kr.: 10T, 06B] [Indėlis: 0,750]
9. [T1e; GB] **Šnipas, Mindaugas**; Kraujalis, Tadas; Rimkutė, Lina; Maciūnas, Kęstutis; Bukauskas, Feliksas. New 4-state model of gap junction channel voltage gating to describe fast kinetics of junctional conductance in excitable cell tissues // International GAP Junction Conference, Glasgow, 2017, July 29th - August 2nd : book of abstracts. Glasgow : [s.n.]. 2017, PS2.64, p. 150. [M.kr.: 09P, 02B, 01P] [Indėlis: 0,100]
10. [T1e; TR] **Šutienė, Kristina**; **Dapkutė, Lina**. Asset liability modelling for pension funds by introducing Leslie model for population dynamics // ICCSDA 2017 : 19th International Conference on Computational Statistics and Data Analysis, Rome, Italy, July 17-18, 2017. [S.l.] : WASET. 2017, p. 19. [M.kr.: 01P] [Indėlis: 1,000]
11. [T1e; LT] **Telksnys, Tadas**; **Navickas, Zenonas**; **Ragulskis, Minvydas Kazys**. Construction of solitary solutions to Riccati equations with multiplicative and diffusive coupling using operator techniques // Mathematical modelling and analysis: 22nd international conference, May 30–June 2, 2017, Druskininkai, Lithuania : abstracts. Vilnius : Technika, 2017. ISBN 9786094760228. eISBN 9786094760211. eISSN 23515740. p. 71. [M.kr.: 09P] [Indėlis: 1,000]
12. [T2; LT] **Timofejeva, Inga**; Vainoras, Alfonsas; **Ragulskis, Minvydas Kazys**. Visualization of relationships between ECG parameters using optimal Lagrangian difference matrices // 9th International Workshop "Data analysis methods for software systems" – DAMSS : Druskininkai, Lithuania, November 30-December 2, 2017 / Lithuanian Computer Society. Vilnius University. Institute of Data Science and Digital Technologies. Lithuanian Academy of Sciences ; [sudarytoja Jolita Bernatavičienė]. Vilnius : Vilnius University Institute of Data Science and Digital Technologies, 2017. ISBN 9789986680642. p. 50. DOI: 10.15388/DAMSS.2017. [M.kr.: 10T, 06B]

- [Indėlis: 0,667]
13. [T1e; GB] **Drūlytė, Miglė**; Lukoševičiūtė, Kristina. Gabor function optimization algorithms for representation of the ultrasonic signal // SCOR16: 5th student conference on operational research, Nottingham, UK, 8-10 April 2016. Nottingham : University of Nottingham. 2016, p. 27. [M.kr.: 01P] [Indėlis: 0,500]
 14. [T2; DK] Maciūnas, Kęstutis; **Šnipas, Mindaugas**; Kraujalis, Tadas; Bukauskas, Feliksas F. Neuronal networks interconnected through soma-somatic and dendro-dendritic voltage-gated gap junction channels enclosing fast and slow gates exhibiting multiple closed states // 10th FENS Forum of Neuroscience : July 2-6, 2016, Copenhagen, Denmark : programme / Federation of European Neuroscience Societies (FENS). Danish Society for Neuroscience. Copenhagen : Federation of European Neuroscience Societies. 2016, p. 1-1, no. B040. [M.kr.: 02B] [Indėlis: 0,125]
 15. [T1e; NL] Šepetkaitė, Agneta; Cicėnaitė, Rūta; Berškienė, Kristina; Vainoras, Alfonsas; Šveistienė, Rūta; **Landauskas, Mantas**. The Effect of Human interactions with horses on physical and emotional wellbeing // European Association for Animal Production Book of Abstracts : Book of Abstracts of the 67th Annual Meeting of the European Federation of Animal Science : Belfast, United Kingdom, 29 August - 2 September 2016 / EAAP - European Federation of Animal Science. Wageningen : Wageningen Academic Publishers, 2016. ISBN 9789086862849. eISBN 9789086868308. p. 1. DOI: 10.3920/978-90-8686-830-8. [M.kr.: 06B, 03A] [Indėlis: 0,166]
 16. [T2; LT] Timofejeva, Inga; Joffė, Roza; Vainoras, Alfonsas; **Ragulskis, Minvydas Kazys**. Identification of clusters in a trial group of persons based on their cardiac intervals and magnetic field data // 8th International Workshop "Data analysis methods for software systems" – DAMSS : Druskininkai, Lithuania, December 1-3, 2016 / Lithuanian Computer Society. Vilnius University Institute of Mathematics and Informatics. Lithuanian Academy of Sciences ; [sudarytoja Jolita Bernatavičienė]. Vilnius : Vilnius University Institute of Mathematics and Informatics, 2016. ISBN 9789986680611. p. 59-59. DOI: 10.15388/DAMSS.2016. [M.kr.: 06B, 01P] [Indėlis: 0,250]
 17. [T2; LT] **Timofejeva, Inga**; Joffe, R; Vainoras, Alfonsas; **Ragulskis, Minvydas Kazys**. Identification on clusters in a trial group of persons based on their cardiac intervals and magnetic field data // Data analysis methods for software systems : 8th international workshop, Druskininkai, Lithuania, December 1-3, 2016 / Lithuanian Computer Society, Vilnius University Institute of Mathematics and Informatics, Lithuanian Academy of Sciences. Druskininkai : Vilnius University, 2016. ISBN 9789986680611. p. 59. [M.kr.: 10T] [Indėlis: 0,500]
- [Publikacijų grupėje: 31. Indėlis grupėje: 20,430]