

Publikacijų suvestinė pagal rūšis

Ataskaitos data:	2026-01-09
Laikotarpio tipas:	Pagal apskaitos metus
Laikotarpis:	2025 - 2025
Institucija:	Vilniaus universitetas (įmonės kodas: 211950810)
Padaliniai:	Matematikos ir informatikos fakultetas > Duomenų mokslo ir skaitmeninių technologijų institutas (111400)

Nr.	Publikacijos rūšis*	Žurnale su IF		Žurnale su SNIP	A autorių kiekis	Publikacijų kiekis	A autorių indėlis
		SCIE SSCI	AHCI ESCI				
1	D15 - Neklasifikuotas duomenų rinkinys				14	6	5,418
2	K1a - Monografija				2	1	1,000
3	K3g - Mokslo tiriamojo darbo, projekto, kita ataskaita				6	3	2,001
4	K5 - Sudarytas mokslo darbas				3	2	1,667
5	P1a - Straipsnis konferencijos darbų leidinyje Web of Science DB			+	1	1	0,125
6	P1a - Straipsnis konferencijos darbų leidinyje Web of Science DB				24	11	6,706
7	P1b - Straipsnis konferencijos darbų leidinyje Scopus DB			+	2	2	0,416
8	P1b - Straipsnis konferencijos darbų leidinyje Scopus DB				7	3	2,334
9	P1c - Straipsnis konferencijos darbų leidinyje kitoje DB				33	18	12,726
10	P1d - Straipsnis recenzuotame konferencijos darbų leidinyje				3	2	1,112
11	P2 - Straipsnis nerecenzuotame konferencijos darbų leidinyje				1	1	0,250
12	S1 - Straipsnis Web of Science DB	+	+	+	1	1	0,142
13	S1 - Straipsnis Web of Science DB	+		+	82	51	27,304
14	S1 - Straipsnis Web of Science DB		+	+	9	7	4,213
15	S1 - Straipsnis Web of Science DB		+		1	1	0,052
16	S2 - Straipsnis Scopus DB			+	1	1	0,062
17	S3 - Straipsnis kitoje DB				7	6	4,666
18	S6 - Straipsnis mokslo, meno populiarinimo leidinyje				2	1	0,400
19	S7 - Apžvalginis, informacinis, enciklopedinis straipsnis mokslo leidinyje		+	+	1	1	0,500
20	S7 - Apžvalginis, informacinis, enciklopedinis straipsnis mokslo leidinyje				2	1	0,667
21	S9 - Straipsnis žiniasklaidoje				3	3	1,250
22	T1 - Konferencijos pranešimo tezės tarptautinėse DB				15	5	4,125
23	T2 - Konferencijos pranešimo tezės				11	8	3,375
24	T3 - Kitos konferencijos pranešimo tezės				14	8	3,834
25	Y1 - Monografijos dalis				9	5	3,225
Iš viso:						149	87,570

Mokslinių ir kitų publikacijų sąrašas (papildyta kitomis publikacijomis, pažymėti institucijos autoriai)

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Institucija: Vilniaus universitetas (įmonės kodas: 211950810)
Padaliniai: Matematikos ir informatikos fakultetas > Duomenų mokslo ir skaitmeninių technologijų institutas (111400)

1. MOKSLO STRAIPSNIAI

1.1. Straipsniai *Web of Science* duomenų bazėje

1. Airapetian, Artur; Gružauskas, Valentas; **Urbonaitė, Neringa**; Bachmetjev, Benedikt; Bernadickas, Povilas; Nedzinskienė, Laura; Zablockis, Rolandas. Dynamic changes in depressive symptoms at the onset of military conflict in a neighboring country: a cross-sectional study // *Frontiers in psychiatry*. Lausanne : Frontiers Media SA. eISSN 1664-0640. 2025, vol. 16, art. no. 1593088, p. [1-15]. DOI: 10.3389/fpsyt.2025.1593088. [DB: Science Citation Index Expanded (Web of Science); Social Sciences Citation Index (Web of Science); Scopus]
2. **Alonderis, Romas**; Giedra, Haroldas. Cut-free sequent calculus for multi-agent logic of common knowledge // *Contemporary mathematics*. Singapore : Universal Wiser Publisher. ISSN 2705-1064. eISSN 2705-1056. 2025, vol. 6, iss. 2, p. 1988-2003. DOI: 10.37256/cm.6220255621. [DB: Scopus; Emerging Sources Citation Index (Web of Science)]
3. **Alonderis, Romas**; Giedra, Haroldas. Gentzen-type sequent calculus for modal logic S5 // *Logic journal of the IGPL*. Oxford : Oxford University Press. ISSN 1367-0751. eISSN 1368-9894. 2025, vol. 33, iss. 3, p. [1-12]. DOI: 10.1093/jigpal/jzaf007. [DB: Scopus; Science Citation Index Expanded (Web of Science)]
4. **Alonderis, Romas**; **Pliuškevičienė, Aida**; Giedra, Haroldas. Global condition check strategy for a cyclic sequent calculus of temporal logic // *Lithuanian mathematical journal*. New York : Springer. ISSN 0363-1672. eISSN 1573-8825. 2025, vol. 65, iss. 2, p. 167-178. DOI: 10.1007/s10986-025-09671-5. [DB: Science Citation Index Expanded (Web of Science); Scopus]
5. Althoby, Haeder Younis; Mutar, Mohammed; **Otera, Daniele Ettore**. A vertex separator problem for power graphs of groups // *Mathematics*. Basel : MDPI. eISSN 2227-7390. 2025, vol. 13, iss. 18, art. no. 2970, p. 1-11. DOI: 10.3390/math13182970. [DB: Science Citation Index Expanded (Web of Science); Scopus]
6. **Astrauskas, Arvydas**. Asymptotic results for spacings of largest order statistics // *Sankhya A*. New York : Springer. ISSN 0976-836X. eISSN 0976-8378. 2025, vol. 87, iss. 1, p. 65-95. DOI: 10.1007/s13171-024-00340-2. [DB: Emerging Sources Citation Index (Web of Science); Scopus]
7. Azami, Shahroud; Jafar, Mehdi; **Otera, Daniele Ettore**. Classification of three-dimensional contact metric manifolds with almost-generalized Z -solitons // *Mathematics*. Basel : MDPI. eISSN 2227-7390. 2025, vol. 13, iss. 23, art. no. 3765, p. [1-12]. DOI: 10.3390/math13233765. [DB: Science Citation Index Expanded (Web of Science); Scopus]
8. **Belovas, Igoris**; Čepaitytė, Rugilė; **Sabaliauskas, Martynas**. On the zero-free region and the distribution of zeros of the prime zeta function // *Analele Stiintifice ale Universitatii Ovidius Constanta-Seria Matematica*. Constanta : Ovidius University Press. ISSN 1224-1784. eISSN 1844-0835. 2025, vol. 33, [iss.] 2, p. 27-44. DOI: 10.2478/auom-2025-0017. [DB: Science Citation Index Expanded (Web of Science); Scopus]
9. **Belovas, Igoris**; **Sabaliauskas, Martynas**. On integer sequences associated with admissible prime k -tuples // *Annals of the University of Craiova: Mathematics and computer science series*. Craiova : University of Craiova. ISSN 1223-6934. eISSN 2246-9958. 2025, vol. 52, no. 1, p. 245-256. DOI: 10.52846/ami.v52i1.1988. [DB: Emerging Sources Citation Index (Web of Science); Scopus]
10. Bilbao, Javier; Bravo, Eugenio; García, Olatz; Rebollar, Carolina; Laakso, Mikko-Jussi; Kaarto, Heidi; Lehtonen, Daranee; Parviainen, Marika; Jankauskienė, Asta; Pears, Arnold; Güven, Ismail; Gulbahar, Yasemin; Öztürk, Tugba; Yenigün, Nilüfer Tan; Pluhár, Zsuzsa; Sarmasági, Pál; Rumbus, Anikó; **Dagienė, Valentina**; Masiulionytė-Dagienė, Vaida. Analytical methods and tools for evaluating the development of computational thinking abilities // *International journal of education and information technologies*. New Jersey : North Atlantic University Union

11. Brindzaitė, Rūta; Keen, Giedrė; Jonaitis, Rytis; Kaplūnaitė, Irma; **Rudinska, Agnieška**; Jakaitienė, Audronė; Jankauskas, Rimantas. Dietary tendencies between social and religious groups in Vilnius during the 13th–18th centuries // *International journal of osteoarchaeology*. Hoboken : John Wiley & Sons Ltd. ISSN 1047-482X. eISSN 1099-1212. 2025, vol. 35, iss. 5, p. 326-340. DOI: 10.1002/oa.70028. [DB: Social Sciences Citation Index (Web of Science); Arts & Humanities Citation Index (Web of Science); Scopus]
12. Būda, Vytautas; **Sapagovas, Mifodijus**; Štikonienė, Olga; Štikonas, Artūras. M-matrices and discrete problems with nonlocal boundary conditions // *Lithuanian mathematical journal*. New York : Springer. ISSN 0363-1672. eISSN 1573-8825. 2025, vol. 65, iss. 2, p. 179-200. DOI: 10.1007/s10986-025-09676-0. [DB: Science Citation Index Expanded (Web of Science); Scopus]
13. Būda, Vytautas; **Sapagovas, Mifodijus**; Štikonienė, Olga; Štikonas, Artūras. M-matrices and one-dimensional discrete Sturm–Liouville problems with nonlocal boundary conditions // *Nonlinear analysis: modelling and control*. Vilnius : Vilniaus universiteto leidykla. ISSN 1392-5113. eISSN 2335-8963. 2025, vol. 30, no. 4, p. 704-731. DOI: 10.15388/namc.2025.30.42210. [DB: Science Citation Index Expanded (Web of Science); Scopus; Dimensions]
14. **Budžys, Arnoldas; Kurasova, Olga; Medvedev, Viktor**. Integrating deep learning and data fusion for advanced keystroke dynamics authentication // *Computer standards & interfaces*. Amsterdam : Elsevier B.V. ISSN 0920-5489. 2025, vol. 92, art. no. 103931, p. 1-14. DOI: 10.1016/j.csi.2024.103931. [DB: Science Citation Index Expanded (Web of Science); Scopus]
15. **Čiginas, Andrius**; Krapavickaitė, Danutė; Nekrašaitė-Liegė, Vilma. Evaluating the impact of a non-probability sample-based estimator in a linear combination with an estimator from a probability sample // *Journal of official statistics*. Thousand Oaks, CA : SAGE Publications. ISSN 0282-423X. eISSN 2001-7367. 2025, vol. 41, iss. 2, p. 649-674. DOI: 10.1177/0282423X251331346. [DB: Science Citation Index Expanded (Web of Science); Social Sciences Citation Index (Web of Science)]
16. Čiupaila, Regimantas; **Sapagovas, Mifodijus**; Pupalaigė, Kristina; Šaltenienė, Gailė Kamilė. On error estimation and convergence of the difference scheme for a nonlinear elliptic equation with an integral boundary condition // *Mathematics*. Basel : MDPI. ISSN 2227-7390. 2025, vol. 13, iss. 5, art. no. 873, p. 1-20. DOI: 10.3390/math13050873. [DB: Science Citation Index Expanded (Web of Science); Scopus]
17. **Dastgeer, Sobia; Treigys, Povilas**. LLMs and XAI for breast cancer transparency: a review // *Baltic journal of modern computing*. Riga : University of Latvia. ISSN 2255-8942. eISSN 2255-8950. 2025, vol.13, iss. 2, p. 528-550. DOI: 10.22364/bjmc.2025.13.2.12. [DB: Emerging Sources Citation Index (Web of Science); Scopus]
18. Dragūnė, Ernesta; Morkūnaitė, Agnė; Trakymas, Gaudas Benediktas; **Vaišnorė, Ramunė**; Šaulytė Trakymienė, Sonata. Pediatric intravenous iron therapy: evaluating the safety and efficacy of iron isomaltoside and low-molecular-weight dextran // *Pediatric blood & cancer*. Hoboken : Wiley. ISSN 1545-5009. eISSN 1545-5017. 2025, vol. 72, iss. 12, art. no. e32093, p. [1-8]. DOI: 10.1002/pbc.32093. [DB: Science Citation Index Expanded (Web of Science); Scopus]
19. **Dulskis, Vytautas; Sakalauskas, Leonidas**. Toward efficient online estimation of dynamic structural equation models: a case study // *Journal of statistical computation and simulation*. Abingdon : Taylor and Francis Ltd. ISSN 0094-9655. eISSN 1563-5163. 2025, vol. 95, is. 14, p. 3024-3047. DOI: 10.1080/00949655.2025.2515955. [DB: Science Citation Index Expanded (Web of Science); Scopus]
20. **Dzemyda, Gintautas; Kurasova, Olga; Medvedev, Viktor; Šubonienė, Aušra**; Gulla, Aistė; Samuilis, Artūras; Jagminas, Džiugas; Strupas, Kęstutis. Deep learningbased aggregate analysis to identify cutoff points for decision making in pancreatic cancer detection // *Expert systems*. Hoboken : John Wiley & Sons Ltd. ISSN 0266-4720. eISSN 1468-0394. 2025, vol. 42, iss. 1, art. no. e13614, p. [1-20]. DOI: 10.1111/exsy.13614. [DB: Science Citation Index Expanded (Web of Science); Scopus]
21. Eglynas, Tomas; Lizdenis, Dovydas; **Raudys, Aistis**; Jakovlev, Sergej; Voznak, Miroslav. Exploring generative adversarial networks: comparative analysis of facial image synthesis and the extension of creative capacities in artificial intelligence // *IEEE Access*. Piscataway : Institute of Electrical and Electronics Engineers Inc. eISSN 2169-3536. 2025, vol. 13, p. 19588-19597. DOI: 10.1109/ACCESS.2025.3531726. [DB: Science Citation Index Expanded (Web of Science); Scopus; Dimensions; IEEE Xplore; DOAJ]
22. Gnusins, Vitālijs; Akhondi, Samuel; **Žvirblis, Tadas**; Pala, Kevser; Gallucci, German O.; Puišys, Algirdas. Chairside vs prefabricated sealing socket abutments for posterior immediate implants: a randomized clinical trial // *Clinical*

- implant dentistry and related research. Hoboken : Wiley. ISSN 1523-0899. eISSN 1708-8208. 2025, vol. 27, iss. 4, art. no. e70076, p. [1-13]. DOI: 10.1111/cid.70076. [DB: Science Citation Index Expanded (Web of Science); Scopus]
23. **Gricius, Rolandas; Belovas, Igoris.** On the generation of synthetic invoices for training machine learning models // IEEE Access. Piscataway, NJ : IEEE. eISSN 2169-3536. 2025, vol. 13, p. 62798-62806. DOI: 10.1109/ACCESS.2025.3555155. [DB: Science Citation Index Expanded (Web of Science); Scopus]
24. Grigaliūnaitė, Justina; **Melnik-Leroy, Gerda Ana.** Automatic accent identification using less data: a shift from global to segmental accent // Arabian journal for science and engineering. Heidelberg : Springer Nature. ISSN 2193-567X. eISSN 2191-4281. 2025, vol. 50, iss. 10, p. 7481-7494. DOI: 10.1007/s13369-024-09344-4. [DB: Science Citation Index Expanded (Web of Science); Scopus]
25. **Jukna, Stasys.** Notes on Boolean read-k and multilinear circuits // Discrete applied mathematics. Amsterdam : Elsevier. ISSN 0166-218X. eISSN 1872-6771. 2025, vol. 360, p. 307-327. DOI: 10.1016/j.dam.2024.09.023. [DB: Science Citation Index Expanded (Web of Science); Scopus]
26. **Jurkus, Robertas;** Venskus, Julius; Markevičiūtė, Jurgita; **Treigys, Povilas.** Enhancing maritime safety: estimating collision probabilities with trajectory prediction boundaries using deep learning models // Sensors. Basel : MDPI. ISSN 1424-8220. eISSN 1424-8220. 2025, vol. 25, iss. 5, art. no. 1365, p. [1-26]. DOI: 10.3390/s25051365. [DB: Scopus; Science Citation Index Expanded (Web of Science)]
27. Kairienė, Ignė; Tarutytė, Gabrielė; **Vaišnorė, Ramunė;** Kaminskas, Andrius; Petrėnas, Tomas; Songailienė, Jurgita; Eidukaitė, Audronė; Gorbikova, Evelina; Rascon, Jelena. Evaluation of biomarkers for intestinal damage in pediatric acute lymphoblastic leukemia // Scientific reports. Berlin : Springer Nature. eISSN 2045-2322. 2025, vol. 15, iss. 1, art. no. 16899, p. [1-12]. DOI: 10.1038/s41598-025-98947-4. [DB: Science Citation Index Expanded (Web of Science); Scopus]
28. Kalibatas, Paulius; Bleifertaitė, Rūta; **Vaišnorė, Ramunė;** Rascon, Jelena. Ventilation heterogeneity and lung tissue abnormalities in children after hematopoietic stem cell transplantation // Pediatrics international. Hoboken : Wiley. ISSN 1328-8067. eISSN 1442-200X. 2025, vol. 67, iss. 1, art. no. e70282, p. [1-9]. DOI: 10.1111/ped.70282. [DB: Science Citation Index Expanded (Web of Science); Scopus]
29. **Karlauskas, Kasparas;** Gelšvartas, Julius; **Treigys, Povilas.** Point cloud data mining with HD map priors for making synthetic forest datasets // IEEE journal of selected topics in applied earth observations and remote sensing. New York : Institute of Electrical and Electronics Engineers Inc. ISSN 1939-1404. eISSN 2151-1535. 2025, vol. 18, p. 19606-19617. DOI: 10.1109/JSTARS.2025.3593827. [DB: Science Citation Index Expanded (Web of Science); Scopus]
30. **Lančinskas, Algirdas; Žilinskas, Julius;** Fernández, Pascual; Pelegrín, Blas. Population-based algorithm for discrete facility location with ranking of candidate locations // Journal of computational and applied mathematics. Amsterdam : Elsevier B.V. ISSN 0377-0427. eISSN 1879-1778. 2025, vol. 457, art. no. 116304, p. [1-8]. DOI: 10.1016/j.cam.2024.116304. [DB: Science Citation Index Expanded (Web of Science); Scopus]
31. **Masiulionytė-Dagienė, Vaida; Jevsikova, Tatjana.** Towards a process-oriented assessment of computational thinking: behavioural data and machine learning approach // Interactive learning environments. Abingdon : Routledge. ISSN 1049-4820. eISSN 1744-5191. 2025, first published online, p. [1-15]. DOI: 10.1080/10494820.2025.2567601. [DB: Social Sciences Citation Index (Web of Science); Scopus]
32. Matijošius, Jonas; **Gervytė, Miglė;** Žvirblis, Tadas. Pointwise hypothesis testing of biomedical Near-Infrared Spectroscopy signals // Applied sciences: Special issue: Biomedical optics and imaging: latest advances and prospects. Basel : MDPI. eISSN 2076-3417. 2025, vol. 15, iss. 21, art. no. 11519, p. 1-29. DOI: 10.3390/app152111519. [DB: Science Citation Index Expanded (Web of Science); Scopus; DOAJ; Dimensions; INSPEC; J-Gate]
33. **Medvedev, Viktor; Budžys, Arnoldas; Kurasova, Olga.** A decision-making framework for user authentication using keystroke dynamics // Computers & security. Oxford : Elsevier B.V. ISSN 0167-4048. eISSN 1872-6208. 2025, vol. 155, art. no. 104494, p. [1-12]. DOI: 10.1016/j.cose.2025.104494. [DB: Science Citation Index Expanded (Web of Science); Scopus]
34. **Miliauskaitė, Jolanta;** Kalibatiėnė, Diana. Evolution of fuzzy sets in digital transformation era // Informatica. Vilnius : Vilniaus Universitetas. ISSN 0868-4952. eISSN 1822-8844. 2025, vol. 36, iss. 3, p. 589-624. DOI: 10.15388/25-INFOR605. [DB: INSPEC; Scilit; VINITI; Mathematical Reviews/MathSciNet; DBLP (Computer Science Bibliography); Science Citation Index Expanded (Web of Science)]

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36. Mutar, Mohammed A.; **Otera, Daniele Ettore;** Khawwan, Hasan A. Dual connectivity in graphs // *Mathematics*. Basel : MDPI. eISSN 2227-7390. 2025, vol. 13, iss. 2, art. no. 229, p. [1-10]. DOI: 10.3390/math13020229. [DB: Science Citation Index Expanded (Web of Science); Scopus]
37. Mutar, Mohammed; **Otera, Daniele Ettore;** Adel Salim, Tayyah. A note on the coprime power graph of groups // *Mathematica Slovaca*. Berlin : Walter De Gruyter. ISSN 0139-9918. eISSN 1337-2211. 2025, vol. 75, iss. 4, p. 707-712. DOI: 10.1515/ms-2025-0052. [DB: Science Citation Index Expanded (Web of Science); Scopus]
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40. **Pakštaitė, Vaiva; Filatovas, Ernestas; Juodis, Mindaugas; Paulavičius, Remigijus.** Bitcoin price regime shifts: a Bayesian MCMC and Hidden Markov Model analysis of macroeconomic influence // *Mathematics*. Basel : MDPI. eISSN 2227-7390. 2025, vol. 13, iss. 10, art. no. 1577, p. [1-25]. DOI: 10.3390/math13101577. [DB: Science Citation Index Expanded (Web of Science); Scopus]
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45. **Sapagovas, Mifodijus; Novickij, Jurij;** Pupalaigė, Kristina. On stability and convergence of difference schemes for one class of parabolic equations with nonlocal condition // *Nonlinear analysis: modelling and control*. Vilnius : Vilnius University Press. ISSN 1392-5113. eISSN 2335-8963. 2025, vol. 30, no. 1, p. 135-155. DOI: 10.15388/namc.2025.30.38346. [DB: Science Citation Index Expanded (Web of Science); Scopus; Dimensions]
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