

1. [S1; HR; OA] Albrektas, Darius; **Ivanauskas, Ernestas**. An assessment of environmental impact on glued wood building elements = Procjena utjecaja okolišnih uvjeta na lijepljene drvene elemente u graditeljstvu // Drvna industrija. Zagreb : Zagreb University. ISSN 0012-6772. eISSN 1847-1153. 2021, vol. 72, no. 1, p. 39-47. DOI: 10.5552/drvind.2021.2001. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 1,352; AIF: 2,996; IF/AIF: 0,451; Q3 (2021, InCites JCR SCIE)] [M.kr.: T 008, T 002] [Indėlis: 0,500]
2. [S1; NL; OA] Terentjevas, Justas; Šadauskaitė, Monika; **Šadauskienė, Jolanta; Ramanauskas, Juozas**; Buska, Andrius; **Fokaides, Paris A.** Numerical investigation of buildings point thermal bridges observed on window-thermal insulation interface // Case studies in construction materials. Amsterdam : Elsevier. ISSN 2214-5095. 2021, vol. 15, art. no. e00768, p. 127-140. DOI: 10.1016/j.cscm.2021.e00768. [Science Citation Index Expanded (Web of Science); Scopus; DOAJ] [IF: 4,934; AIF: 5,545; IF/AIF: 0,889; Q1 (2021, InCites JCR SCIE)] [M.kr.: T 002] [Indėlis: 0,332]
3. [S1; CH; OA] Usherov-Marshak, Aleksandr; **Vaičiukynienė, Danutė**; Krivenko, Pavel; **Bumanis, Girts**. Calorimetric studies of alkali-activated blast-furnace slag cements at early hydration processes in the temperature range of 20-80 °C // Materials. Basel : MDPI. ISSN 1996-1944. 2021, vol. 14, iss. 19, art. no. 5872, p. 1-15. DOI: 10.3390/ma14195872. [Science Citation Index Expanded (Web of Science); Scopus; Academic Search Ultimate] [IF: 3,748; AIF: 6,225; IF/AIF: 0,602; Q1 (2021, InCites JCR SCIE)] [M.kr.: T 002] [Indėlis: 0,500]
4. [S1; CH; OA] **Paukštys, Valdas; Cinelis, Gintaris; Mockienė, Jūratė; Daukšys, Mindaugas**. Airtightness and heat energy loss of mid-size terraced houses built of different construction materials // Energies. Basel : MDPI. ISSN 1996-1073. 2021, vol. 14, iss. 19, art. no. 6367, p. 1-24. DOI: 10.3390/en14196367. [Science Citation Index Expanded (Web of Science); Scopus; DOAJ] [IF: 3,252; AIF: 8,012; IF/AIF: 0,405; Q3 (2021, InCites JCR SCIE)] [M.kr.: T 002] [Indėlis: 0,875]
5. [S1; NL; OA] Cakyova, Katarina; Figueiredo, António; Oliveira, Rui; Rebelo, Filipe; Vicente, Romeu; **Fokaides, Paris**. Simulation of passive ventilation strategies towards indoor CO2 concentration reduction for passive houses // Journal of building engineering. Amsterdam : Elsevier. ISSN 2352-7102. 2021, vol. 43, art. no. 103108, p. 1-13. DOI: 10.1016/j.job.2021.103108. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 7,144; AIF: 5,065; IF/AIF: 1,410; Q1 (2021, InCites JCR SCIE)] [M.kr.: T 002] [Indėlis: 0,166]
6. [S1; GB] **Rudžionis, Žymantas; Adhikary, Suman Kumar; Manhanga, Fallon Clare**; Ashish, Deepankar Kumar; Ivanauskas, Remigijus; **Stelmokaitis, Gediminas; Navickas, Arūnas Aleksandras**. Natural zeolite powder in cementitious composites and its application as heavy metal absorbents // Journal of building engineering. Oxford : Elsevier. ISSN 2352-7102. 2021, vol. 43, art. no. 103085, p. 1-12. DOI: 10.1016/j.job.2021.103085. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 7,144; AIF: 5,065; IF/AIF: 1,410; Q1 (2021, InCites JCR SCIE)] [M.kr.: T 002, N 003] [Indėlis: 0,716]
7. [S1; NL] **Villalón Fornés, Ignacio; Vaičiukynienė, Danutė**; Nizevičienė, Dalia; **Doroševs, Viktoras**; Michalik, Bogusław. A comparative assessment of the suitability of phosphogypsum from different origins to be utilised as the binding material of construction products // Journal of building engineering. Amsterdam : Elsevier. ISSN 2352-7102. 2021, vol. 44, art. no. 102995, p. 1-16. DOI: 10.1016/j.job.2021.102995. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 7,144; AIF: 5,065; IF/AIF: 1,410; Q1 (2021, InCites JCR SCIE)] [M.kr.: T 002, T 001] [Indėlis: 0,500]
8. [S1; GB] **Vaičiukynienė, Danutė; Tamošaitis, Gintautas; Kantautas, Aras**; Nizevičienė, Dalia; **Pupeikis, Darius**. Porous alkali-activated materials based on municipal solid waste incineration ash with addition of phosphogypsum powder // Construction and building materials. Oxford : Elsevier. ISSN 0950-0618. eISSN 1879-0526. 2021, vol. 301, art. no. 123962, p. 1-8. DOI: 10.1016/j.conbuildmat.2021.123962. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 7,693; AIF: 5,545; IF/AIF: 1,387; Q1 (2021, InCites JCR SCIE)] [M.kr.: T 002, T 001] [Indėlis: 0,800]

9. [S1; GB] **Villalón Fornés, Ignacio; Vaičiukynienė, Danutė;** Nizevičienė, Dalia; **Doroševas, Viktoras.** The improvement of the water-resistance of the phosphogypsum by adding waste metallurgical sludge // *Journal of building engineering*. Oxford : Elsevier. ISSN 2352-7102. 2021, vol. 43, art. no. 102861, p. 1-11. DOI: 10.1016/j.jobte.2021.102861. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 7,144; AIF: 5,065; IF/AIF: 1,410; Q1 (2021, InCites JCR SCIE)] [M.kr.: T 001, T 002] [Indėlis: 0,750]
10. [S1; CH; OA] **Kavaliauskas, Paulius; Židanavičius, Daumantas; Jurelionis, Andrius.** Geometric accuracy of 3D reality mesh utilization for BIM-based earthwork quantity estimation workflows // *ISPRS international journal of geo-information*. Basel : MDPI. ISSN 2220-9964. 2021, vol. 10, iss. 6, art. no. 399, p. 1-22. DOI: 10.3390/ijgi10060399. [Science Citation Index Expanded (Web of Science); Scopus; DOAJ] [IF: 3,099; AIF: 4,409; IF/AIF: 0,702; Q2 (2021, InCites JCR SCIE)] [M.kr.: T 002] [Indėlis: 1,000]
11. [S1; GB] **Adhikary, Suman Kumar;** Ashish, Deepankar Kumar; **Rudžionis, Žymantas.** Expanded glass as light-weight aggregate in concrete – a review // *Journal of cleaner production*. Oxford : Elsevier. ISSN 0959-6526. eISSN 1879-1786. 2021, vol. 313, art. no. 127848, p. 1-20. DOI: 10.1016/j.jclepro.2021.127848. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 11,072; AIF: 7,953; IF/AIF: 1,392; Q1 (2021, InCites JCR SCIE)] [M.kr.: T 002] [Indėlis: 0,667]
12. [S1; NL] **Savukaitis, Giedrius; Daukšys, Mindaugas; Juočiūnas, Svajūnas; Grinys, Audrius;** Kriptavičius, Dalius. The influence of new and used formwork coated with different release agents on the appearance of the formed concrete surface // *Journal of building engineering*. Amsterdam : Elsevier. ISSN 2352-7102. 2021, vol. 42, art. no. 102807, p. 1-14. DOI: 10.1016/j.jobte.2021.102807. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 7,144; AIF: 5,065; IF/AIF: 1,410; Q1 (2021, InCites JCR SCIE)] [M.kr.: T 002] [Indėlis: 0,800]
13. [S1; CH; OA] Mikelionienė, Agnė; Vaičiukynienė, Danutė; **Kantautas, Aras;** Radzevičius, Algirdas; Zarębska, Katarzyna. Preparation of sorbents containing straelingite phase from zeolitic by-product and their performance for ammonium ion removal // *Molecules*. Basel : MDPI. ISSN 1420-3049. 2021, vol. 26, iss. 10, art. no. 3020, p. 1-13. DOI: 10.3390/molecules26103020. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 4,927; AIF: 6,975; IF/AIF: 0,706; Q2 (2021, InCites JCR SCIE)] [M.kr.: T 004, T 002] [Indėlis: 0,200]
14. [S1; NL; OA] **Tuniki, Himanshu Patel; Jurelionis, Andrius; Fokaides, Paris.** A review on the approaches in analysing energy-related occupant behaviour research // *Journal of building engineering*. Amsterdam : Elsevier. ISSN 2352-7102. 2021, vol. 40, art. no. 102630, p. 1-14. DOI: 10.1016/j.jobte.2021.102630. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 7,144; AIF: 5,065; IF/AIF: 1,410; Q1 (2021, InCites JCR SCIE)] [M.kr.: T 002] [Indėlis: 0,834]
15. [S1; CH; OA] **Vaičiukynienė, Danutė; Kantautas, Aras;** Tučkutė, Simona; **Manhanga, Fallon;** Janavičius, Eugenijus; **Ivanauskas, Ernestas; Rudžionis, Žymantas;** Gaudutis, Aloyzas. The using of concrete wash water from ready mixed concrete plants in cement systems // *Materials*. Basel : MDPI. ISSN 1996-1944. 2021, vol. 14, iss. 10, art. no. 2483, p. 1-13. DOI: 10.3390/ma14102483. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 3,748; AIF: 6,225; IF/AIF: 0,602; Q1 (2021, InCites JCR SCIE)] [M.kr.: T 006, T 002] [Indėlis: 0,625]
16. [S1; CH] **Adhikary, Suman Kumar;** Ashish, Deepankar Kumar; **Rudžionis, Žymantas.** Aerogel based thermal insulating cementitious composites: a review // *Energy and buildings*. Lausanne : Elsevier. ISSN 0378-7788. eISSN 1872-6178. 2021, vol. 245, art. no. 111058, p. 1-25. DOI: 10.1016/j.enbuild.2021.111058. [Science Citation Index Expanded (Web of Science); Scopus; Academic Search Complete] [IF: 7,201; AIF: 6,047; IF/AIF: 1,190; Q1 (2021, InCites JCR SCIE)] [M.kr.: T 002] [Indėlis: 0,667]
17. [S1; CH; OA] **Grinys, Audrius; Muthaiah, Balamurugan; Augonis, Algirdas; Ivanauskas, Ernestas.** Mechanical properties and durability of rubberized and glass powder modified rubberized concrete for whitetopping structures // *Materials*. Basel : MDPI. ISSN 1996-1944. 2021, vol. 14, iss. 9, art. no. 2321, p. 1-16. DOI: 10.3390/ma14092321. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 3,748; AIF: 6,225; IF/AIF: 0,602; Q1 (2021, InCites JCR SCIE)] [M.kr.: T 002] [Indėlis: 1,000]
18. [S1; CH; OA] Litina, Chrysoula; Bumanis, Girts; Anglani, Giovanni; Dudek, Marta; Maddalena, Riccardo; Amenta, Maria; Papaioannou, Stamatoula; Pérez, Gloria; García Calvo, José Luis; Asensio, Eloy; Beltrán Cobos, Rubén; Tavares Pinto, Fabiano; **Augonis, Algirdas;** Davies, Robert; Guerrero, Ana; Sánchez Moreno, Mercedes; Stryzewska, Teresa; Karatasios, Ioannis; Tulliani, Jean-Marc; Antonaci, Paola; Bajare, Diana; Al-Tabbaa, Abir. Evaluation of methodologies for assessing self-healing performance of concrete with mineral expansive agents: an interlaboratory study // *Materials*. Basel : MDPI. ISSN 1996-1944. 2021, vol. 14, iss. 8, art. no. 2024, p. 1-26. DOI: 10.3390/ma14082024. [Science Citation Index Expanded (Web of Science); Scopus; DOAJ] [IF: 3,748; AIF: 6,225; IF/AIF: 0,602; Q1 (2021, InCites JCR SCIE)] [M.kr.: T 002] [Indėlis: 0,045]
19. [S1; DE] **Ždankus, Tadas;** Jonynas, Rolandas; Gylys, Martynas; Gudzinskas, Juozas; **Cerneckiene, Jurgita.** Effect of liquid drainage on heat transfer from a heated surface to flow of aqueous foam // *Journal of mechanical science and technology*. Berlin : Springer. ISSN 1738-494X. eISSN 1976-3824. 2021, vol. 35, iss. 4, p. 1733-1745. DOI: 10.1007/s12206-021-0336-3. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 1,810; AIF: 3,919; IF/AIF: 0,461; Q3 (2021, InCites JCR SCIE)] [M.kr.: T 006, T 002] [Indėlis: 0,400]

20. [S1; IN] Jankauskiene, Dainora; **Dorosevas, Viktoras**; Pukite, Vivita. Monitoring and analysis of seaport piers structural elements displacements // MAPAN: journal of Metrology society of India. New Delhi : Springer. ISSN 0970-3950. eISSN 0974-9853. 2021, vol. 36, iss. 3, p. 509-514. DOI: 10.1007/s12647-021-00438-0. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 1,446; AIF: 4,736; IF/AIF: 0,305; Q4 (2021, InCites JCR SCIE)] [M.kr.: T 002, T 010] [Indėlis: 0,166]
21. [S1; US; OA] Preece, Anna-Sofia; Shu, Huan; Knutz, Malin; Kraiss, Annette M.; **Bekő, Gabriel**; Bornehag, Carl-Gustaf. Indoor phthalate exposure and contributions to total intake among pregnant women in the SELMA study // Indoor air. Hoboken, NJ : John Wiley & Sons. ISSN 0905-6947. eISSN 1600-0668. 2021, vol. 31, iss. 5, p. 1495-1508. DOI: 10.1111/ina.12813. [Science Citation Index Expanded (Web of Science); Scopus; Academic Search Complete] [IF: 6,554; AIF: 6,985; IF/AIF: 0,938; Q1 (2021, InCites JCR SCIE)] [M.kr.: T 002] [Indėlis: 0,083]
22. [S1; CH; OA] **Klumbytė, Eglė**; Bliūdžius, Raimondas; Medineckienė, Milena; **Fokaides, Paris A.** An MCDM model for sustainable decision-making in municipal residential buildings facilities management // Sustainability. Basel : MDPI. ISSN 2071-1050. eISSN 2071-1050. 2021, vol. 13, iss. 5, art. no. 2820, p. 1-17. DOI: 10.3390/su13052820. [Social Sciences Citation Index (Web of Science); Science Citation Index Expanded (Web of Science); Scopus] [IF: 3,889; AIF: 6,732; IF/AIF: 0,577; Q2 (2021, InCites JCR SCIE)] [M.kr.: S 003, S 004, T 002] [Indėlis: 0,375]
23. [S1; CH; OA] **Daugelaitė, Aurelija**; **Grazulevičiute-Vileniske, Indre.** The relationship between ethics and aesthetics in sustainable architecture of the Baltic sea region // Sustainability. Basel : MDPI. ISSN 2071-1050. 2021, vol. 13, iss. 4, art. no. 2259, p. 1-15. DOI: 10.3390/su13042259. [Social Sciences Citation Index (Web of Science); Scopus; DOAJ] [IF: 3,889; AIF: 6,732; IF/AIF: 0,577; Q2 (2021, InCites JCR SCIE)] [M.kr.: H 003] [Indėlis: 1,000]
24. [S1; CH; OA] Paukštaitis, Linas; Kilikevičius, Sigitas; Česnavičius, Ramūnas; Liutkauskienė, Kristina; **Ždankus, Tadas.** The influence of boiling on the streamlined body drag force and falling velocity // Applied sciences. Basel : MDPI. ISSN 2076-3417. 2021, vol. 11, iss. 4, art. no. 1562, p. 1-11. DOI: 10.3390/app11041562. [Science Citation Index Expanded (Web of Science); Scopus; DOAJ] [IF: 2,838; AIF: 5,795; IF/AIF: 0,489; Q2 (2021, InCites JCR SCIE)] [M.kr.: T 006, T 003, T 009, T 002] [Indėlis: 0,200]
25. [S1; CH; OA] Vaičiukynienė, Danutė; Mikėlionienė, Agnė; **Kantautas, Aras**; Radzevičius, Algirdas; Bajare, Diana. The influence of zeolitic by-product containing ammonium ions on properties of hardened cement paste // Minerals. Basel : MDPI. ISSN 2075-163X. 2021, vol. 11, iss. 2, art. no. 123, p. 1-11. DOI: 10.3390/min11020123. [Science Citation Index Expanded (Web of Science); Scopus; Academic Search Complete] [IF: 2,818; AIF: 3,511; IF/AIF: 0,802; Q2 (2021, InCites JCR SCIE)] [M.kr.: T 002] [Indėlis: 0,200]
26. [S1; GB; OA] **Adhikary, Suman Kumar**; **Rudžionis, Žymantas**; Tučkutė, Simona; Ashish, Deepankar Kumar. Effects of carbon nanotubes on expanded glass and silica aerogel based lightweight concrete // Scientific reports. London : Nature research. ISSN 2045-2322. 2021, vol. 11, iss. 1, art. no. 2104, p. 1-11. DOI: 10.1038/s41598-021-81665-y. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 4,997; AIF: 7,694; IF/AIF: 0,649; Q2 (2021, InCites JCR SCIE)] [M.kr.: T 002, T 006] [Indėlis: 0,500]
27. [S1; CH] **Bocullo, Vytautas**; Vitola, Laura; **Vaičiukynienė, Danutė**; Kantautas, Aras; Bajare, Diana. The influence of the SiO<sub>2</sub>/Na<sub>2</sub>O ratio on the low calcium alkali activated binder based on fly ash // Materials chemistry and physics. Lausanne : Elsevier. ISSN 0254-0584. eISSN 1879-3312. 2021, vol. 258, art. no. 123846, p. 1-8. DOI: 10.1016/j.matchemphys.2020.123846. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 4,778; AIF: 6,504; IF/AIF: 0,734; Q2 (2021, InCites JCR SCIE)] [M.kr.: T 002, T 005] [Indėlis: 0,400]
28. [S1; NL] **Vaičiukynienė, D.**; Nizevičienė, D.; Kantautas, A.; **Kielė, A.**; **Bocullo, V.** Alkali activated binders based on biomass bottom ash and silica by-product blends // Waste and biomass valorization. Dordrecht : Springer. ISSN 1877-2641. eISSN 1877-265X. 2021, vol. 12, iss. 2, p. 1095-1105. DOI: 10.1007/s12649-020-01042-0. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 3,449; AIF: 6,309; IF/AIF: 0,546; Q3 (2021, InCites JCR SCIE)] [M.kr.: T 001, T 005, T 002] [Indėlis: 0,600]
29. [S1; NL] **Villalon Fornes, Ignacio**; **Vaičiukynienė, Danutė**; Nizevičienė, Dalia; **Dorošėvas, Viktoras**; Dvořák, Karel. A method to prepare a high-strength building material from press-formed phosphogypsum purified with waste zeolite // Journal of building engineering. Amsterdam : Elsevier. eISSN 2352-7102. 2021, vol. 34, art. no. 101919, p. 1-10. DOI: 10.1016/j.job.2020.101919. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 7,144; AIF: 5,065; IF/AIF: 1,410; Q1 (2021, InCites JCR SCIE)] [M.kr.: T 002, T 001] [Indėlis: 0,600]
30. [S1; NL; OA] **Vaičiukynienė, Danutė**; Jakevičius, Leonas; **Kantautas, Aras**; **Vaitkevičius, Vitoldas**; Vaičiukynas, Vilimantas; Dvořák, Karel. Conversion of silica by-product into zeolites by thermo-sonochemical treatment // Ultrasonics sonochemistry. Amsterdam : Elsevier. ISSN 1350-4177. eISSN 1873-2828. 2021, vol. 72, art. no. 105426, p. 1-8. DOI: 10.1016/j.ultsonch.2020.105426. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 9,336; AIF: 5,473; IF/AIF: 1,705; Q1 (2021, InCites JCR SCIE)] [M.kr.: T 002, N 002] [Indėlis: 0,502]
31. [S1; CH; OA] **Rugytė, Audrė**; **Daukšys, Mindaugas**; **Juočiūnas, Svajūnas**; Borg, Ruben Paul. The behaviour

of fresh concrete with varying coarse aggregate content at the concrete-steel wall interface // Buildings. Basel : MDPI. ISSN 2075-5309. 2021, vol. 11, iss. 1, art. no. 2, p. 1-18. DOI: 10.3390/buildings11010002. [Science Citation Index Expanded (Web of Science); Scopus; DOAJ] [IF: 3,324; AIF: 5,065; IF/AIF: 0,656; Q2 (2021, InCites JCR SCIE)] [M.kr.: T 002] [Indėlis: 0,750]

32. [S1; NL] **Villal3n Forn3s, Ignacio; Dorosevas, Viktoras; Vaiciukyniene, Danute**; Nizeviciene, Dalia. The investigation of phosphogypsum specimens processed by press-forming method // Waste and biomass valorization. Dordrecht : Springer. ISSN 1877-2641. eISSN 1877-265X. 2021, vol. 12, iss. 3, p. 1539-1551. DOI: 10.1007/s12649-020-01067-5. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 3,449; AIF: 6,309; IF/AIF: 0,546; Q3 (2021, InCites JCR SCIE)] [M.kr.: T 009, T 001, T 002] [Indėlis: 0,750]

#### Nacionalinėse (Lietuvos) leidyklose

1. [S1; LT; OA] Gadal, S3bastien; **Gloaguen, Thomas Andre Jeremy**. Environmental issues in the coastal regions of the south-eastern Baltic Sea: a sensitive natural environment in the face of increasing anthropic pressures // Baltica. Vilnius : Gamtos tyrimų centras. ISSN 0067-3064. eISSN 1648-858X. 2021, vol. 34, iss. 2, p. 203-215. DOI: 10.5200/baltica.2021.2.6. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 0,727; AIF: 2,700; IF/AIF: 0,269; Q4 (2021, InCites JCR SCIE)] [M.kr.: H 005, N 012, N 006] [Indėlis: 0,125]
2. [S1; LT; OA] **Martinavičius, Deividas; Augonis, Mindaugas**. Influence of imperfections on behaviour of thin-walled steel-concrete composite columns // Mechanika. Kaunas : KTU. ISSN 1392-1207. eISSN 2029-6983. 2021, vol. 27, no. 1, p. 5-11. DOI: 10.5755/j02.mech.25935. [Science Citation Index Expanded (Web of Science); Scopus; Academic Search Complete] [IF: 0,579; AIF: 4,412; IF/AIF: 0,131; Q4 (2021, InCites JCR SCIE)] [M.kr.: T 002] [Indėlis: 1,000]