

KTU FCEA ARTICLES IN REVIEWED SCIENTIFIC PUBLICATIONS 2018

In publications indexed in the Web of Science database with a citation index (JCR SCIE) in international (foreign) publishers

1. [S1; US; OA] Jutas, Audrius; **Mockiene, Jūratė**; Vaičiukynas, Vilimantas; Zaldarys, Gintautas; **Cinelis, Gintaris**. Deformability behavior of St3 steel used in the profiles of high-voltage poles // *Strength of materials*. New York : Springer. ISSN 0039-2316. eISSN 1573-9325. 2018, vol. 50, iss. 3, p. 465-477. DOI: 10.1007/s11223-018-9991-8. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 0,670; AIF: 1,889; IF/AIF: 0,354; Q4 (2018, InCites JCR SCIE)] [M.kr.: T 004, T 002] [Indėlis: 0,400]
2. [S1; NL] Panteli, Christiana; Kylili, Angeliki; **Stasiulienė, Laura**; **Seduikyte, Lina**; **Fokaides, Paris A.** A framework for building overhang design using building information modeling and Life Cycle Assessment // *Journal of Building Engineering*. Amsterdam : Elsevier. ISSN 2352-7102. 2018, Vol. 20, p. 248-255. DOI: 10.1016/j.jobe.2018.07.022. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 2,378; AIF: 2,880; IF/AIF: 0,825; Q2 (2018, InCites JCR SCIE)] [M.kr.: T 002] [Indėlis: 0,500]
3. [S1; NL] Jasiūnienė, Elena; Cicėnas, Vaidotas; **Grigaliūnas, Paulius**; **Rudžionis, Žymantas**; **Navickas, Arūnas Aleksandras**. Influence of the rheological properties on the steel fibre distribution and orientation in self-compacting concrete // *Materials and structures*. Dordrecht : Springer. ISSN 1359-5997. eISSN 1871-6873. 2018, vol. 51, iss. 4, art. no. 103, p. 1261-1281. DOI: 10.1617/s11527-018-1231-y. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 2,548; AIF: 3,570; IF/AIF: 0,713; Q2 (2018, InCites JCR SCIE)] [M.kr.: T 002, T 010, T 001] [Indėlis: 0,600]
4. [S1; GB] **Vaičiukynienė, D.**; Nizevičienė, D.; **Kielė, A.**; **Janavičius, E.**; **Pupeikis, D.** Effect of phosphogypsum on the stability upon firing treatment of alkali-activated slag // *Construction and Building Materials*. Oxford : Elsevier. ISSN 0950-0618. eISSN 1879-0526. 2018, vol. 184, p. 485-491. DOI: 10.1016/j.conbuildmat.2018.06.213. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 4,046; AIF: 3,570; IF/AIF: 1,133; Q1 (2018, InCites JCR SCIE)] [M.kr.: T 005, T 002, T 001] [Indėlis: 0,800]
5. [S1; GB] Tsagarakis, Konstantinos P.; Mavragani, A.; **Jurelionis, Andrius**; Prodan, I.; Andrian, T.; Bajare, D.; Korjakins, A.; Magelinskaitė-Legkauskienė, Šarūnė; Razvan, V.; **Stasiulienė, Laura**. Clean vs. Green: Redefining renewable energy. Evidence from Latvia, Lithuania, and Romania // *Renewable energy*. Kidlington : Elsevier. ISSN 0960-1481. 2018, vol. 121, p. 412-419. DOI: 10.1016/j.renene.2018.01.020. [Science Citation Index Expanded (Web of Science); Scopus; GreenFILE] [IF: 5,439; AIF: 5,720; IF/AIF: 0,950; Q1 (2018, InCites JCR SCIE)] [M.kr.: N 012, T 002] [Indėlis: 0,200]
6. [S1; CH; OA] **Fokaides, Paris A.**; Kylili, Angeliki; Kyriakides, Ioannis. Boundary conditions accuracy effect on the numerical simulations of the thermal performance of building elements // *Energies*. Basel : MDPI. ISSN 1996-1073. 2018, vol. 11, iss. 6, art. no. 1520, p. 1-19. DOI: 10.3390/en11061520. [Science Citation Index Expanded (Web of Science); Scopus; DOAJ] [IF: 2,707; AIF: 5,829; IF/AIF: 0,464; Q3 (2018, InCites JCR SCIE)] [M.kr.: T 002] [Indėlis: 0,167]
7. [S1; GB] Nizevičienė, Dalia; **Vaičiukynienė, Danutė**; Michalik, Boguslaw; Bonczyk, Michał; **Vaitkevičius, Vitoldas**; Jusas, Vacius. The treatment of phosphogypsum with zeolite to use it in binding material // *Construction and building materials*. Oxford : Elsevier. ISSN 0950-0618. eISSN 1879-0526. 2018, vol. 180, p. 134-142. DOI: 10.1016/j.conbuildmat.2018.05.208. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 4,046; AIF: 3,570; IF/AIF: 1,133; Q1 (2018, InCites JCR SCIE)] [M.kr.: T 002, T 007, T 005, T 001] [Indėlis: 0,332]
8. [S1; US; OA] **Daukšys, Mindaugas**; Skripkiūnas, Gintautas. Testing of rheological properties of concrete mixtures using a special vibroviscometer // *Journal of Materials in Civil Engineering*. Reston : ASCE. ISSN 0899-1561. eISSN 1943-5533. 2018, vol. 30, iss. 7, art. no. 04018139, p. 1-8. DOI: 10.1061/(ASCE)MT.1943-5533.0002281. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 1,984; AIF: 3,570; IF/AIF: 0,555; Q2 (2018, InCites JCR SCIE)] [M.kr.: T 008, T 002] [Indėlis: 0,500]

9. [S1; GB] **Vaičiukynienė, Danutė**; Borg, Ruben Paul; **Kielė, Andrius**; Kantautas, Aras. Alkali-activated blends of calcined AIF3 production waste and clay // *Ceramics International*. Oxon : Elsevier. ISSN 0272-8842. eISSN 1873-3956. 2018, vol. 44, iss. 11, p. 12573-12579. DOI: 10.1016/j.ceramint.2018.04.054. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 3,450; AIF: 2,588; IF/AIF: 1,333; Q1 (2018, InCites JCR SCIE)] [M.kr.: T 002, T 005] [Indėlis: 0,500]
10. [S1; NL; OA] **Seduikyte, Lina**; **Grazuleviciute-Vileniske, Indre**; Kvasova, Olga; **Strasinskaite, Erika**. Knowledge transfer in sustainable management of heritage buildings. Case of Lithuania and Cyprus // *Sustainable cities and society*. Amsterdam : Elsevier. ISSN 2210-6707. eISSN 2210-6715. 2018, vol. 40, p. 66-74. DOI: 10.1016/j.scs.2018.03.013. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 4,624; AIF: 4,836; IF/AIF: 0,956; Q1 (2018, InCites JCR SCIE)] [M.kr.: T 002] [Indėlis: 0,750]
11. [S1; CH] Souliotis, Manolis; Panaras, Giorgos; **Fokaides, Paris**; Papaefthimiou, Spiros; Kalogirou, Soteris A. Solar water heating for social housing: energy analysis and Life Cycle Assessment // *Energy and buildings*. Lausanne : Elsevier. ISSN 0378-7788. eISSN 1872-6178. 2018, vol. 169, p. 157-171. DOI: 10.1016/j.enbuild.2018.03.048. [Science Citation Index Expanded (Web of Science); Scopus; Academic Search Complete] [IF: 4,495; AIF: 3,863; IF/AIF: 1,163; Q1 (2018, InCites JCR SCIE)] [M.kr.: T 002] [Indėlis: 0,100]
12. [S1; GB] **Vaitkevičius, Vitoldas**; **Šerelis, Evaldas**; **Kerševičius, Vidas**. Effect of ultra-sonic activation on early hydration process in 3D concrete printing technology // *Construction and building materials*. Oxford : Elsevier. ISSN 0950-0618. eISSN 1879-0526. 2018, vol. 169, p. 354-363. DOI: 10.1016/j.conbuildmat.2018.03.007. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 4,046; AIF: 3,570; IF/AIF: 1,133; Q1 (2018, InCites JCR SCIE)] [M.kr.: T 002] [Indėlis: 1,000]
13. [S1; GB] **Zdankus, T.**; Gyls, M.; Paukstaitis, L.; Jonynas, R. Experimental investigation of heat transfer from a horizontal flat surface to aqueous foam flow // *International journal of heat and mass transfer*. Oxford : Elsevier. ISSN 0017-9310. 2018, vol. 123, p. 489-499. DOI: 10.1016/j.ijheatmasstransfer.2018.02.116. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 4,346; AIF: 3,005; IF/AIF: 1,446; Q1 (2018, InCites JCR SCIE)] [M.kr.: T 002, T 006] [Indėlis: 0,250]
14. [S1; GB] **Vaičiukynienė, Danutė**; Michalik, Boguslaw; Bonczyk, Michał; Vaičiukynas, Vilimantas; Kantautas, Aras; **Krulikauskaitė, Jūratė**. Zeolitized bottom ashes from biomass combustion as cement replacing components // *Construction and Building Materials*. Oxford : Elsevier. ISSN 0950-0618. eISSN 1879-0526. 2018, vol. 168, p. 988-994. DOI: 10.1016/j.conbuildmat.2018.02.057. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 4,046; AIF: 3,570; IF/AIF: 1,133; Q1 (2018, InCites JCR SCIE)] [M.kr.: T 002, T 005] [Indėlis: 0,336]
15. [S1; GB] Levinskas, Rimantas; Lukošiuūtė, Irena; Baltušnikas, Arūnas; Kuoga, Algirdas; **Luobikienė, Aldona**; García, J.R.; Martínez, I.C; Brostow, Witold. Modified xonotlite-type calcium silicate hydrate slabs for fire doors // *Journal of fire sciences*. London : SAGE. ISSN 0734-9041. eISSN 1530-8049. 2018, vol. 36, iss. 2, p. 83-96. DOI: 10.1177/0734904118754381. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 1,155; AIF: 3,771; IF/AIF: 0,306; Q3 (2018, InCites JCR SCIE)] [M.kr.: T 002] [Indėlis: 0,125]
16. [S1; GB] **Jurelionis, Andrius**; **Stasiuliene, Laura**; Prasauskas, Tadas; Martuzevicius, Dainius. Dispersion of indoor air pollutants emitted at near-floor levels in rooms with floor heating and mixing ventilation // *Indoor and built environment*. London : SAGE. ISSN 1420-326X. eISSN 1423-0070. 2018, vol. 27, iss. 2, p. 205-218. DOI: 10.1177/1420326X16669975. [Science Citation Index Expanded (Web of Science); Scopus; Environment Complete] [IF: 1,367; AIF: 3,876; IF/AIF: 0,352; Q3 (2018, InCites JCR SCIE)] [M.kr.: T 002, T 004] [Indėlis: 0,500]
17. [S1; GB] Balevičius, Robertas; **Augonis, Mindaugas**. The effects of bond, shrinkage and creep on cracking resistance of steel and GFRP RC members // *Composite Structures*. Oxford : Elsevier. ISSN 0263-8223. 2018, Vol. 187, p. 85-101. DOI: 10.1016/j.compstruct.2017.12.025. [Science Citation Index Expanded (Web of Science); Scopus; Current Contents / Engineering, Computing & Technology] [IF: 4,829; AIF: 4,120; IF/AIF: 1,172; Q1 (2018, InCites JCR SCIE)] [M.kr.: T 002] [Indėlis: 0,500]

Nacionalinėse (Lietuvos) leidyklose

1. [S1; LT; OA] **Doroševas, Viktoras**. Analytical method for analysis of interaction of retaining wall backfilled with soil under explosion loading // *Mechanika*. Kaunas : KTU. ISSN 1392-1207. eISSN 2029-6983. 2018, vol. 24, no. 1, p. 74-79. DOI: 10.5755/j01.mech.24.1.19448. [Science Citation Index Expanded (Web of Science); Scopus; Academic Search Complete] [IF: 0,500; AIF: 2,950; IF/AIF: 0,169; Q4 (2018, InCites JCR SCIE)] [M.kr.: T 002] [Indėlis: 1,000]
2. [S1; LT; OA] Balevičius, Robertas; **Augonis, Mindaugas**; **Bistrickaitė, Rėda**; Diliūnas, Saulius. Shrinkage effect on cracking resistance of flexural reinforced concrete members // *Mechanika*. Kaunas : KTU. ISSN 1392-1207. eISSN 2029-6983. 2018, vol. 24, no. 1, p. 11-18. DOI: 10.5755/j01.mech.24.1.17901. [Science Citation Index Expanded (Web of Science); Scopus; Academic Search Complete] [IF: 0,500; AIF: 2,950; IF/AIF: 0,169; Q4 (2018, InCites JCR SCIE)] [M.kr.: T 009, T 002] [Indėlis: 0,500]