

KTU FCEA ARTICLES IN REVIEWED SCIENTIFIC PUBLICATIONS 2019

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

1. [S1; CH; OA] **Valancius, Rokas**; Singh, Rao Martand; **Jurelionis, Andrius**; **Vaiciunas, Juozas**. A review of heat pump systems and applications in cold climates: evidence from Lithuania // *Energies*. Basel : MDPI. ISSN 1996-1073. 2019, vol. 12, iss. 22, art. no. 4331, p. 1-18. DOI: 10.3390/en12224331. [Science Citation Index Expanded (Web of Science); Scopus; DOAJ] [IF: 2,702; AIF: 6,348; IF/AIF: 0,425; Q3 (2019, InCites JCR SCIE)] [M.kr.: T 002] [Indėlis: 0,750]
2. [S1; FR; OA] Rudokas, Kastytis; Landauskas, Mantas; **Gražulevičiūtė-Vileniškė, Indrė**; **Viliūnienė, Odeta**. Valuing the socio-economic benefits of built heritage: local context and mathematical modeling // *Journal of cultural heritage*. Paris : Elsevier. ISSN 1296-2074. eISSN 1778-3674. 2019, vol. 39, p. 229-237. DOI: 10.1016/j.culher.2019.02.016. [Arts & Humanities Citation Index (Web of Science); Science Citation Index Expanded (Web of Science); Scopus] [IF: 2,553; AIF: 3,649; IF/AIF: 0,699; Q2 (2019, InCites JCR SCIE)] [M.kr.: N 001, T 002, H 003] [Indėlis: 0,500]
3. [S1; GB] Lagou, Androniki; Kylili, Angeliki; **Šadauskienė, Jolanta**; **Fokaides, Paris A.** Numerical investigation of phase change materials (PCM) optimal melting properties and position in building elements under diverse conditions // *Construction and Building Materials*. Kidlington : Elsevier. ISSN 0950-0618. eISSN 1879-0526. 2019, Vol. 225, p. 452-464. DOI: 10.1016/j.conbuildmat.2019.07.199. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 4,419; AIF: 3,876; IF/AIF: 1,140; Q1 (2019, InCites JCR SCIE)] [M.kr.: T 002] [Indėlis: 0,375]
4. [S1; LV; OA] **Kargaudas, Vytautas**; **Adamukaitis, Nerijus**; **Žmuida, Mykolas**; Pakalnis, Algis; **Zadlauskas, Saulius**. Elastic foundation displacement approximations // *Baltic journal of road and bridge engineering*. Riga : Riga Technical University. ISSN 1822-427X. eISSN 1822-4288. 2019, vol. 14, iss. 2, p. 125-135. DOI: 10.7250/bjrbe.2019-14.436. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 0,620; AIF: 2,918; IF/AIF: 0,212; Q4 (2019, InCites JCR SCIE)] [M.kr.: T 002] [Indėlis: 0,800]
5. [S1; GB] Arnaoutakis, Nektarios; Milousi, Maria; Papaefthimiou, Spiros; **Fokaides, Paris A.**; Caouris, Yannis G.; Souliotis, Manolis. Life cycle assessment as a methodological tool for the optimum design of integrated collector storage solar water heaters // *Energy*. Oxford : Elsevier. ISSN 0360-5442. eISSN 1873-6785. 2019, vol. 182, p. 1084-1099. DOI: 10.1016/j.energy.2019.06.097. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 6,082; AIF: 5,104; IF/AIF: 1,191; Q1 (2019, InCites JCR SCIE)] [M.kr.: T 002] [Indėlis: 0,083]
6. [S1; CH; OA] **Seduikyte, Lina**; **Stasiulienė, Laura**; Prasauskas, Tadas; Martuzevičius, Dainius; **Černeckienė, Jurgita**; **Ždankus, Tadas**; **Dobravalskis, Mantas**; **Fokaides, Paris**. Field measurements and numerical simulation for the definition of the thermal stratification and ventilation performance in a mechanically ventilated sports hall // *Energies*. Basel : MDPI. ISSN 1996-1073. 2019, vol. 12, iss. 12, art. no. 2243, p. 1-14. DOI: 10.3390/en12122243. [Science Citation Index Expanded (Web of Science); Scopus; DOAJ] [IF: 2,702; AIF: 6,348; IF/AIF: 0,425; Q3 (2019, InCites JCR SCIE)] [M.kr.: T 004, T 002] [Indėlis: 0,688]
7. [S1; CH; OA] Tamašauskas, Rokas; **Šadauskienė, Jolanta**; Bruzgevičius, Patrikas; Krawczyk, Dorota Anna. Investigation and evaluation of primary energy from wind turbines for a Nearly Zero Energy Building (nZEB) // *Energies*. Basel : MDPI. ISSN 1996-1073. 2019, vol. 12, iss. 11, art. no. 2145, p. 1-13. DOI: 10.3390/en12112145. [Science Citation Index Expanded (Web of Science); Scopus; DOAJ] [IF: 2,702; AIF: 6,348; IF/AIF: 0,425; Q3 (2019, InCites JCR SCIE)] [M.kr.: T 002] [Indėlis: 0,250]
8. [S1; CH; OA] **Matijošaitienė, Irina**; McDowald, Anthony; Juneja, Vishal. Predicting safe parking spaces: a machine learning approach to geospatial urban and crime data // *Sustainability*. Basel : MDPI. ISSN 2071-1050. 2019, vol. 11, iss. 10, art. no. 2848, p. 1-15. DOI: 10.3390/su11102848. [Social Sciences Citation Index (Web of Science); Scopus; DOAJ] [IF: 2,576; AIF: 5,046; IF/AIF: 0,510; Q2 (2019, InCites JCR SCIE)] [M.kr.: H 003, N 009, T 004] [Indėlis: 0,450]

9. [S1; NL] Krivenko, Pavel; **Vaičiukynienė, Danutė**; Kantautas, Aras; **Vaitkevičius, Vitoldas**; **Šerelis, Evaldas**. Effect of AIF3 production waste on the processes of hydration and hardening of the alkali-activated Portland cement with sodium silicate hydrate // *Journal of Thermal Analysis and Calorimetry*. Amsterdam : Springer. ISSN 1388-6150. eISSN 1588-2926. 2019, Vol. 138, iss. 2, p. 879-887. DOI: 10.1007/s10973-019-08086-y. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 2,731; AIF: 4,796; IF/AIF: 0,569; Q2 (2019, InCites JCR SCIE)] [M.kr.: T 005, T 002] [Indėlis: 0,600]
10. [S1; NL] Nizevičienė, Dalia; **Vaičiukynienė, Danutė**; **Kielė, Andrius**; Vaičiukynas, Vilimantas. Mechanical activation on phosphogypsum: hydrosodalite system // *Waste and Biomass Valorization*. Dordrecht : Springer. ISSN 1877-2641. eISSN 1877-265X. 2019, vol. 10, iss. 11, p. 3485-3491. DOI: 10.1007/s12649-018-0339-1. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 2,851; AIF: 4,313; IF/AIF: 0,661; Q2 (2019, InCites JCR SCIE)] [M.kr.: T 001, T 002, T 005] [Indėlis: 0,500]
11. [S1; CH; OA] **Matijosaitiene, Irina**; Zhao, Peng; Jaume, Sylvain; Gilkey, Joseph W. Prediction of hourly effect of land use on crime // *ISPRS international journal of geo-information*. Basel : MDPI. ISSN 2220-9964. 2019, vol. 8, iss. 1, art. no. 16, p. 435-443. DOI: 10.3390/ijgi8010016. [Social Sciences Citation Index (Web of Science); Science Citation Index Expanded (Web of Science); Scopus] [IF: 2,239; AIF: 3,672; IF/AIF: 0,609; Q3 (2019, InCites JCR SCIE)] [M.kr.: H 003, N 001, T 004] [Indėlis: 0,840]

Nacionalinėse (Lietuvos) leidyklose

1. [S1; LT; OA] **Kelpša, Šarūnas**; Rinkevičius, Gediminas; **Zingaila, Tadas**; **Augonis, Mindaugas**; Kitovas, Vadimas. Coefficient of moment of inertia for ribbed RC slab beams // *Mechanika*. Kaunas : KTU. ISSN 1392-1207. eISSN 2029-6983. 2019, vol. 25, no. 3, p. 178-186. DOI: 10.5755/j01.mech.25.3.22691. [Science Citation Index Expanded (Web of Science); Scopus; Academic Search Complete] [IF: 0,458; AIF: 3,415; IF/AIF: 0,134; Q4 (2019, InCites JCR SCIE)] [M.kr.: T 002] [Indėlis: 0,600]