

Komisie KEGA - Vedecká charakteristika kandidáta

Základné údaje

Meno:	Ľubomír
Priezvisko:	Šooš
Organizácia:	Slovenská technická univerzita, Strojnícka fakulta

Prehľad publikačných aktivít

Kód*	Kategória publikačnej činnosti*	Počet celkom	Počet za ostatných 5 rokov
AAA, AAB, ABA, ABB	vedecké monografie, resp. štúdie charakteru vedeckej monografie vydané v zahraničných a domácich vydavateľstvách	7	4
ABC, ABD	kapitoly v zahraničných a domácich vedeckých monografiách	0	0
ADC, ADD	vedecké práce v zahraničných a domácich karentovaných časopisoch	6	5
ADM, ADN	vedecké práce v zahraničných a domácich časopisoch registrovaných v databázach Web of Science alebo SCOPUS	22	22
ADE, ADF	vedecké práce v ostatných zahraničných a domácich časopisoch	48	11
AEC, AED	vedecké práce v zahraničných a domácich recenzovaných vedeckých zborníkoch, monografiách	10	
AFC, AFD	publikované príspevky na zahraničných a domácich vedeckých konferenciách (úplné texty)	230	62
AGJ	patentové prihlášky, prihlášky úžitkových vzorov, prihlášky dizajnov, prihlášky ochranných známok...	52	29
...	Ostatné	266	132
...	...		
...	Spolu	641	268

* podľa vyhlášky MŠVVaŠ SR č. 456/2012 o centrálnom registri evidencie publikačnej činnosti a centrálnom registri evidencie umeleckej činnosti

Linky na prehľad publikačnej činnosti (v organizácii a/alebo bibliografických databázach)

<https://kis.cvt.stuba.sk/i3/epcareports/epcarep.csp?ictx=stu&language=1>

Citačný ohlas (bez autocitácií)

Kód*	Kategória*	Počet celkom
1, 2	citácie v zahraničných a domácich publikáciách registrované v databázach Web of Science a SCOPUS	162
3, 4	citácie v zahraničných a domácich publikáciách neregistrované v citačných indexoch	313

* podľa vyhlášky MŠVVaŠ SR č. 456/2012 o centrálnom registri evidencie publikačnej činnosti a centrálnom registri evidencie umeleckej činnosti

Najvýznamnejšie uznanie vedeckých výsledkov a vedecké aktivity (napr. ocenenia za vedeckú prácu, funkcie a členstvá, študijné pobyty, riešené projekty a pod.)

2014 – Cena Jána Bahýľa, Banská Bystrica, Predseda úradu priemyselného vlastníctva SR, za patenty
 2015 – Cena Georgiusa Agricola, rektor VŠB, TU Ostrava, za spoluprácu medzi Sjf STU a FS VŠB,

2015 – Profesor roka 2015, STU v Bratislave, za výsledky vo výskume a spoluprácu s praxou,
 2016 – IAAM Scientist Medal -2016, Advanced Materials Science and Technology, 5.12. 2016, Miami, USA
 2017 - Vedec roka Slovenskej republiky, v kategórii „Inovátor“, Bratislava, za množstvo udelených patentov a prínos v oblasti ochrany duševného vlastníctva
 2018 – Trinec (CZ) „Gold Medal“, on International exhibition of technical Innovations, Patents and Inventions,
 2019 – Doctor Honoris Causa – Vysoká škola báňská, TU Ostrava

Výber 5 najvýznamnejších vedeckých prác* za ostatných 10 rokov a úplný zoznam citácií (bez autocitácií) na uvedené publikácie

- ADC01 **DOVICA, Miroslav - BUŠA, Ján - PALEŇČÁR, Rudolf - ĎURIŠ, Stanislav - ŠOOŠ, Ľubomír - VRBA, Igor Vladislav - KELEMENOVÁ, Tatiana - ŠKOVŘÁNEK, Tomáš. Comparison of methods for analysis of deviations from roundness. In Measurement Techniques. Vol. 56, No. 9 (2013), s.1021-1025. ISSN 0543-1972 (2013: 0.191 - IF, 4 - JCR Best Q).**
- Ohlasy:
- [1] TODOROVIC, Petar - Tadic, Branko - Vukelic, Djordje - Jeremic, Marija - Randjelovic, Sasa - Nikolic, Radovan. Analysis of the influence of loading and the plasticity index on variations in surface roughness between two flat surfaces. In TRIBOLOGY INTERNATIONAL, 2015, vol. 81, no., pp. 276-282. ISSN 0301-679X., Registrované v: WOS
 - [1] ZAKHAROV, O. V. - BOBROVSKIJ, I. N. - KOCHETKOV, A. V. Analysis of Methods for Estimation of Machine Workpiece Roundness. In Procedia Engineering, 2016-01-01, 150, pp. 963-968., Registrované v: SCOPUS, WOS
 - [1] ZAKHAROV, Oleg V. - KUSHNIKOV, Vadim A. - KOCHETKOV, Andrei V. - RESHETNIKOVA, Evgeniia P. Perspective Algorithms for the Hexapod Control Used to Measure Complex Surfaces. In 2015 INTERNATIONAL CONFERENCE ON MECHANICAL ENGINEERING, AUTOMATION AND CONTROL SYSTEMS (MEACS), 2015, vol., no., pp., Registrované v: WOS
 - [1] ZAKHAROV, Oleg V. - GRECHNIKOV, Fedor V. - BOBROVSKIJ, Nikolaj M. - KOCHETKOV, Andrei V. - BOBROVSKIJ, Igor N. - KOROLEV, Andrey A. Without Differential Method for Determining the Points of Tangency with Rotation Surfaces when Measured on CMMs. In 2016 13TH INTERNATIONAL SCIENTIFIC-TECHNICAL CONFERENCE ON ACTUAL PROBLEMS OF ELECTRONIC INSTRUMENT ENGINEERING (APEIE), VOL 1, 2016, vol., no., pp. 245-248. ISSN 2473-8565., Registrované v: WOS
 - [1] ZAKHAROV, Oleg V. - BOBROVSKIJ, Igor N. - BOBROVSKIJ, Nikolaj M. - KOROLEV, Andrey A. - KOCHETKOV, Andrei V. - IVASHCHENKO, Vladimir A. Optimal Control Method for the Sphericity Error using CMMs. In 2016 DYNAMICS OF SYSTEMS, MECHANISMS AND MACHINES (DYNAMICS), 2016, vol., no., pp. ISSN 2381-7593., Registrované v: WOS
 - [1] YALOVOY, O. A. - ZAKHAROV, O. V. - KOCHETKOV, A. V. The Centerless Measurement of Roundness with Optimal Adjustment. In IOP Conference Series: Materials Science and Engineering, 2015-01-01, 93, 1, pp. ISSN 17578981., Registrované v: SCOPUS
 - [1] CAO ZHI-MIN - WU YUN - HAN JIAN. Roundness deviation evaluation method based on statistical analysis of local least square circles. In MEASUREMENT SCIENCE AND TECHNOLOGY, 2017, vol. 28, no. 10, pp. ISSN 0957-0233., Registrované v: WOS
 - [1] ZAKHAROV, O. V. - BOBROVSKIJ, I. N. - KOCHETKOV, A. V. Analysis of Methods for Estimation of Machine Workpiece Roundness. In 2ND INTERNATIONAL CONFERENCE ON INDUSTRIAL ENGINEERING (ICIE-2016), 2016, vol. 150, no., pp. 963-968. ISSN 1877-7058., Registrované v: WOS
 - [2] KLIMENT, Tomas - MARKOVIC, Jaromir - SMIGURA, Dusan - ADAM, Peter. Diagnosis of the Accuracy of the Vehicle Scale Using Neural Network. In MEASUREMENT SCIENCE REVIEW, 2019, vol. 19, no. 1, pp. 14-19. ISSN 1335-8871., Registrované v: WOS
- ADC02 **KRIŽAN, Peter - MATÚŠ, Miloš - ŠOOŠ, Ľubomír - BENIAK, Juraj. Behavior of beech sawdust during densification into a solid biofuel. In Energies. Vol. 8, (2015), s. 6382-6398. ISSN 1996-1073 (2015: 2.077 - IF, 2 - JCR Best Q, 0.785 - SJR, Q1 - SJR Best Q). V databáze: CC ; WOS ; SCOPUS.**

Ohlasy:

1. [3] ŠPILÁČEK, Michal - LISÝ, Martin - SKÁLA, Zdenek. Numerical study of air distribution in combustion chamber. In Applied Mechanics and Materials. Vol. 832, (2016), s. 218-223. ISSN 1660-9336.
2. [1] WANG, Yu - WU, Kai - SUN, Yu. Effects of raw material particle size on the briquetting process of rice straw. In Journal of the Energy Institute, 2016-06-30, pp. ISSN 17439671., Registrované v: SCOPUS
3. [1] ANGELES GARRIDO, Maria - CONESA, Juan A. - DOLORES GARCIA, Maria. Characterization and Production of Fuel Briquettes Made from Biomass and Plastic Wastes. In ENERGIES, 2017, vol. 10, no. 7, pp. ISSN 1996-1073., Registrované v: WOS
4. [3] VARDANYAN, Aram - ET AL. Biomass Energy. 1. vyd. Yerevan Gasprint 2017. 120 s. ISBN 978-9939-0-2300-7.
5. [3] KUMAR, G.S. - ET AL. Evaluation of calorific value of bio-briquette. In IJRET: International Journal of Research in Engineering and Technology. Vol. 5, iss. 9 (2016), s. 124-128. ISSN 2321-7308.
6. [3] KUMAR, G. S. - ET AL. Thermal and mechanical analysis on palm briquettes. In International Journal for Research in Applied Science & Engineering Technology (IJRASET). Vol. 4, iss. 11 (2016), s. 328-337. ISSN 2321-9653.
7. [1] WATTANA, Wassachol - PHETKLUNG, Siwimon - JAKAEW, Watcharakit - CHUMUTHAI, Songamorn - SRIAM, Phurirut - CHANURAI, Nantita. Characterization of Mixed Biomass Pellet Made from Oil Palm and Para-rubber Tree Residues. In Energy Procedia, 2017-01-01, 138, pp. 1128-1133. ISSN 18766102., Registrované v: SCOPUS
8. [1] OKOT, David K. - BILSBORROW, Paul E. - PHAN, Anh N. Effects of operating parameters on maize COB briquette quality. In Biomass and Bioenergy, 2018-05-01, 112, pp. 61-72. ISSN 09619534., Registrované v: SCOPUS
9. [1] ZHANG, Qi - SHI, Zhenzhen - ZHANG, Pengfei - ZHANG, Meng - LI, Zhichao - CHEN, Xi - ZHOU, Jiping. Ultrasonic-assisted pelleting of sorghum stalk: Predictive models for pellet density and durability using multiple response surface methodology. In Energies, 2018-01-01, 11, 5, pp., Registrované v: SCOPUS
10. [1] WANG, Yu - WU, Kai - SUN, Yu. Effects of raw material particle size on the briquetting process of rice straw. In JOURNAL OF THE ENERGY INSTITUTE, 2018, vol. 91, no. 1, pp. 153-162. ISSN 1743-9671., Registrované v: WOS
11. [1] DUNCAN, Joshua C. - SHAHRAMAN, Anaram - SAMANIUK, Joseph R. - ROOT, Thatcher W. - GRAHAM, Michael D. - KLINGENBERG, Daniel J. - SCOTT, C. Tim - BOURNE, Keith J. - GLEISNER, Roland. Pressure-driven flow of lignocellulosic biomass: A compressible Bingham fluid. In Journal of Rheology, 2018-05-01, 62, 3, pp. 801-815. ISSN 01486055., Registrované v: SCOPUS
12. [1] HARUN, Noorfidza Yub - PARVEZ, Ashak Mahmud - AFZAL, Muhammad T. Process and energy analysis of pelleting agricultural and woody biomass blends. In Sustainability (Switzerland), 2018-05-29, 10, 6, pp., Registrované v: SCOPUS
13. [1] WANG, Xuehao - CHEN, Zhongjia - YU, Guosheng - YUAN, Xiangyue - PANG, Minghong. Influence of Die Heating Method on Sawdust Densification. In Linze Kexue/Scientia Silvae Sinicae, 2018-02-01, 54, 2, pp. 145-152. ISSN 10017488., Registrované v: SCOPUS
14. [1] GARRIDO, Maria Angeles - CONESA, Juan A. - GARCIA, Maria Dolores. Characterization and production of fuel briquettes made from biomass and plastic wastes. In Energies, 2017-01-01, 10, 7, pp., Registrované v: SCOPUS
15. [1] OKWU, Modestus O. - SAMUEL, Olusegun D. Adapted hyacinth briquetting machine for mass production of briquettes. In ENERGY SOURCES PART A-RECOVERY UTILIZATION AND ENVIRONMENTAL EFFECTS, 2018, vol. 40, no. 23, pp. 2853-2866. ISSN 1556-7036., Registrované v: WOS
16. [1] MOSTAFA, Mohamed E. - HU, Song - WANG, Yi - SU, Sheng - HU, Xun - ELSAYED, Saad A. - XIANG, Jun. The significance of pelletization operating conditions: An analysis of physical and mechanical characteristics as well as energy consumption of biomass pellets. In Renewable and Sustainable Energy Reviews, 2019-05-01, 105, pp. 332-348. ISSN 13640321., Registrované v: WOS
17. [1] OLUGBADE, Temitope - OJO, Oluwole - MOHAMMED, Tihamiyu. Influence of Binders on Combustion Properties of Biomass Briquettes: A Recent Review. In Bioenergy Research,

2019-01-01, pp. ISSN 19391234., Registrované v: SCOPUS

18. [1] OKOT, David K. - BILSBORROW, Paul E. - PHAN, Anh N. Briquetting characteristics of bean straw-maize cob blend. In *BIOMASS & BIOENERGY*, 2019, vol. 126, no., pp. 150-158. ISSN 0961-9534., Registrované v: WOS

19. [1] CUI, Xuyang - YANG, Junhong - SHI, Xinyu - LEI, Wanning - HUANG, Tao - BAI, Chao. Experimental investigation on the energy consumption, physical, and thermal properties of a novel pellet fuel made from wood residues with microalgae as a binder. In *Energies*, 2019-09-05, 12, 18, pp., Registrované v: SCOPUS

ADC03 **MATÚŠ, Miloš - KRIŽAN, Peter - ŠOOŠ, Ľubomír - BENIAK, Juraj. The effect of papermaking sludge as an additive to biomass pellets on the final quality of the fuel. In *Fuel*. Vol. 219, (2018), s. 196-204. ISSN 0016-2361 (2018: 5.128 - IF, 1 - JCR Best Q, 1.745 - SJR, Q1 - SJR Best Q). V databáze: WOS ; CC: 000429417300023.**

Ohlasy:

1. [1] MAREK, Balas - MARTIN, Lisy - PAVEL, Milcak - JIRI, Pospisil. Assessment of four ways of gas purification by biomass gasification. In *European Biomass Conference and Exhibition Proceedings*, 2018-05-01, 2018, 26thEUBCE, pp. 688-693., Registrované v: SCOPUS
2. [1] MARTIN, Lisy - MAREK, Baláš - PAVEL, Milčák - DAVID, Jecha - JIŘÍ, Pospíšil. Emissions of particulate matter from agropellets combustion. In *European Biomass Conference and Exhibition Proceedings*, 2018-05-01, 2018, 26thEUBCE, pp. 610-615., Registrované v: SCOPUS
3. [1] HAOBIN, Peng - LI, Yuesheng - LI, Yunquan - YUAN, Fangyang - CHEN, Guohua. Experimental Investigation of Combustion Kinetics of Wood Powder and Pellet. In *Journal of Combustion*, 2018-01-01, 2018, pp. ISSN 20901968., Registrované v: SCOPUS
4. [1] KNAPCZYK, Adrian - FRANCIK, Slawomir - FRACZEK, Jaroslaw - SLIPEK, Zbigniew. Analysis of research trends in production of solid biofuels. In *Engineering for Rural Development*, 2019-01-01, 18, pp. 1503-1509. ISSN 16913043., Registrované v: SCOPUS
5. [1] BALÁČ, Marek - MILČÁK, Pavel - LISÝ, Martin - KRACÍK, Petr. Properties of particles emitted when combusting wood chips and agro-materials. In *AIP Conference Proceedings*, 2019-06-27, 2118, pp. ISSN 0094243X., Registrované v: SCOPUS

ADE01 **KERS, Jaan - KULU, Priit - ARUNIIT, Aare - LAURMAA, Viktor - KRIŽAN, Peter - ŠOOŠ, Ľubomír - KASK, Ü. Determination of physical, mechanical and burning characteristics of polymeric waste material briquettes. In *Estonian Journal of Engineering*. Vol. 16, No. 4 (2010), s.307-316. ISSN 1736-6038 (2010).**

Ohlasy:

1. [3] LEE, H.D. - CHO, J.H. - KIM, I.D. - KIM, Y.S. - OH, K.J. Environmental assessment and characteristic of refuse derived fuel by mixed biomass with binder. In *Clean Technology*, 2011, vol. 17, no. 4, s.336-345.
2. [1] COȘEREANU, Camelia - BUDAU, Gavril - LICA, Dumitru - LUNGULEASA, Aurel - GHEORGHIU, Constantin Radu. Technological potential of reed as biomass for briquetting. In *Environmental Engineering and Management Journal*, 2011, vol. 10, no. 8, s.1127-1132.
3. [1] KALINAUSKAITE, S. - SAKALAUSKAS, A. - ŠARAUSKIS, E. - JASINSKAS, A. - AHLHAUS, M. Relation of energy content variations of straw to the fraction size, humidity, composition and environmental impact. In *Agronomy Research*, 2013, vol. 11, iss. 2, s.319-328.
4. [1] MENIND, A. - OPER, L. - NURK, L. Preliminary investigation of physical, chemical and technological parameters of biogasification and briquetting of fractionated silage. In *Engineering for rural development*, 2012, vol. 11, s.580-585.
5. [1] MYTHILI, R. - VENKATACHALAM, P. Briquetting of agro-residues. In *Journal of Scientific and Industrial Research*, 2013, vol. 72, iss. 1, s. 58-61.
6. [1] ALARU, M. - KUKK, L. - OLT, J. - MENIND, A. - LAUK, R. - VOLLMER, E. - ASTOVER, A. Lignin content and briquette quality of different fibre hemp plant types and energy sunflower. In *Field Crops Research*, 2011, vol. 124, no. 3, s.332-339.
7. [1] ELANCHEZHIAN, C. - VIJAYA RAMNATH, B. - NIRANJAN RAJA, R. - JUNAID KOKAN, S. - SATHYA NARAYANAN, R. Design of a machine to determine coefficient of friction and stiffness of web media. In *International Review of Mechanical Engineering*, 2012, vol. 6, no. 7, s.1515-1520.

8. [1] ŠTEFANICA, Jiří - HRDLIČKA, Jan. NO_x prediction for FBC boilers using empirical models. In *Acta Polytechnica*, 2014, vol. 54, no. 1, s.68-73.
9. [1] MITCHUAL, S.J. - FRIMPONG-MENSAH, K. - DARKWA, N.A. Effect of species, particle size and compacting pressure on relaxed density and compressive strength of fuel briquettes. In *International Journal of Energy and Environmental Engineering (IJEEE)*, 2013, vol. 4, iss. 1, s.1-6.
10. [3] ERON'KO, S.P. - OSHOVSKAYA, E.V. - BABAK, K.Yu. The shaping process of qualitative briquettes from mill scale. In *Metallurgičeskije procesy i oborudovanije*, 2013, vol. 33, no. 3, s.61-71.
11. [1] Gug, JeongIn - Cacciola, David - Sobkowicz, Margaret J. Processing and properties of a solid energy fuel from municipal solid waste (MSW) and recycled plastics. In *Waste Management*, 2015-01-01, 35, pp. 283-292. ISSN 0956053X., Registrované v: SCOPUS
12. [1] Katimbo, Abia - Kiggundu, Nicholas - Kizito, Simon - Kivumbi, Hussein Balimunsi - Tumutegyeize, Peter. Potential of densification of mango waste and effect of binders on produced briquettes. In *Agricultural Engineering International: CIGR Journal*, 2014-01-01, 16, 4, pp. 146-155., Registrované v: SCOPUS
13. [3] WACHIRA, G.G. - GITAU, A.N. - KIMANI, M.W. - NJOROGI, B.N.K. Mechanical properties of saw dust briquettes of eucalyptus tree species of different binders and press machines.
14. [3] MALLAMPATI, Praveen. Low cost briquetting of metallurgical dust fines. In *International journal of ethics in engineering & management education*. Vol. 2, iss. 5 (2015), s. 8-12. ISSN 2348-4748.
15. [3] MOHAMMED, T.I. - OLUGBADE, T.O. Burning rate of briquettes produced from rice bran and palm kernel shells. In *International Journal of Material Science Innovations*. Vol. 03, iss. 02 (2015), s. 68-73. ISSN 2289-4063.
16. [1] Arul Kumar, R. - Arul Kumar, R. - Kanaga Sabapathy, H. - Kanaga Sabapathy, H. - Neethimanickam, I. - Neethimanickam, I. Mechanical, physical and chemical properties of saw dust briquette. In *World Journal of Engineering*, 2015-08-01, 12, 4, pp. 347-352. ISSN 17085284., Registrované v: SCOPUS
17. [3] BÍLGÍN, Sefai - YILMAZ, Hasan - KOCER, Abdülkadir - ACAR, Mustafa - DOK, Mahmut. Aycicegi saplarmin konik helezon tip briket makinesinde briketlenmesi. In *Akdeniz Üniversitesi Ziraat Fakültesi Dergisi*. Vol. 27, iss. 2 (2014), s. 91-97. ISSN 1301-2215.
18. [1] OBI, Okey Francis. Effect of briquetting temperature on the properties of biomass briquettes. In *African Journal of Science, Technology, Innovation and Development*. Vol. 7, no. 6 (2015), s. 386-394. ISSN 2042-1338.
19. [3] FAGBEMI, Emmanuel - AYEKE, Patrick - OMONIGHO, Baldwin - UDOKPO, Nyaknno - ISERU, Ebike - AKPOVWOVWO, Teddy - AWOLOLA, Emmanuel. Determination of physical and mechanical properties of briquettes produced from carbonized rubber seed shell using local binder. In *American Journal of Materials Research*. Vol. 1, iss. 3 (2014), s. 44-47. ISSN 2375-3919.
20. [1] Olupot, P. W. - Candia, A. - Menya, E. - Walozi, R. Characterization of rice husk varieties in Uganda for biofuels and their techno-economic feasibility in gasification. In *Chemical Engineering Research and Design*, 2016-03-01, 107, pp. 63-72. ISSN 02638762., Registrované v: SCOPUS, WOS
21. [1] GARRIDO, María A. - FONT, Rafael - CONESA, Juan A. Thermochemical study of the briquetting process of mattress foams. In *Fuel Processing Technology*, 2017-05-01, 159, pp. 88-95. ISSN 03783820., Registrované v: SCOPUS
22. [1] FAIZAL, Hasan Mohd - NAZRI, M. Shafiq M - RAHMAN, Md Mizanur - SYAHRULLAIL, S. - LATIFF, Z. A. Development of palm biomass briquettes with polyethylene plastic waste addition. In *Jurnal Teknologi*, 2016-01-01, 78, 9-2, pp. 69-75. ISSN 01279696., Registrované v: SCOPUS
23. [1] FAIZAL, Hasan Mohd - JUSOH, M. Amin M - RAHMAN, Mohd Rosdzimin Abdul - SYAHRULLAIL, S. - LATIFF, Z. A. Torrefaction of palm biomass briquettes at different temperature. In *Jurnal Teknologi*, 2016-01-01, 78, 9-2, pp. 61-67. ISSN 01279696., Registrované v: SCOPUS
24. [1] SEN, Ranjit - WIWATPANYAPORN, Sujinda - ANNACHHATRE, Ajit Padmakar. Influence of binders on Physical properties of fuel briquettes produced from cassava rhizome waste. In *International Journal of Environment and Waste Management*, 2016-01-01, 17, 2,

- pp. 158-175. ISSN 14789876., Registrované v: SCOPUS
25. [1] LUNGULEASA, Aurel - SPIRCHEZ, Cosmin. An aggregated property of wheat straw briquettes. In Wood Research, 2015-01-01, 60, 5, pp. 845-856. ISSN 13364561., Registrované v: SCOPUS
26. [1] SPIRCHEZ, Cosmin - LUNGULEASA, Aurel - GRIU, Tatiana. Testing model for assessment of lignocellulose-based pellets. In Wood Research, 2016-01-01, 61, 2, pp. 331-340. ISSN 13364561., Registrované v: SCOPUS
27. [3] SPIRCHEZ, Cosmin - LUNGULEASA, Aurel. Shear and crushing strengths of wood pellets. In Drewno. Wood. Vol. 59, no. 198 (2016), s. 87-97. ISSN 1644-3985.
28. [3] DAVIES, R.M. - ABOLUDE, D.S. Ignition and burning rate of water hyacinth briquettes. In Journal of Scientific Research & Reports. Vol. 2, no. 1 (2013), s. 111-120. ISSN 2320-0227.
29. [1] ANGELES GARRIDO, Maria - CONESA, Juan A. - DOLORES GARCIA, Maria. Characterization and Production of Fuel Briquettes Made from Biomass and Plastic Wastes. In ENERGIES, 2017, vol. 10, no. 7, pp. ISSN 1996-1073., Registrované v: WOS
30. [3] ASAMOAH, Bernice - ET AL. A review on production, marketing and use of fuel briquettes : Resource recovery & reuse series 7. 1. vyd. [S.l.] IWMI 2017. ISBN 978-92-9090-846-3.
31. [3] SYAMALA,D. - ET AL. Synthesis and characterization of zinc oxide nanoparticles by solution combustuon method: DC conductivity studies. In Indian Journal of Advances in Chemical Science. Vol. 5, no. 3 (2017), s. 137-141.
32. [3] FAIZAL, H.M. - ET AL. Torrefaction of pulverized empty fruit bunch and polyethylene plastics waste mixture.
33. [3] GRIGOROVA, Irena. Industrial minerals processing waste - new secondary products. In 16. Balkan mineral processing congress : book of proceedings. Belgrade, Serbia, 17.-19.6. 2015. Belgrade : University of Belgrade, 2015, S. 1077-1082. ISBN 978-86-82673-10-1.
34. [3] ETIKA CHRISTINA R.M. - ET AL. Kajian penentuan metode pengolahan sampah berdasarkan timbulan, komposisi, dan karakteristik sampah di universitas diponegoro. In Prosiding SNST Fakultas Teknik : Fakultas Teknik Universitas Wahid Hasyim Semarang, 2016, S. 38-43. ISBN 978-602-99334-5-1.
35. [1] SPÎRCHEZ, Cosmin - LUNGULEASA, Aurel - ANTONARU, Carmen. Experiments and modeling of the torrefaction of white wood fuel pellets. In BioResources, 2017-11-01, 12, 4, pp. 8595-8611., Registrované v: SCOPUS
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