

Príloha č. 1 Údaje o výberovom konaní na funkčné miesto docenta

Výberová komisia - v rozsahu meno a priezvisko

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Gabriel Paľa
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Údaje vybraného uchádzača a neúspešných uchádzačov, ktorí na uverejnenie svojich údajov udelili súhlas, v rozsahu podľa § 76 ods. 10 písm. a)

Základné údaje

Jaromír Vrbka
PhD. MBA, Ing.
1985

Vzdelanie

Žilinská univerzita v Žiline 2018, Ekonomika a manažment podniku (PhD.)
Jihočeská univerzita v Českých Budějovicích 2011,, Pozemkové úpravy a převody nemovitostí (Ing.)

Ďalšie vzdelávanie

Vysoká škola technická a ekonomická v Českých Budějovicích 2018, Finanční management (MBA)

Zamestnanie

2015 – Vysoká škola ekonomická a technická v Českých Budějovicích, vedúci oddelenia projektovej a znaleckej činnosti odborný asistent - trvá
2015 – Vysoká škola ekonomická a technická v Českých Budějovicích, AP ÚZO - trvá
2014 – ITB Engineering & Production s.r.o., jednatel - trvá
2013-2022 Vysoká škola technická a ekonomická v Českých Budějovicích, kvestor
2013-2015 Ministerstvo školství, mládeže a tělovýchovy České republiky, univerzitní expert
2011-2013 Vysoká škola technická a ekonomická v Českých Budějovicích, finanční manager

Údaje o odbornom zameraní

Ekonomía, oceňovanie, financie, finančný manažment, manažment ľudských zdrojov.

Údaje o publikačnej činnosti

Publications according to Decree no. 456/2012 and 13/2008-R Z.z

AAA Scientific monographs published by foreign publishers

Number of records: 8

AAA001 VRBKA, Jaromír. Time series and their importance to the economy. Using artificial neural networks for timeseries smoothing and forecasting: case studies in economics. 1. vyd. Cham, Švýcarsko: Springer Nature Switzerland AG. 189 s. ISBN 978-3-030-75648-2. 2021. [9,4 AH]

AAA002 VOCHOZKA, Marek, Jaromír VRBKA, Vojtěch STEHEL, Petr ŠULEŘ, Zuzana ROWLAND, Veronika MACHOVÁ, Jakub HORÁK a Tomáš KRULICKÝ. Finance podniku: Komplexní pojetí. 1. vyd. Praha, Česká republika: Grada publishing, 2021. 312 s. ISBN 978-80-271-3267-6. [1,9 AH]

AAA003 VOCHOZKA, Marek, Vojtěch STEHEL, Jaromír VRBKA, Zuzana ROWLAND, Petr ŠULEŘ, Veronika MACHOVÁ, Tomáš KRULICKÝ a Jakub HORÁK. Metody komplexního hodnocení podniku. 2. aktualizované. Praha, Česká republika: Grada Publishing, a. s., 2020. 479 s. Finanční řízení. ISBN 978-80-271-1701-7. [3 AH]

AAA004 VRBKA, Jaromír a Svetlana ASHMARINA. Enterprise creditworthiness and preventing risks of debts. 1. vyd. České Budějovice: Institute of Technology and Business in České Budějovice. 182 s. ISBN 978-80-7468-152-3. 2019. [4,5 AH]

AAA005 KHASAEV, Gabibulla, Marek VOCHOZKA a Jaromír VRBKA. Creating a comprehensive enterprise evaluation method. 1. vyd. České Budějovice: Institute of Technology and Business in České Budějovice. 174 s. ISBN 978-80-7468-136-3. 2018. [2,9 AH]

AAA006 VOCHOZKA, Marek, Gabibulla KHASAEV, Jan MAREČEK, Jaromír VRBKA a Veronika MACHOVÁ. Inventory management in manufacturing company. 1st. České Budějovice: Institute of Technology and Business in České Budějovice, Samara State University of Economics. 142 s. ISBN 978-80-7468-123-3. 2018. [1,4 AH]

AAA007 ASHMARINA, Svetlana, Elena KANDRASHINA, Anna ZOTOVA, Marek VOCHOZKA, Zuzana ROWLAND, Jaromír VRBKA a Petr ŠULEŘ. Research on Development Trends and Tendencies of the Higher Education System in Russia and in the World. 1. vyd. České Budějovice, Czech Republic: Institute of Technology and Business in České Budějovice, Samara State University of Economics. 132 s. ISBN 978-80-7468-129-5. 2018. [0,9 AH]

AAA008 VOCHOZKA, Marek, Zuzana ROWLAND, Vojtěch STEHEL, Petr ŠULEŘ a Jaromír VRBKA. Modelování nákladů podniku pomocí neuronových sítí. První vydání. České Budějovice: Vysoká škola technická a ekonomická. 114 s. ISBN 978-80-7468-112-7. 2016. [1,1 AH]

ACA University textbooks published by foreign publishers

Number of records: 1

ACA001 VOCHOZKA, Marek, Jaromír VRBKA, Simona HAŠKOVÁ, Zuzana ROWLAND a Veronika MACHOVÁ. Přehled metod komplexního hodnocení podniků. 1. vyd. České Budějovice: Vysoká škola technická a ekonomická v Českých Budějovicích. 247 s. ISBN 978-80-7468-119-6. 2017. [2,5 AH]

ADC Scientific works in foreign journals - Current Contents

Number of records: 6

ADC001 MAROUŠEK, Josef, Petr BARTOŠ, Martin FILIP, Ladislav KOLÁŘ, Petr KONVALINA, Anna MAROUŠKOVÁ, Jan MOUDRÝ, Jiří PETERKA, Jiří ŠÁL, Miloslav ŠOCH, Vojtěch STEHEL, Otakar STRUNECKÝ, Karel SUCHÝ, Marek VOCHOZKA, Jaromír VRBKA a Tomáš ZOUBEK. Advances in the agrochemical utilization of fermentation residues reduce the cost of purpose-grown phytomass for biogas production. Energy Sources, Part A: Recovery, Utilization and Environmental Effects. Philadelphia: Taylor & Francis, Neuveden, March, s. 1 - 11. ISSN 1556-7036. 2020.

ADC002 VOCHOZKA, Marek, Jaromír VRBKA a Petr ŠULEŘ. Bankruptcy or success? The effective prediction of a company's financial development using LSTM. Sustainability. Basel, Switzerland: MDPI, roč. 12, č. 18, s. nestránkováno, 18 s. ISSN 2071-1050. doi:10.3390/su12187529. 2020.

ADC003 VRBKA, Jaromír, Tomáš KRULICKÝ, Tomáš BRABENEC a Jan HEJDA. Determining the increase in a building's appreciation rate due to a reconstruction. Sustainability. Basel, Switzerland: MDPI, roč. 12, č. 18, s. nestránkováno, 14 s. ISSN 2071-1050. doi:10.3390/su12187690. 2020.

ADC004 MAROUŠEK, Josef, Ladislav KOLÁŘ, Otakar STRUNECKÝ, Marek KOPECKÝ, Petr BARTOŠ, Anna MAROUŠKOVÁ, Eva CUDLÍNOVÁ, Petr KONVALINA, Miloslav ŠOCH, Jan MOUDRÝ, Radka VANÍČKOVÁ a Jaromír VRBKA. Modified biochars present an economic challenge to phosphate management in wastewater treatment plants. JOURNAL OF CLEANER PRODUCTION. OXFORD, Anglie, VB: ELSEVIER, roč. 272/2020, nečíslováno, s. nestránkováno, 9 s. ISSN 0959-6526. doi:10.1016/j.jclepro.2020.123015. 2020.

ADC005 KLIEŠTIK, Tomáš, Katarína VALÁŠKOVÁ, George LAZAROIU, Mária KOVÁČOVÁ a Jaromír VRBKA. Remaining financially healthy and competitive: The role of financial predictors. Journal of Competitiveness. Zlín, Czech Republic: Tomáš Baťa University, roč. 12, č. 1, s. 74-92. ISSN 1804-171X. doi:10.7441/joc.2020.01.05. 2020.

ADC006 VRBKA, Jaromír. The use of neural networks to determine value based drivers for SMEs operating in the rural areas of the Czech Republic. Oeconomia Copernicana. Olsztyn, Poland: Instytut Badań Gospodarczych, roč. 11, č. 2, s. 325-346. ISSN 2083-1277. doi:10.24136/OC.2020.014. 2020.

ADE Scientific papers in other foreign journals

Number of records: 7

ADE001 VRBKA, Jaromír, Petr ŠULEŘ, Veronika MACHOVÁ a Jakub HORÁK. Evaluation of performance of MLP neural networks and RBF neural networks in adjusting time series of the development of the trade balance between the USA and the PRC. *Littera Scripta*. České Budějovice, Česká republika: Vysoká škola technická a ekonomická, roč. 13, č. 2, s. 23-38. ISSN 1805-9112. 2020.

ADE002 VRBKA, Jaromír, Zuzana ROWLAND a Lukáš FRÝD. Work productivity in the sector of knowledge intensive services in relation to work productivity in the manufacturing industry. *Trendy v podnikání - Business Trends*. Plzeň: Fakulta ekonomická Západočeské univerzity v Plzni, roč. 10, č. 4, s. 4-8. ISSN 1805-0603. 2020.

ADE003 HORÁK, Jakub, Veronika MACHOVÁ a Jaromír VRBKA. Analýza současného stavu trhu práce v kontextu digitalizace, automatizace a robotizace. *Trendy v podnikání*. Plzeň: Vydavatelství ZČU v Plzni, roč. 9, č. 2, s. 44-52. ISSN 1805-0603. 2019.

ADE004 VRBKA, Jaromír, Petr ŠULEŘ, Veronika MACHOVÁ a Jakub HORÁK. Considering seasonal fluctuations in equalizing time series by means of artificial neural networks for predicting development of USA and People's Republic of China trade balance. *Littera Scripta*. České Budějovice: The Institute of Technology and Business in České Budějovice, roč. 12, č. 2, s. 178-193. ISSN 1805-9112. doi:10.36708/Littera_Scripta2019/2/0. 2019.

ADE005 VOCHOZKA, Marek, Marianna PSÁRSKA, Jaromír VRBKA a Svetlana ASCHMARINA. Specific performance evaluation of medium-sized enterprise operating in the automotive industry using modern methods of evaluation on concrete example in the conditions of the Slovak Republic. *Journal of Valuation and Expertness*. České Budějovice, Česká republika: Ústav znaleství a oceňování, Vysoká škola technická a ekonomická v Českých Budějovicích, roč. 2, č. 1, s. 9-27. ISSN 2533-6258. 2017.

ADE006 VOCHOZKA, Marek, Zuzana ROWLAND a Jaromír VRBKA. EVALUATION OF SOLVENCY OF POTENTIAL CUSTOMERS OF A COMPANY. *Matematyčne modeljuvannja v ekonomici*. Kyjiv: Nacional'na akademija nauk Ukrajiny, roč. 5, č. 1, s. 5-18. ISSN 2409-8876. 2016.

ADE007 STEHEL, Vojtěch, Jaromír VRBKA a Zuzana ROWLAND. Using neural networks for determining creditworthiness for the purpose of providing bank loan on the example of construction companies in South Region of Czech Republic. *Ekonomicko-manažerské spektrum*. Žilina: EDIS, roč. 2016, č. 2, s. 62-73. ISSN 1337-0839. 2016..

ADF Scientific papers in other domestic journals

Number of records: 4

ADF001 VRBKA, Jaromír a Georgeta Anca Petre LUTAN. Evaluation of the effects of intervention programs for unemployed: An overview of methods. *Ekonomicko-manazerske spektrum*. Žilina: University of Zilina, roč. 13, č. 2, s. 56-67. ISSN 1337-0839. 2019.

ADF002 VOCHOZKA, Marek a Jaromír VRBKA. Analýza nedostatků při určování ceny nemovitostí pomocí vyhlášky o oceňování na konkrétním příkladu. *Mladá veda*. Prešov: Vydavatelstvo UNIVERSUM, spol. s r. o., roč. 6, č. 1, s. 195-208. ISSN 1339-3189. 2018.

ADF003 VOCHOZKA, Marek a Jaromír VRBKA. Ocenění nákladního automobilu pomocí znaleckého standardu pro oceňování motorových vozidel na konkrétním případě. *Mladá veda*. Prešov: Vydavatelstvo UNIVERSUM, spol. s r. o., roč. 6, č. 2, s. 229-236. ISSN 1339-3189. 2018.

ADF004 ROWLAND, Zuzana a Jaromír VRBKA. Stanovení tržní hodnoty pozemku za účelem jeho prodeje. *Mladá veda*. Prešov: Vydavatelstvo UNIVERSUM, spol. s r. o., roč. 6, č. 2, s. 147-152. ISSN 1339-3189. 2018.

ADM Scientific works in foreign Journals Registered in the Web of Science or Scopus Databases

Number of records: 27

ADM001 ŽILINSKÁ, Michaela, Jaromír VRBKA a Eva KALINOVÁ. Does the implementation of loyalty programmes lead to gaining a loyal customer? *Ad Alta - Journal of Interdisciplinary Research*. Hradec Králové, Česká republika: Magnanimitas, roč. 11, č. 1, s. 392-396. ISSN 1804-7890. 2021.

ADM002 RILEY, Cheryl, Jaromír VRBKA a Zuzana ROWLAND. Internet of things-enabled sustainability, big data-driven decision-making processes, and digitized mass production in Industry 4.0-based manufacturing systems. *Journal of Self-Governance and Management Economics*. USA, New York: Addleton Academic Publishers, roč. 9, č. 1, s. 42-52. ISSN 2329-4175. doi:10.22381/jsme9120214. 2021.

ADM003 WADE, Karen, Jaromír VRBKA, Natalia ZHURAVLEVA a Veronika MACHOVÁ. Sustainable governance networks and urban Internet of Things systems in Big Data-driven smart cities. *Geopolitics, History, and International Relations*. New York, USA: Addleton Academic Publishers, roč. 13, č. 1, s. 64-74. ISSN 1948-9145. 2021.

ADM004 LĂZĂROIU, George, Mária KOVÁČOVÁ, Anna SIEKELOVÁ a Jaromír VRBKA. Addictive behavior of problematic smartphone users: The relationship between depression, anxiety, and stress. *Review of Contemporary Philosophy*. New York, USA: Addleton Academic Publishers, roč. 19, nečíslováno, s. 50-56. ISSN 1841-5261. doi:10.22381/RCP1920204. 2020.

ADM005 CEPEL, Martin, Jan DVORSKÝ, Elena GREGOVÁ a Jaromír VRBKA. Business environment quality model in the SME segment. *Transformations in Business & Economics*. Vilnius, Lithuania: Vilnius University, roč. 19, č. 1, s. 262-283. ISSN 1648-4460. 2020.

ADM006 WILLIAM, Arthur, Petr ŠULEŘ a Jaromír VRBKA. Business Process Optimization, Cognitive Decision-Making Algorithms, and Artificial Intelligence Data-driven Internet of Things in Sustainable Smart Manufacturing. *Journal of Self-Governance and Management Economics*. New York: Addleton Academic Publishers, roč. 8, č. 4, s. 39-48. ISSN 2329-4175. doi:10.22381/JSME8420204. 2020.

ADM007 SCOTT, Roger, Miloš POLIAK, Jaromír VRBKA a Elvira NICA. COVID-19 response and recovery in smart sustainable city governance and management: Data-driven Internet of Things systems and Machine Learning-based analytics. *Geopolitics, History, and International Relations*. New York, USA: Addleton Academic Publishers, roč. 12, č. 2, s. 16-22. ISSN 1948-9145. doi:10.22381/GHIR12220202. 2020.

ADM008 DAVIS, Ruth, Marek VOCHOZKA, Jaromír VRBKA a Octav NEGURIȚĂ. Industrial artificial intelligence, smart connected sensors, and big data-driven decision-making processes in internet of things-based real-time production logistics. *Economics, Management, and Financial Markets*. New York, USA: Addleton Academic Publishers, roč. 15, č. 3, s. 9-15. ISSN 1842-3191. doi:10.22381/EMFM15320201. 2020.

ADM009 PODHORSKÁ, Ivana, Jaromír VRBKA, George LAZAROIU a Maria KOVÁČOVÁ. Innovations in financial management: recursive predictin model based on decision trees. *Marketing and Management of Innovations*. Ukrajina: Sumy State Univ., dept. Marketing & Mia, roč. 3, nečíslováno, s. 276-292. ISSN 2218-4511. 2020.

ADM010 BELÁS, Jaroslav, Martin ČEPEL, Yana KLIUCHNIKAVA a Jaromír VRBKA. Market risk in the SMEs segment in the Visegrad group countries. *Transformations in Business and Economics*. Vilnius University, roč. 19, č. 3, s. 678-693. ISSN 1648-4460. 2020.

ADM011 KASYCH, Alla, Jaromír VRBKA, Zuzana ROWLAND a Valentina GLUHKOVA. Modern human resource management models: Values, development approaches, transformation. *Quality - Access to Success*. Bucharest, Romania: Romanian Society for Quality Assurance, roč. 21, č. 179, s. 72-79. ISSN 1582-2559. 2020.

ADM012 TAYLOR, Peter, Pavol KRÁL, Jaromír VRBKA a Elena GREGOVÁ. Problematic smartphone use, social anxiety symptom severity, and technology-related behaviors and attitudes. *Analysis and Metaphysics*. New York, USA: Addleton Academic Publishers, roč. 19, nečíslováno, s. 73-79. ISSN 1584-8574. doi:10.22381/AM1920208. 2020.

ADM013 HORÁK, Jakub, Jaromír VRBKA a Petr ŠULEŘ. Support vector machine methods and artificial neural networks used for the development of bankruptcy prediction models and their comparison. *Journal of Risk and Financial Management*. Basel, Switzerland: MDPI, roč. 13, č. 3, s. nestránkováno, 15 s. ISSN 1911-8066. doi:10.3390/jrfm13030060. 2020.

ADM014 VRBKA, Jaromír, Tomáš KRULICKÝ, Tomáš BRABENEC a Jan HEJDA. The concept of the equilibrium price and the open market value: A comparison. *AD ALTA - Journal of Interdisciplinary Research*. Hradec Králové, Czech Republic: Magnanimitas, roč. 10, č. 1, s. 319-325. ISSN 1804-7890. 2020.

ADM015 HOLLOWELL, Jane Catherine, Boris KOLLÁR, Jaromír VRBKA a Erika KOVALOVÁ. Cognitive decision-making algorithms for sustainable manufacturing processes in Industry 4.0: Networked, smart, and responsive devices. *Economics, Management, and Financial Markets*. New York City, USA: Addleton Academic Publishers, roč. 14, č. 4, s. 9-15. ISSN 1842-3191. doi:10.22381/EMFM14420191. 2019.

ADM016 JUNGA, Petr, Jaromír VRBKA a Tomáš KRULICKÝ. Determining financial compensation in the case of agricultural land expropriation – new methodology. *Ad Alta: Journal of interdisciplinary research*. Hradec Králové, Czech Republic: Magnanimitas, roč. 9, č. 2, s. 101-106. ISSN 1804-7890. 2019.

ADM017 VRBKA, Jaromír, Veronika MACHOVÁ, Jan MAREČEK a Jakub HORÁK. Determining the market rent of a medical facility on a specific example. *Ad Alta: Journal of interdisciplinary research*. Hradec Králové, Czech Republic: Magnanimitas, roč. 9, č. 1, s. 330-334. ISSN 1804-7890. 2019.

ADM018 VRBKA, Jaromír, Petr JUNGA a Tomáš KRULICKÝ. Methodology for determining the rate of return on rental of built-up land. *Ad Alta: Journal of interdisciplinary research*. Hradec Králové, Czech Republic: Magnanimitas, roč. 9, č. 2, s. 364-370. ISSN 1804-7890. 2019.

ADM019 FIELDEN, Anna, Lucia MICHÁLKOVÁ, Jaromír VRBKA a Maria LYAKINA. Smart sustainable data-driven manufacturing: Cyber-physical production systems and internet of things sensing networks. *Journal of Self-Governance and Management Economics*. New York, USA: Addleton Academic Publishers, roč. 7, č. 4, s. 7-13. ISSN 2377-0996. doi:10.22381/JSME7420191. 2019.

ADM020 VRBKA, Jaromír, Elvira NICA a Ivana PODHORSKÁ. The application of Kohonen networks for identification of leaders in the trade sector in Czechia. *Equilibrium - Quarterly Journal of Economics and Economic Policy*. Torun, Poland: Institute of Economic Research, roč. 14, č. 4, s. 739-761. ISSN 1689-765X. doi:10.24136/eq.2019.034. 2019.

ADM001 ASHANDER, Laura, Jana KLIESTIKOVA, Pavol DURANA a Jaromír VRBKA. The decision-making logic of big data algorithmic analytics. *Contemporary Readings in Law and Social Justice*. New York, USA: Addleton Academic Publishers, roč. 11, č. 1, s. 57-62. ISSN 1948-9137. doi:10.22381/CRLSJ11120199. 2019.

ADM021 RALSTON, Simone, Tomáš KLIEŠTIK, Zuzana ROWLAND a Jaromír VRBKA. Are pervasive systems of fake news provision sowing confusion? The role of digital media platforms in the production and consumption of factually dubious content. *Geopolitics, History, and International Relations*. New York, United States: Addleton Academic Publishers, roč. 10, č. 2, s. 30-36. ISSN 1948-9145. 2018.

ADM022 KLIEŠTIK, Tomáš, Jaromír VRBKA a Zuzana ROWLAND. Bankruptcy prediction in Visegrad group countries using multiple discriminant analysis. *Equilibrium-Quarterly Journal of Economics and Economic Policy*. Torun, Polsko: Inst Economic Research-Poland, roč. 13, č. 3, s. 569-593. ISSN 2353-3293. doi:10.24136/eq.2018.028. 2018.

ADM023 KRÁL, Pavol, Hussam MUSA, George LAZAROIU, Mária MIŠANKOVÁ a Jaromír VRBKA. Comprehensive assessment of the selected indicators of financial analysis in the context of failing companies. *Journal of International Studies*. Szczecin, Polsko: Centre of Sociological Research, roč. 11, č. 4, s. 282-294. ISSN 2071-8330. 2018.

ADM024 RANKI, Constance, Jaromír VRBKA, Katarina VALÁŠKOVÁ a Judith OLAH. Objectifying women's bodies in the workplace: Gender-based misconduct, egregious sexual pressure, and misogynistic practices. *Contemporary Readings in Law and Social Justice*. New York, USA: Addleton Academic Publishers, roč. 10, č. 2, s. 71-77. ISSN 1948-9137. 2018.

ADM025 HARDINGHAM, Eileen, Jaromír VRBKA, Tomáš KLIEŠTIK a Jana KLIESTIKOVÁ. Will cognitive technology-driven automation lead to economic growth? *Journal of Self-Governance and Management Economics*. New York City, USA: Addleton Academic Publishers, roč. 6, č. 4, s. 13-18. ISSN 2329-4175. 2018.

ADM026 RONZHINA, Natalia V., Gennadij M. ROMANTSEV, Vladimir A. PISKONOV a Jaromír VRBKA. Economic laws of division and changing the labor in the system of contemporary vocational education determination. *IEJME - Mathematics Education*. Netherlands: LOOK Academic Publishers, roč. 11/2016, č. 7, s. 2788-2799. ISSN 2468-4945. 2016.

ADM027 VOCHOZKA, Marek, Zuzana ROWLAND a Jaromír VRBKA. FINANCIAL ANALYSIS OF AN AVERAGE TRANSPORT COMPANY IN THE CZECH REPUBLIC. *Nase More*. Dubrovnik: University of Dubrovnik, roč. 63, č. 3, s. 227-236. ISSN 0469-6255. 2016.

ADN Scientific works in domestic Journals Registered in the Web of Science or Scopus Databases

Number of records: 1

ADM001 HORÁK, Jakub, Petr ŠULEŘ a Jaromír VRBKA. Analysis of transportation companies in the Czech Republic by the Kohonen networks - identification of industry leaders. *Communications - Scientific Letters of the University of Zilina*. Žilina, Slovensko: Univerzity of Zilina, roč. 23, č. 1, s. 32-43. ISSN 1335-4205. doi:10.26552/COM.C.2021.1.A32-A43. 2020.

AFC Published papers at foreign scientific conferences (WOS or SCOPUS)

Number of records: 16

AFC001 KRULICKÝ, Tomáš, Jaromír VRBKA a Tomáš BRABENEC. A relationship between the value of the whole and separate parts. In Isik Yilmaz, Marian Marschalko, Marián Drusa. IOP Conference Series: Materials Science and Engineering, 5th World Multidisciplinary Civil Engineering-Architecture-Urban Planning Symposium – WMCAUS. Prague: IOP Publishing Ltd. s. 1-9, 10 s. ISSN 1757-8981. doi:10.1088/1757-899X/960/4/042094. 2020.

AFC002 VRBKA, Jaromír. Altman model for prediction of financial health within Polish enterprises. In Uslu, F. Proceedings of the 7th International Conference on Education and Social Sciences (INTCESS 2020). 1. vyd. Istanbul, Turkey: International Organization Center of Academic Research. s. 1198-1205. ISBN 978-605-82433-8-5. 2020.

AFC003 VRBKA, Jaromír a Marek VOCHOZKA. Considering seasonal fluctuations on balancing time series with the use of artificial neural networks when forecasting US imports from the PRC. In Horák, J., Vrbka, J., Rowland, Z. SHS Web of Conferences: Innovative Economic Symposium - Potential of Eurasian Economic Union (IES). 73. vyd. Les Ulis, France: EDP Sciences. s. nestránkováno, 12 s. ISBN 978-2-7598-9094-1. 2020.

AFC004 VRBKA, Jaromír, Tomáš KRULICKÝ a Tomáš BRABENEC. Determining the amount of past investment property using the synthesis of cost evaluation methods. In Isik Yilmaz, Marian Marschalko, Marián Drusa. IOP Conference Series: Materials Science and Engineering, 5th World Multidisciplinary Civil Engineering-Architecture-Urban Planning Symposium – WMCAUS. 960. vyd. Prague: IOP Publishing Ltd. s. 1-10, 11 s. ISSN 1757-8981. doi:10.1088/1757-899X/960/4/042102. 2020.

AFC005 KVĚTOVÁ, Hana, Jaromír VRBKA a Petr ŠULEŘ. Enterprise value assessment as an evaluation criterion of a merger. In Svetlana Igorevna Ashmarina; Jakub Horák; Jaromír Vrbka; Petr Šuleř. Innovative Economic Symposium (IES 2020) - Economic Systems in the New Era: Stable Systems in Unstable World. 160. vyd. Cham, Švýcarsko: Springer Nature Switzerland AG. s. 856-863. ISBN 978-3-030-60928-3. doi:10.1007/978-3-030-60929-0_110. 2020.

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Number of records: 3

V3-001 VRBKA, Jaromír, Tomáš KRULICKÝ a Veronika ŠANDEROVÁ. Relationship between Variations in Valuation Methodologies: Evidence from Polish Construction Market. Acta Montanistica Slovaca. Košice, Slovensko: Technical University of Kosice, roč. 28, č. 2, s. 314-324. ISSN 1335-1788. 2023. **(ADN)**

V3-001 VRBKA, Jaromír a Eva KOUBKOVÁ. The difference between project prices and final prices of construction contracts in the public sector. Ad Alta - Journal of Interdisciplinary Research. Hradec Králové, Česká republika: Magnanimitas, roč. 13, č. 1, s. 295-300. ISSN 1804-7890. 2023. **(ADM)**

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I.1 – other output of publishing activity as a whole

I1-001 FRISCHER, Robert a Jaromír VRBKA. Funkční vzorek autonomního, chytrého grilovacího stanoviště pro potřeby testování. 2023. **(GI)**

Ohlasy na vedeckú alebo umeleckú prácu

(Uchádzač má 1537 ohlasov z toho v zahraničí 1156 a ohlasov WOS a Scopus 1380. Z dôvodu rozsiahlosti uvádzame len ohlasy na najvýznamnejšie publikácie v minimálnom potrebnom množstve, ako to požaduje smernica ISM))

Citations according to Decree no. 397/2020 Z.z

ADC Scientific works in foreign journals - Current Contents

ADC001 MAROUŠEK, Josef, Petr BARTOŠ, Martin FILIP, Ladislav KOLÁŘ, Petr KONVALINA, Anna MAROUŠKOVÁ, Jan MOUDRÝ, Jiří PETERKA, Jiří ŠÁL, Miloslav ŠOCH, Vojtěch STEHEL, Otakar STRUNECKÝ, Karel SUCHÝ, Marek VOCHOZKA, Jaromír VRBKA a Tomáš ZOUBEK. Advances in the agrochemical utilization of fermentation residues reduce the cost of purpose-grown phytomass for biogas production. Energy Sources, Part A: Recovery, Utilization and Environmental Effects. Philadelphia: Taylor & Francis, Neuveden, March, s. 1 - 11. ISSN 1556-7036. 2020.

Number of records: 32

[1] 001 Title: The Effect of Long-Term Farmyard Manure and Mineral Fertilizer Application on the Increase in Soil Organic Matter Quality of Cambisols

Author(s): Balik, J (Balik, Jiri); Suran, P (Suran, Pavel); Sedlar, O (Sedlar, Ondrej); Cerny, J (Cerny, Jindrich); Kulhanek, M (Kulhanek, Martin); Prochazkova, S (Prochazkova, Simona); Asrade, DA (Asrade, Dinkayehu Alamnie); Smatanova, M (Smatanova, Michaela)

Source: AGRONOMY-BASEL Volume: 13 Issue: 12 Article Number: 2960 DOI: 10.3390/agronomy13122960 Published Date: 2023 DEC

Accession Number: WOS:001130564300001

eISSN: 2073-4395

[1] 002 Title: Comparative analysis of soil organic matter fractions, lability, stability ratios, and carbon management index in various land use types within bharatpur catchment, Chitwan District, Nepal

Author(s): Murindangabo, YT (Murindangabo, Yves Theoneste); Kopecky, M (Kopecky, Marek); Hoang, TN (Hoang, Trong Nghia); Bernas, J (Bernas, Jaroslav); Parajuli, T (Parajuli, Tulsii); Dhakal, S (Dhakal, Suman); Konvalina, P (Konvalina, Petr); Ufitikirezi, JDM (Ufitikirezi, Jean de Dieu Marcel); Kaneza, G (Kaneza, Gisele); Khanal, BR (Khanal, Babu Ram); Dhakal, SC (Dhakal, Shiva Chandra); Shrestha, AK (Shrestha, Arjun Kumar)

Source: CARBON BALANCE AND MANAGEMENT Volume: 18 Issue: 1 Article Number: 21 DOI: 10.1186/s13021-023-00241-1 Published Date: 2023 NOV 3

Accession Number: WOS:001092876500001

PubMed ID: 37923958

ISSN: 1750-0680

[1] 003 Title: Long-Term Application of Manure and Different Mineral Fertilization in Relation to the Soil Organic Matter Quality of Luvisols

Author(s): Balik, J (Balik, Jiri); Suran, P (Suran, Pavel); Sedlar, O (Sedlar, Ondrej); Cerny, J (Cerny, Jindrich); Kulhanek, M (Kulhanek, Martin); Prochazkova, S (Prochazkova, Simona); Asrade, DA (Asrade, Dinkayehu Alamnie); Smatanova, M (Smatanova, Michaela)

Source: AGRONOMY-BASEL Volume: 13 Issue: 11 Article Number: 2678 DOI: 10.3390/agronomy13112678 Published Date: 2023 NOV

Accession Number: WOS:001119873300001

eISSN: 2073-4395

[1] 004 Title: Quantitative Approaches in Assessing Soil Organic Matter Dynamics for Sustainable Management
Author(s): Murindangabo, YT (Murindangabo, Yves Theoneste); Kopecky, M (Kopecky, Marek); Konvalina, P (Konvalina, Petr); Ghorbani, M (Ghorbani, Mohammad); Perná, K (Perna, Kristyna); Nguyen, TG (Nguyen, Thi Giang); Bernas, J (Bernas, Jaroslav); Baloch, SB (Baloch, Sadia Babar); Hoang, TN (Hoang, Trong Nghia); Eze, FO (Eze, Festus Onyebuchi); Ali, S (Ali, Shahzaib)
Source: AGRONOMY-BASEL Volume: 13 Issue: 7 Article Number: 1776 DOI: 10.3390/agronomy13071776 Published Date: 2023 JUL
Accession Number: WOS:001037348000001
eISSN: 2073-4395

[1] 005 Title: Enhancing Soil Organic Matter Transformation through Sustainable Farming Practices: Evaluating Labile Soil Organic Matter Fraction Dynamics and Identifying Potential Early Indicators
Author(s): Murindangabo, YT (Murindangabo, Yves Theoneste); Kopecky, M (Kopecky, Marek); Perná, K (Perna, Kristyna); Nguyen, TG (Nguyen, Thi Giang); Ghorbani, M (Ghorbani, Mohammad); Konvalina, P (Konvalina, Petr); Bohatá, A (Bohata, Andrea); Kavková, M (Kavkova, Miloslava); Hoang, TN (Hoang, Trong Nghia); Kabelka, D (Kabelka, David); Klenotová, E (Klenotova, Eva)
Source: AGRICULTURE-BASEL Volume: 13 Issue: 7 Article Number: 1314 DOI: 10.3390/agriculture13071314 Published Date: 2023 JUL
Accession Number: WOS:001034725900001
eISSN: 2077-0472

[1] 006 Title: Oxidative pyrolysis of pellets from lignocellulosic anaerobic digestion residues and wood chips for biochar and syngas production
Author(s): El Abdellaoui, F (El Abdellaoui, F.); Roethlisberger, RP (Roethlisberger, R. P.); Ez-Zahraouy, H (Ez-Zahraouy, H.)
Source: FUEL Volume: 350 Article Number: 128824 DOI: 10.1016/j.fuel.2023.128824 Early Access Date: JUN 2023 Published Date: 2023 OCT 15
Accession Number: WOS:001017990300001
ISSN: 0016-2361
eISSN: 1873-7153

[1] 007 Title: Aerobic co-composting of mature compost with cattle manure: Organic matter conversion and microbial community characterization
Author(s): Zhang, ZC (Zhang, Zichun); Yang, HK (Yang, Huaikai); Wang, B (Wang, Bin); Chen, C (Chen, Chao); Zou, XS (Zou, Xiaoshuang); Cheng, T (Cheng, Tuo); Li, J (Li, Jiang)
Source: BIORESOURCE TECHNOLOGY Volume: 382 Article Number: 129187 DOI: 10.1016/j.biortech.2023.129187 Early Access Date: MAY 2023 Published Date: 2023 AUG
Accession Number: WOS:001002136000001
PubMed ID: 37196747
ISSN: 0960-8524
eISSN: 1873-2976

[1] 008 Title: Thermo-chemical conversion of pre-treated cucumber peel
Author(s): Tahir, MH (Tahir, Mudassir Hussain); Mubashir, T (Mubashir, Tayyaba); Naseem, K (Naseem, Khalida); Bashir, M (Bashir, Maryam); Zhang, YT (Zhang, Yiteng); Farrukh, A (Farrukh, Aftab); Ul Hassan, N (Ul Hassan, Najam); Irfan, RM (Irfan, Rana Muhammad)
Source: ENVIRONMENTAL PROGRESS & SUSTAINABLE ENERGY Volume: 42 Issue: 5 DOI: 10.1002/ep.14103 Early Access Date: MAR 2023 Published Date: 2023 SEP
Accession Number: WOS:000949184000001
ISSN: 1944-7442
eISSN: 1944-7450

[1] 009 Title: The basic aspects of the forestry system's functioning in the general economic system of the Republic of Kazakhstan
Author(s): Abayeva, KT (Abayeva, Kurmankul T.); Igembayeva, AK (Igembayeva, Ainur K.); Shynybekov, MK (Shynybekov, Murat K.); Rakymbekov, ZK (Rakymbekov, Zhandos K.); Rakhimzhanova, GM (Rakhimzhanova, Gaukhar M.)
Source: ENVIRONMENT DEVELOPMENT AND SUSTAINABILITY Volume: 26 Issue: 3 Pages: 7815-7826 DOI: 10.1007/s10668-023-03036-z Early Access Date: FEB 2023 Published Date: 2024 MAR
Accession Number: WOS:000936331600002
ISSN: 1387-585X
eISSN: 1573-2975

[1] 010 Title: Preproduction of wooden buildings makes them a promising tool for carbon sequestration
Author(s): Svajlenka, J (Svajlenka, Jozef); Marouskova, A (Marouskova, Anna)
Source: CLEAN TECHNOLOGIES AND ENVIRONMENTAL POLICY Volume: 25 Issue: 6 Pages: 1825-1835 DOI: 10.1007/s10098-023-02471-w Early Access Date: JAN 2023 Published Date: 2023 AUG
Accession Number: WOS:000925562400002
ISSN: 1618-954X
eISSN: 1618-9558

[1] 011 Title: Phytotoxicity evaluation of nutrient-fortified pomegranate peel powders prepared from food waste and their feasibility as biofertilizers
Author(s): Bodor, A (Bodor, Attila); Bellahsen, N (Bellahsen, Naoufal); Perei, K (Perei, Katalin); Hodúr, C (Hodur, Cecilia); Feigl, G (Feigl, Gabor)
Source: ENVIRONMENT DEVELOPMENT AND SUSTAINABILITY Volume: 26 Issue: 2 Pages: 3671-3685 DOI: 10.1007/s10668-022-02852-z Early Access Date: DEC 2022 Published Date: 2024 FEB
Accession Number: WOS:000904033000004
ISSN: 1387-585X

eISSN: 1573-2975

[1] 012 Title: Experimental evaluation of the influence of combined particle size pretreatment and Fe₃O₄ additive on fuel yields of *Arachis Hypogaea* shells

Author(s): Olatunji, KO (Olatunji, Kehinde O.); Madyira, DM (Madyira, Daniel M.); Ahmed, NA (Ahmed, Noor A.); Ogunkunle, O (Ogunkunle, Oyetola)

Source: WASTE MANAGEMENT & RESEARCH Volume: 41 Issue: 2 Pages: 467-476 DOI: 10.1177/0734242X221122560 Early Access

Date: SEP 2022 Published Date: 2023 FEB

Accession Number: WOS:000855913100001

PubMed ID: 36128600

ISSN: 0734-242X

eISSN: 1096-3669

[1] 0013 Title: Effects of biohydrogen on premixed charge compression ignition engine operating at various inlet air temperatures
Author(s): Zhao, BC (Zhao, Bingchao); Song, XY (Song, Xiaoyong); Wang, H (Wang, Han); Kandasamy, S (Kandasamy, Sabariswaran); Chinnathambi, A (Chinnathambi, Arunachalam); Alahmadi, TA (Alahmadi, Tahani Awad); Sathiyam, G (Sathiyam, Govindasamy); Chi, NTL (Chi, Nguyen Thuy Lan); Shanmuganathan, R (Shanmuganathan, Rajasree)

Source: FUEL Volume: 332 Article Number: 125907 DOI: 10.1016/j.fuel.2022.125907 Early Access Date: SEP 2022 Published Date: 2023 JAN 15 Part: 1

Accession Number: WOS:000870315200009

ISSN: 0016-2361

eISSN: 1873-7153

[1] 014 Title: Role of extractives in biomethane production: characterization and comparison of different varieties of rice straw

Author(s): Naik, GP (Naik, Gopal P.); Poonia, AK (Poonia, Anil K.); Chaudhari, PK (Chaudhari, Parmesh K.)

Source: CLEAN TECHNOLOGIES AND ENVIRONMENTAL POLICY Volume: 24 Issue: 9 Pages: 2899-2909 DOI: 10.1007/s10098-022-02375-1 Early Access Date: AUG 2022 Published Date: 2022 NOV

Accession Number: WOS:000842138900001

ISSN: 1618-954X

eISSN: 1618-9558

[1] 015 Title: Determination of the biogas potential of animal waste and plant location optimisation: A case study

Author(s): Seyitoglu, SS (Seyitoglu, Sertac Samed); Avcioglu, E (Avcioglu, Emir); Haboglu, MR (Haboglu, Mustafa Resit)

Source: INTERNATIONAL JOURNAL OF ENERGY RESEARCH Volume: 46 Issue: 14 Pages: 20324-20338 DOI: 10.1002/er.8523 Early Access Date: AUG 2022 Published Date: 2022 NOV

Accession Number: WOS:000851458600001

ISSN: 0363-907X

eISSN: 1099-114X

[1] 016 Title: Production of high-quality bio-product by pyrolysis of acid/metal modified chickpea husk

Author(s): Hosseinpour, S (Hosseinpour, Shima); Babatabar, MA (Babatabar, Mokhtar Akhound); Mousavi, MV (Mousavi, Mahshid, V); Tavasoli, A (Tavasoli, Ahmad)

Source: INTERNATIONAL JOURNAL OF ENERGY RESEARCH Volume: 46 Issue: 14 Pages: 20228-20248 DOI: 10.1002/er.8480 Early Access Date: AUG 2022 Published Date: 2022 NOV

Accession Number: WOS:000851429900001

ISSN: 0363-907X

eISSN: 1099-114X

[1] 017 Title: Processing and utilization of the solid plastic waste oil as the sustainable substitute for fossil fuel for the CI engine from microwave assisted pyrolysis process

Author(s): Zhao, BC (Zhao, Bingchao); Wang, H (Wang, Han); Yao, ZK (Yao, Zikun); Alfarraj, S (Alfarraj, Saleh); Alharbi, SA (Alharbi, Sulaiman Ali); Krishnan, R (Krishnan, Ramakrishnan); Chi, NTL (Chi, Nguyen Thuy Lan); Brindhadevi, K (Brindhadevi, Kathirvel)

Source: FUEL Volume: 327 Article Number: 125191 DOI: 10.1016/j.fuel.2022.125191 Early Access Date: JUL 2022 Published Date: 2022 NOV 1

Accession Number: WOS:000862646200002

ISSN: 0016-2361

eISSN: 1873-7153

[1] 018 Title: Biocrusts as a nature-based strategy (NbS) improve soil carbon and nitrogen stocks and maize productivity in semiarid environment

Author(s): Wang, W (Wang, Wei); Wang, BZ (Wang, Bao-Zhong); Zhou, R (Zhou, Rui); Ullah, A (Ullah, Abid); Zhao, ZY (Zhao, Ze-Ying); Wang, PY (Wang, Peng-Yang); Su, YZ (Su, Yong-Zhong); Xiong, YC (Xiong, You-Cai)

Source: AGRICULTURAL WATER MANAGEMENT Volume: 270 Article Number: 107742 DOI: 10.1016/j.agwat.2022.107742 Early Access Date: JUN 2022 Published Date: 2022 AUG 1

Accession Number: WOS:000826720800001

ISSN: 0378-3774

eISSN: 1873-2283

[1] 019 Title: Strategies to improve production of biomethane from organic wastes with anaerobic co-digestion: a systematic review

Author(s): Wang, Y (Wang, Ying); Zhang, SQ (Zhang, Siqi); Song, JH (Song, Jinghui); Sheng, CJ (Sheng, Chenjing); Shang, ZZ (Shang, Zezhou); Wang, R (Wang, Rui); Wang, XJ (Wang, Xiaojiao); Yang, GH (Yang, Gaihe); Feng, YZ (Feng, Yongzhong); Ren, GX (Ren, Guangxin)

Source: BIOFUELS BIOPRODUCTS & BIOREFINING-BIOFPR Volume: 16 Issue: 5 Pages: 1388-1411 DOI: 10.1002/bbb.2367 Early Access Date: MAY 2022 Published Date: 2022 SEP
Accession Number: WOS:000800836800001
ISSN: 1932-104X
eISSN: 1932-1031

[1] 020 Title: Role of soluble nano-catalyst and blends for improved combustion performance and reduced greenhouse gas emissions in internal combustion engines
Author(s): Zhang, XM (Zhang, Xiumei); Chi, NTL (Nguyen Thuy Lan Chi); Xia, CL (Xia, Changlei); Khalifa, AS (Khalifa, Amany Salah); Brindhadevi, K (Brindhadevi, Kathirvel)
Source: FUEL Volume: 312 Article Number: 122826 DOI: 10.1016/j.fuel.2021.122826 Published Date: 2022 MAR 15
Accession Number: WOS:000743243300001
ISSN: 0016-2361
eISSN: 1873-7153

[1] 021 Title: Hot corrosion behaviour of Hastelloy X and Inconel 625 in an aggressive environment for superalloys for high-temperature energy applications
Author(s): Hariharan, MK (Hariharan, M. Kamatchi); Anderson, A (Anderson, A.); Raghavan, K (Raghavan, Krishnamoorthy); Nithya, S (Nithya, S.)
Source: APPLIED NANOSCIENCE DOI: 10.1007/s13204-021-02077-y Early Access Date: FEB 2022 Published Date: 2022 FEB 3
Accession Number: WOS:000750779000027
ISSN: 2190-5509
eISSN: 2190-5517

[1] 022 Title: Biochar supported manganese based catalyst for low-temperature selective catalytic reduction of nitric oxide
Author(s): Raja, S (Raja, S.); Eshwar, D (Eshwar, D.); Natarajan, S (Natarajan, S.); Madraswala, A (Madraswala, Abdulkadir); Babu, CMB (Babu, C. M. Bharath); Alphin, MS (Alphin, M. S.); Manigandan, S (Manigandan, S.)
Source: CLEAN TECHNOLOGIES AND ENVIRONMENTAL POLICY Volume: 25 Issue: 4 Pages: 1109-1118 DOI: 10.1007/s10098-022-02274-5 Early Access Date: JAN 2022 Published Date: 2023 MAY
Accession Number: WOS:000749745800001
ISSN: 1618-954X
eISSN: 1618-9558

[1] 023 Title: Heavy metal recovery from electroplating effluent using adsorption by jute waste-derived biochar for soil amendment and plant micro-fertilizer
Author(s): Ramrakhiani, L (Ramrakhiani, Lata); Ghosh, S (Ghosh, Sourja); Majumdar, S (Majumdar, Swachchha)
Source: CLEAN TECHNOLOGIES AND ENVIRONMENTAL POLICY Volume: 24 Issue: 4 Special Issue: SI Pages: 1261-1284 DOI: 10.1007/s10098-021-02243-4 Early Access Date: JAN 2022 Published Date: 2022 MAY
Accession Number: WOS:000742591600003
ISSN: 1618-954X
eISSN: 1618-9558

[1] 024 Title: Fractionation of Soil Organic Matter into Labile and Stable Fractions
Author(s): Kopecky, M (Kopecky, Marek); Kolar, L (Kolar, Ladislav); Perna, K (Perna, Kristyna); Vachalova, R (Vachalova, Radka); Mraz, P (Mraz, Petr); Konvalina, P (Konvalina, Petr); Murindangabo, YT (Murindangabo, Yves Theoneste); Ghorbani, M (Ghorbani, Mohammad); Mensik, L (Mensik, Ladislav); Dumbrovsky, M (Dumbrovsky, Miroslav)
Source: AGRONOMY-BASEL Volume: 12 Issue: 1 Article Number: 73 DOI: 10.3390/agronomy12010073 Published Date: 2022 JAN
Accession Number: WOS:000747766300001
eISSN: 2073-4395

[1] 025 Title: Exergy and Energy Analyses of the <i>Spirulina</i> Microalgae Blends in a Direct Injection Engine at Variable Engine Loads
Author(s): Thanh, NC (Nguyen Chi Thanh); El Askary, A (El Askary, Ahmad); Elfasakhany, A (Elfasakhany, Ashraf); Nithya, S (Nithya, S.)
Source: JOURNAL OF ENERGY RESOURCES TECHNOLOGY-TRANSACTIONS OF THE ASME Volume: 143 Issue: 12 Article Number: 120908 DOI: 10.1115/1.4052180 Published Date: 2021 DEC 1
Accession Number: WOS:000712889800006
ISSN: 0195-0738
eISSN: 1528-8994

[1] 026 Title: A techno-economic analysis of biochar production and the bioeconomy for orchard biomass
Author(s): Nematian, M (Nematian, Maryam); Keske, C (Keske, Catherine); Ng'ombe, JN (Ng'ombe, John N.)
Source: WASTE MANAGEMENT Volume: 135 Pages: 467-477 DOI: 10.1016/j.wasman.2021.09.014 Early Access Date: OCT 2021 Published Date: 2021 NOV
Accession Number: WOS:000709773800015
PubMed ID: 34626931
ISSN: 0956-053X
eISSN: 1879-2456

[1] 027 Title: The role of bioenergy in Ukraine's climate mitigation policy by 2050
Author(s): Chepeliev, M (Chepeliev, Maksym); Diachuk, O (Diachuk, Oleksandr); Podolets, R (Podolets, Roman); Trypolska, G (Trypolska, Galyna)

Source: RENEWABLE & SUSTAINABLE ENERGY REVIEWS Volume: 152 Article Number: 111714 DOI: 10.1016/j.rser.2021.111714 Early Access Date: OCT 2021 Published Date: 2021 DEC
Accession Number: WOS:000708525600006
ISSN: 1364-0321
eISSN: 1879-0690

[1] 028 Title: Enzymatic lipase-based methyl esterified Citrullus colocynthis L. biodiesel for improved combustion, performance and emission characteristics
Author(s): Sheng, YQ (Sheng, Yequan); Brindhadevi, K (Brindhadevi, Kathirvel); Eed, EM (Eed, Emad M.); Xia, CL (Xia, Changlei); Chi, NTL (Chi, Nguyen Thuy Lan)
Source: FUEL Volume: 307 Article Number: 121899 DOI: 10.1016/j.fuel.2021.121899 Early Access Date: SEP 2021 Published Date: 2022 JAN 1
Accession Number: WOS:000702566500001
ISSN: 0016-2361
eISSN: 1873-7153

[1] 029 Title: Assessment of hydrogen and nanoparticles blended biodiesel on the diesel engine performance and emission characteristics
Author(s): Zhang, XM (Zhang, Xiumei); Yang, R (Yang, Rui); Anburajan, P (Anburajan, Parthiban); Le, QV (Van Le, Quyet); Alsehli, M (Alsehli, Mishal); Xia, CL (Xia, Changlei); Brindhadevi, K (Brindhadevi, Kathirvel)
Source: FUEL Volume: 307 Article Number: 121780 DOI: 10.1016/j.fuel.2021.121780 Early Access Date: AUG 2021 Published Date: 2022 JAN 1
Accession Number: WOS:000703786200001
ISSN: 0016-2361
eISSN: 1873-7153

[1] 030 Title: Comprehensive evaluation of the integrated membrane contactor-microalgae photobioreactor system for simultaneous H₂ purification and CO₂ treatment from biomass fermented gases
Author(s): Yusoff, II (Yusoff, Izzati Izni); Rohani, R (Rohani, Rosiah); Zaman, NK (Zaman, Nadiah Khairul); Naim, R (Naim, Rosmawati); Takriff, MS (Takriff, Mohd Sobri)
Source: JOURNAL OF CLEANER PRODUCTION Volume: 318 Article Number: 128608 DOI: 10.1016/j.jclepro.2021.128608 Early Access Date: AUG 2021 Published Date: 2021 OCT 10
Accession Number: WOS:000696165700002
ISSN: 0959-6526
eISSN: 1879-1786

[1] 031 Title: Biochar improved soil health and mitigated greenhouse gas emission from controlled irrigation paddy field: Insights into microbial diversity
Author(s): Jiang, ZW (Jiang, Zewei); Yang, SH (Yang, Shihong); Pang, QQ (Pang, Qingqing); Xu, Y (Xu, Yi); Chen, X (Chen, Xi); Sun, X (Sun, Xiao); Qi, ST (Qi, Suting); Yu, WQ (Yu, Wanqing)
Source: JOURNAL OF CLEANER PRODUCTION Volume: 318 Article Number: 128595 DOI: 10.1016/j.jclepro.2021.128595 Early Access Date: AUG 2021 Published Date: 2021 OCT 10
Accession Number: WOS:000711731100006
ISSN: 0959-6526
eISSN: 1879-1786

[1] 032 Title: Ash-extracts from plant residues can provide sufficient buffering alkalinity and trace elements required to prevent operation instability to guarantee optimum methane yield during anaerobic digestion of agricultural residues
Author(s): Egwu, U (Egwu, Uchenna); Uchenna-Egwu, B (Uchenna-Egwu, Beatrice); Ezeokpube, GC (Ezeokpube, Gregory Chukwumeka)
Source: JOURNAL OF CLEANER PRODUCTION Volume: 318 Article Number: 128369 DOI: 10.1016/j.jclepro.2021.128369 Early Access Date: AUG 2021 Published Date: 2021 OCT 10
Accession Number: WOS:000696493800004
ISSN: 0959-6526
eISSN: 1879-1786

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Počet doktorandov

Nevyžaduje sa.

Názov študijného odboru, v ktorom má vybraný uchádzač pôsobiť

8 Ekonomia a manažment

Počet uchádzačov

4