

Technická univerzita v Košiciach
Fakulta baníctva, ekológie, riadenia a geotechnológií

PREHLAD PUBLIKAČNEJ ČINNOSTI

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Autor: MAROUŠEK, Josef

Skupina A1 – Knižné publikácie charakteru vedeckej monografie (AAA, AAB, ABA, ABB, ABC, ABD)

Počet záznamov: 1

AAB - Vedecké monografie vydané v domácich vydavateľstvách (1)

Skupina A2 – Ostatné knižné publikácie (ACA, ACB, BAA, BAB, BCB, BCI, EAI, CAA, CAB, EAJ, FAI)

Počet záznamov: 3

ACB – Vysokoškolské učebnice vydané v domácich vydavateľstvách (1)

BCI – Skriptá a učebné texty (2)

Skupina B – Publikácie v karentovaných vedeckých časopisoch a autorské osvedčenia, patenty a objavy (ADC, ADD, AEG, AEH, BDC, BDD, CDC, CDD, AGJ)

Počet záznamov: 46

ADC – Vedecké práce v zahraničných karentovaných časopisoch (45)

ADD – Vedecké práce v domácich karentovaných časopisoch (1)

Skupina C – Ostatné recenzované publikácie (ACC, ACD, ADE, ADF, AEC, AED, AFA, AFB, AFC, AFD, AFE, AFF, AFG, AFH, BBA, BBB, BCK, BDA, BDB, BDE, BDF, BEC, BED, BFA, BFB, BGH, CDE, CDF)

Počet záznamov: 5

ADE – Vedecké práce v ostatných zahraničných časopisech (1)

ADF – Vedecké práce v ostatných domácich časopisech (1)

AEC – Vedecké práce v zahraničných recenzovaných vedeckých zborníkoch, monografiách (2)

AFD – Publikované príspevky na domácich vedeckých konferenciách (1)

Skupina N – Nové kategórie EPC v zmysle Vyhlášky č. 456/2012 (ADM, ADN, AEM, AEN, BDM, BDN, CBA, CBB)

Počet záznamov: 19

ADM – Vedecké práce v zahraničných časopisoch registrovaných v databázach Web of Science alebo SCOPUS (18)

ADN – Vedecké práce v domácich časopisoch registrovaných v databázach Web of Science alebo SCOPUS (1)

Počet záznamov spolu: 74

Menný zoznam publikácií:

AAB – Vedecké monografie vydané v domácich vydavateľstvách (1)

AAB001 Environmentálne indikátory a ich vplyv na trvalo udržateľný rozvoj. Košice (Slovensko): Technická univerzita v Košiciach. 2023, 140 p. ISBN: 978-80-553-4360-0.
[Gavurová B. (50 %, 3,5 AH) – Maroušek J. (50 %, 3,5 AH)]

ACB – Vysokoškolské učebnice vydané v domácich vydavateľstvách (1)

ACB001 Riziko a neistota vo financiách. Košice (Slovensko): Technická univerzita v Košiciach. 2023, 188 p. ISBN 978-80-553-4362-4.
[Gavurová B. (50 %, 4,7 AH) – Maroušek J. (50 %, 4,7 AH)]

BCI – Skriptá a učebné texty (2)

BCI001 Rozvoj ľudských zdrojov. Košice (Slovensko): Technická univerzita v Košiciach. 2023, 200 p. ISBN 978-80-553-4361-7
[Gavurová B. (30 %, 3,0 AH) – Maroušek J. (35 %, 3,5 AH) – Iannaccone B. (35 %, 3,5 AH)]

BCI002 Technologie pěstování a zpracování Echinacea purpurea na extrakt s požadovanými prvky jakosti a Podklady pro jeho certifikaci. České Budějovice: Zemědělská fakulta Jihočeské univerzity. 2008, 116 p. ISBN 978-80-7394-103-1.
[Kužel S. (10 %, 0,58 AH) – Kolář L. (10 %, 0,58 AH) – Tříška J. (10 %, 0,58 AH) – Cígler P. (10 %, 0,58 AH) – Vrchotová N. (10 %, 0,58 AH) – Peterka J. (10 %, 0,58 AH) – Maroušek J. (10 %, 0,58 AH) – Silovská Š. (10 %, 0,58 AH) – Vydra. J. (10 %, 0,58 AH) – Hrubý M. (10 %, 0,58 AH)]

ADC – Vedecké práce v zahraničných karentovaných časopisoch (45)

ADC001 Trade-off characteristic between soot and oxides of nitrogen emission with pre-injected diesel and biodiesel in a SICI-CIDI engine. *Fuel*. Oxford (Veľká Británia): Elsevier Science LTD, 2023, vol. 331, pt. 1. ISSN 0016-2361.
[Prabhakar M. (10 %) – Alharbi Sulaiman Ali (10 %) – Almoallim Hesham S. (10 %) – Prakash S. (10 %) – Kumar M. Saravana (10 %) – Surendrababu K. (10 %) – Sendilvelan S. (10 %) – Bhaskar K. (10 %) – Maroušek Josef (10 %) – Anderson A. (10 %)]

ADC002 Revisiting competitiveness of hydrogen and algae biodiesel. *Fuel*. Oxford (Veľká Británia): Elsevier, 2022, vol. 328, art no. 125317, p. 1-8. ISSN 0016-2361.
[Maroušek Josef (25 %) – Strunecký Otakar (25 %) – Bartoš, Vojtěch [Autor, 25%] ; Vochozka, Marek [Autor, 25%]. – DOI 10.1016/j.fuel.2022.125317. – WOS CC ; SCO

ADC003 Review: Nanoparticles can change (bio)hydrogen competitiveness. *Fuel*. Netherlands: Elsevier BV, 2022, vol. 328, p. 2-9. ISSN 0016-2361.
[Maroušek Josef (100 %)]

ADC004 Prediction of the fuel spray characteristics in the combustion chamber with methane and TiO₂ nanoparticles via numerical modelling. *Fuel*. Netherlands: Elsevier BV, 2022, vol. 326, 11 p. ISSN 0016-2361.
[Dongwei Shao (10 %) – Sami Al Obaid (10 %) – Alharbi Sulaiman Ali (10 %) – Josef Maroušek (10 %) – Manigandan Sekar (10 %) – Palanikumar Gunasekar (10 %) – Thuy Lan Chi Nguyen (10 %) – Brindhadevi Kathirvel (10 %) – Junfa Wang (10 %) – Donghua Jiang (10 %)]

ADC005 Role of injection pressure on fuel atomization and spray penetration on the *Thevetia peruviana* and *Jatropha curcas* biodiesel blends with nanoparticle. *Fuel*. Oxford (Veľká Británia): Elsevier, 2022, vol. 324, 11 p. ISSN 0016-2361.

[Xuan Wanga (12,5 %) – Yaoli Zhanga (12,5 %) – C. Karthikeyanb (12,5 %) – P. Boomadevic (12,5 %) – Josef Maroušek (12,5 %) – Omaima Nasifg (12,5 %) – Sulaiman Ali Alharbih (12,5 %) – Changlei Xiaa (12,5 %)]

ADC006 Machine learning based predictive modelling of micro gas turbine engine fuelled with microalgae blends on using LSTM networks: An experimental approach. *Fuel*. Oxford (Veľká Británia): Elsevier, 2022, vol. 322, p. 1-8. ISSN 0016-2361.

[Liu Yuchena (10 %) – V. Meenakshi (10 %) – L. Karthikeyan (10 %) – Josef Maroušek (10 %) – N.R. Krishnamoorthy (10 %) – Manigandan Sekar (10 %) – Omaimai Nasif (10 %) – Sulaiman Ali Alharbi (10 %) – Yingji Wu (10 %) – Changlei Xia (10 %)]

ADC007 Techno-economic analysis reveals the untapped potential of wood biochar. *Chemosphere*. Oxford (Veľká Británia): Elsevier Ltd. Pergamon Press., 2022, vol. 291, art. no. 133000, p. 2-11. ISSN 0045-6535.

[Marousek Josef (50%) – Trakal Lukas (50%)]

ADC008 Recovering phosphorous from biogas fermentation residues indicates promising economic results. *Chemosphere*. Oxford (Veľká Británia): Elsevier Ltd. Pergamon Press., 2022, vol. 291, p. 2-7. ISSN 0045-6535.

[Marousek Josef (50%) – Gavurová Beáta (50%)]

ADC009 Silica Nanoparticles from Coir Pith Synthesized by Acidic Sol-Gel Method Improve Germination Economics. *Polymers*. Switzerland: MDPI AG, 2022, vol. 14, no. 2, p. 2-12. ISSN 2073-4360.

[Josef Maroušek (12,5 %) – Anna Maroušková (12,5 %) – G. M. Gokul (12,5 %) – Andrea Bohatá (12,5 %) – Pavel Kříž (12,5 %) – Jan Bárta (12,5 %) – Pavel Černý (12,5 %) – Pavel Olšan (12,5 %)]

ADC010 Techno-economic review on short-term anthropogenic emissions of air pollutants and particulate matter. *Fuel*. Netherlands: Elsevier BV, 2021, vol. 305, 14 p. ISSN 0016-2361.

[Sekar Manigandan (20 %) – Kumar T. R. Praveen (20 %) – Kumar M. Selva Ganesh (20 %) – Vaničková Radka (20 %) – Maroušek Josef (20 %)]

ADC011 Novel sorbent shows promising financial results on P recovery from sludge water. *Chemosphere*. Oxford (England): Pergamon-Elsevier Science LTD, 2021, vol. 276, 8 p. ISSN 0045-6535.

[Stavkova Jana (50%) – Maroušek Josef (50 %)]

ADC012 Economic impacts of soil fertility degradation by traces of iron from drinking water treatment. *Environment Development and Sustainability*. Netherlands: Springer Science and Business Media B.V., 2021, 10 p. ISSN 1387-585X

[Maroušek Josef (25 %) – Maroušková Anna (25 %) – Zoubek Tomáš (25 %) – Bartoš Petr (25 %)]

ADC013 Economic considerations on nutrient utilization in wastewater management. *Energies*. Switzerland: MDPI. 2021, vol. 14, no. 12, p. 1-16. ISSN 1996-1073.

[Maroušek Josef (50 %) – Maroušková Anna (50 %)]

ADC014 Does the life cycle affect earnings management and bankruptcy? *Oeconomia Copernicana*. Poland: Nicolaus Copernicus University, 2021, vol. 12, no. 2, p. 425-461. ISSN 2083-1277.

[Durana Pavol (30 %) – Michalkova Lucia (30 %) – Privara Andrej (15 %) – Maroušek Josef (10 %) – Tumpach Miloš (15 %)]

ADC015 Influence of selected maize cultivation technologies on changes in the labile fraction of soil organic matter sandy-loam cambisol soil structure. *Soil and Tillage Research*. Amsterdam: Elsevier, 2020, vol. 207, p. 1 - 6. ISSN 0167-1987.

[Kopecký Marek (12 %) – Peterka Jiří (11 %) – Kolář Ladislav (11 %) – Konvalinka Petr (11 %) – Maroušek Josef (11 %) – Herout Marcel (11 %) – Strunecký Otakar (11 %) – Batt Jana (11 %) – Tran Dang Khoa (%)]

ADC016 Modified biochars present an economic challenge to phosphate management in wastewater treatment plants. *Journal of Cleaner Production*. Oxford (England): ELSEVIER, 2020, vol. 272, 9 p. ISSN 0959-6526.

[Maroušek Josef (12 %) – Kolář Ladislav (8 %) – Strunecký Otakar (8 %) – Kopecký Marek (8 %) – Bartoš Petr (8 %) – Maroušková Anna (8 %) – Cudlínová Eva (8 %) – Konvalinka Petr (8 %) – Šoch Miloslav (8 %) – Moudrý Jan (8 %) – Vaníčková Radka (8 %) – Vrbka Jaromír (8 %)]

ADC017 Techno-economic assessment of potato waste management in developing economies. *Clean Technologies and Environmental Policy*. New York (USA): Springer, 2020, vol. 22, p. 937-944. ISSN 1618-954X

[Maroušek Josef (15 %) – Rowland Zuzana (15 %) – Valášková Katerína (35 %) – Král Pavol (35 %)]

ADC018 Biochar farming: defining economically perspective applications. *Clean Technologies and Environmental Policy*. Berlin (Německo): Springer Verlag, 2019, vol. 21, no. 7, p. 1389-1395. ISSN 1618-954X.

[Maroušek Josef (40 %) – Strunecký Otakar (30 %) – Stehel Vojtěch (30 %)]

ADC019 Ferrous sludge from water clarification: Changes in waste management practices advisable. *Journal of Cleaner Production*. England: Elsevier Ltd, 2019, vol. 218, p. 459-464. ISSN 0959-6526.

[Maroušek Josef (12 %) – Stehel Vojtěch (11 %) – Vochozka Marek (11 %) – Kolář Ladislav (11 %) – Maroušková Anna (11 %) – Strunecký Otakar (11 %) – Peterka Jiří (11 %) – Kopecký Marek (11 %) – Shreedhar Sowmya (11 %)]

ADC020 Postponing of the intracellular disintegration step improves efficiency of phytomass processing. *Journal of Cleaner Production*. Anglie: ELSEVIER SCILTD, 2018, vol. 39, no. 31, p. 173-176. ISSN 0959-6526.

[Maroušek Josef (20 %) – Stehel Vojtěch (20 %) – Vochozka Marek (20 %) – Maroušková Anna (20 %) – Kolář Ladislav (20 %)]

ADC021 Biochar reduces nitrate level in red beet. *Environmental Science and Pollution Research*. Germany: Springer-Verlag GmbH Germany, part of Springer Nature 2018, 2018, vol. 25, no. 18, p. 18200-18203. ISSN 1614-7499.

[Maroušek Josef (20 %) – Stehel Vojtěch (20 %) – Vochozka Marek (20 %) – Maroušková Anna (20 %) – Kolář Ladislav (20 %)]

ADC022 Novel method for cultivating beetroot reduces nitrate content. *Journal of Cleaner Production*. Anglie: ELSEVIER SCILTD, 2017, vol. 168, p. 60-62. ISSN 0959-6526.

[Maroušek Josef (20 %) – Kolář Ladislav (20 %) – Vochozka Marek (20 %) – Stehel Vojtěch (20 %) – Maroušková Anna (20 %)]

ADC023 Glory and misery of biochar. *Clean Technologies and Environmental Policy*. New York (USA): Springer, 2016, vol. 19, no. 2, p. 311-315. ISSN 1618-9558.

[Maroušek Josef (20 %) – Vochozka Marek (20 %) – Plachý Jan (20 %) – Žák Jaroslav (20 %)]

ADC024 Polemics on Ethical Aspects in the Compost Business. *Science and Engineering Ethics*. NETHERLANDS: SPRINGER, 2016, Vol. 22, no. 2, p. 581-589. ISSN 1471-5546.

[Maroušek Josef (16 %) – Hašková Simona (12 %) – Zeman Robert (12 %) – Žák Jaroslav (12 %) – Vaníčková Radka (12 %) – Maroušková Anna (12 %) – Váchal Jan (12 %) – Myšková Kateřina (12 %)]

ADC025 Techno-economic assessment of processing the cellulose casings waste. *Clean Technologies and Environmental Policy*. New York: Springer, 2015, vol. 17, no. 8, p. 2441-2446. ISSN 1618-954X

[Maroušek Josef (16 %) – Hašková Simona (12 %) – Zeman Robert (12 %) – Žák Jaroslav (12 %) – Vaníčková Radka (12 %) – Maroušková Anna (12 %) – Váchal Jan (12 %) – Myšková Kateřina (12 %)]

ADC026 Processing of residues from biogas plants for energy purposes. *Clean Technologies and Environmental Policy*. New York: Springer, 2015, vol. 17, no. 3, p. 797-801. ISSN 1618-954X.

[Maroušek Josef (20 %) – Hašková Simona (20 %) – Zeman Robert (20 %) – Váchal Jan (20 %) – Vaníčková Radka (20 %)]

ADC027 Managerial Preferences in Relation to Financial Indicators Regarding the Mitigation of Global Change. *Science and Engineering Ethics*. Dordrecht: Springer, 2015, vol. 21, no. 1, p. 203-207. ISSN 1353-3452.

[Maroušek Josef (25 %) – Hašková Simona (25 %) – Zeman Robert (25 %) – Vaníčková Radka (25 %)]

ADC028 Assessing the implications of EU subsidy policy on renewable energy in Czech Republic. *Clean Technologies and Environmental Policy*. New York: Springer, 2015, vol. 17, no. 2, p. 549-554. ISSN 1618-954X

[Maroušek Josef (20 %) – Hašková Simona (20 %) – Zeman Robert (20 %) – Váchal Jan (20 %) – Vaníčková Radka (20 %)]

ADC029 Economic Analysis of the Pressure Shockwave Disintegration Process. *International Journal of Green Energy*. Philadelphia: TAYLOR & FRANCIS INC, 2015, vol. 12, no. 12, p. 1232-1235. ISSN 1543-5075

[Maroušek Josef (100 %)]

ADC030 Significant breakthrough in biochar cost reduction. *Clean Technologies and Environmental Policy*. New York: Springer, 2014, vol. 16, no. 8, p. 1821-1825. ISSN 1618-954X.

[Maroušek Josef (100 %)]

ADC031 New concept of urban green management. *Clean Technologies and Environmental Policy*. New York: Springer, 2014, vol. 16, no. 8, p. 1835-1838. ISSN 1618-954X

[Maroušek Josef (25 %) – Zeman Robert (25 %) – Vaníčková Radka (25 %) – Hašková Simona (25 %)]

ADC032 Nutrient Management in Processing of Steam-Exploded Lignocellulose Phytomass. *Chemical Engineering and Technology*. Weinheim: WILEY-VCH VERLAG GMBH, 2014, Vol. 37, no. 11, p. 1945-1948. ISSN 0930-7516

[Maroušek Josef (20 %) – Hašková Simona (20 %) – Zeman Robert (20 %) – Váchal Jan (20 %) – Vaníčková Radka (20 %)]

ADC033 Biotechnological partition of the grass silage to streamline its complex energy utilization. *International Journal of Green Energy*. Philadelphia: TAYLOR & FRANCIS INC, 2014, vol.11, no. 9, p. 962-968. ISSN 1543-5075

[Maroušek Josef (100 %)]

ADC034 Economically oriented process optimization in waste management. *Environmental Science and Pollution Research*. Germany: Springer-Verlag GmbH Germany, Vol. 21, no. 12, p. 7400-7402. ISSN 0944-1344.

[Maroušek Josef (100 %)]

ADC035 Novel technique to enhance the disintegration effect of the pressure waves on oilseeds. *Industrial Crops And Products*. Amsterdam (Netherlands): Elsevier, Vol. 53, p. 1-5. ISSN 0926-6690.
[Maroušek Josef (100 %)]

ADC036 Study on Commercial Scale Steam Explosion of Winter Brassica Napus STRAW. *International Journal of Green Energy*. Philadelphia (USA): Taylor&Francis INC, Vol. 10, no. 9, p. 944-951. ISSN 1543-5075.
[Maroušek Josef (100 %)]

ADC037 Prospects in straw disintegration for biogas production. *Environmental Science and Pollution Research*. Germany: Springer-Verlag GmbH Germany, Vol. 20, no. 10, p. 7268-7274. ISSN 0944-1344.
[Maroušek Josef (100 %)]

ADC038 Enzymatic hydrolysis enhanced by pressure shockwaves opening new possibilities in *Jatropha Curcas L.* processing. *Journal of Chemical Technology and Biotechnology*. England: Wiley, Vol. 88, no. 9, p. 1650-1653. ISSN 0268-2575
[Marousek Josef (16 %) - Itoh Shigeru (12 %) - Higa Osamu (12 %) - Kondo Yoshikazu (12 %) - Ueno Masami (12 %) - Suwa Ryuichi (12 %) - Tominaga Jun (12 %) - Kawamitsu Yoshinobu (12 %)]

ADC039 Use of continuous pressure shockwaves apparatus in rapeseed oil processing. *Clean Technologies and Environmental Policy*. New York (USA): Springer, Vol. 15, no. 4, p. 721-725. ISSN 1618-954X
[Maroušek Josef (100 %)]

ADC040 Pretreatment of sunflower stalks for biogas production. *Clean Technologies and Environmental Policy*. New York (USA): Springer, Vol. 15, no. 4, p. 735-740. ISSN 1618-954X
[Maroušek Josef (100 %)]

ADC041 Study on Agriculture Decision-Makers Behavior on Sustainable Energy Utilization. *Journal of Agricultural & Environmental Ethics*. Netherlands: Springer, Vol. 26, no. 3, p. 679-689. ISSN 1187-7863
[Maroušek Josef (100 %)]

ADC042 Commercial-scale utilization of greenhouse residues. *Biotechnology and Applied Biochemistry*. USA: Wiley, Vol. 60, no. 2, p. 253-258. ISSN 0885-4513.
[Marousek Josef (25 %) - Kondo Yoshikazu (25 %) - Ueno Masami (25 %) - Kawamitsu Yoshinobu (25 %)]

ADC043 Removal of hardly fermentable ballast from the maize silage to accelerate biogas production. *Industrial Crops and Products*. Amsterdam (Netherlands): Elsevier, Vol. 44, p. 253-257. ISSN 0926-6690.
[Marousek Josef (25 %) - Kondo Yoshikazu (25 %) - Ueno Masami (25 %) - Kawamitsu Yoshinobu (25 %)]

ADC044 Use of pressure manifestations following the water plasma expansion for phytomass disintegration. *Water Science and Technology*. London (England): IWA Publishing, Vol. 67, no. 8, p. 1695-1700. ISSN 0273-1223
[Marousek Josef (50 %) - Kwan Jason Tai Hong (50 %)]

ADC045 The use of underwater high-voltage discharges to improve the efficiency of *Jatropha curcas* L. biodiesel production. *Biotechnology and Applied Biochemistry*. USA: Wiley, Vol. 59, no. 6, p. 451-456. ISSN 0885-4513

[Marousek Josef (12 %) - Itoh Shigeru (11 %) - Higa Osamu (11 %) - Kondo Yoshikazu (11 %) - Ueno Masami (11 %) - Suwa Ryuichi (11 %) - Komiya Yasuaki (11 %) - Tominaga Jun (11 %) - Kawamitsu Yoshinobu (11 %)]

ADD – Vedecké práce v domácich karentovaných časopisoch (1)

ADD001 The influence of the international price of oil on the value of the EUR/USD exchange rate. *Journal of Competitiveness*. Zlín (Czech Republic): Tomáš Baťa University, 2020, vol. 12, no. 2, p. 167-190. ISSN 1804-171X.

[Vochozka Marek (25 %) – Rowland Zuzana (25 %) – Šuleř Petr (25 %) – Maroušek Josef (25 %)]

ADE – Vedecké práce v ostatných zahraničných časopisech (1)

ADE001 The perception of SMEs bankruptcy concerning CSR implementation. *International Journal of Entrepreneurial Knowledge*. Ostrava (Česko): Vysoká škola podnikání. 2021, vol. 9, no. 2, p. 85-95. ISSN 2336-2952

[Metzker Zdenko (30 %) – Maroušek Josef (30 %) – Zvaríková Katarína (30 %) – Hlawiczka Roman (10 %)]

ADF – Vedecké práce v ostatných domácich časopisoch (1)

ADF001 The perception of significant aspects of personnel risk in the management of SMEs. *Ekonomicko-manážerske spektrum*. Žilina (Slovensko): Žilinská univerzita v Žiline. Fakulta prevádzky a ekonomiky dopravy a spojov. 2021, vol. 15, no. 2, p. 1-12. ISSN 1337-0839

[Belás Jaroslav (25%) – Zvaríková Katarína (25 %) – Marousek Josef (25%) – Metzker Zdenko (25%)]

AEC – Vedecké práce v zahraničných recenzovaných vedeckých zborníkoch, monografiách (2)

AEC001 Crystallization nuclei obtained from biowaste enables the production of concrete in accordance with the principles of circular economy. In: *7th International Conference on Smart and Sustainable Technologies (SpliTech)*. Split, (Croatia): IEEE, 2022, p. 1-4. ISBN:978-1-6654-8828-0

Maroušek, Josef [Autor, 50%] ; Maroušková, Anna [Autor, 50%]

AEC002 Shock Waves for Enhancing Extraction Yield. In Knoerzer, K., Muthukumarappan, K. (Eds.). *Innovative Food Processing Technologies: A Comprehensive Review*. Elsevier, 2020, vol. 3, p. 439-443. ISBN 978-0-12-815781-7.

[Maroušek Josef (20 %) – Bartoš Petr (20 %) – Maroušková Anna (20 %) - Stehel Vojtěch (20 %) – Strunecký Otakar (20 %)]

AFD – Publikované príspevky na domácich vedeckých konferenciách (1)

AFD001 Managing carbon sequestration. In *Innovative Economic Symposium 2015*. České Budějovice: Vysoká škola technická a ekonomická v Českých Budějovicích, 2015, vol. 1, p. 1-7. ISSN 2464-6369.

[Maroušek Josef (100 %)]

ADM – Vedecké práce v zahraničných časopisoch registrovaných v databázach Web of Science alebo SCOPUS (18)

ADM001 Environmental and economic advantages of production and application of digestate biochar. *Environmental Technology and Innovation*. Netherlands: Elsevier BV, 2023. ISSN 2352-1864. [Maroušek Josef (96 %) – Minofar Bebak (1 %) – Maroušková Anna (1 %) – Strunecký Otakar (1 %) – Gavurová Beata (1 %)] - publikováno, čakající na indexaci v databázi Scopus

ADM002 Techno-economic identification of production factors threatening the competitiveness of algae biodiesel. *Fuel*. Oxford (England): Elsevier SCI LTD, 2023. ISSN 0016-2361. [Maroušek Josef (95 %) – Gavurová Beata (1 %) – Strunecký Otakar (1 %) – Maroušková Anna (1 %) – Sekar Manigandan (1 %) – Vochozka Marek (1 %)] – publikováno, indexováno v databázi Scopus (WoS čakající, karentovaný časopis)

ADM003 Aluminum nanoparticles from liquid packaging board improve the competitiveness of (bio)diesel. *Clean Technologies and Environmental Policy*. New York (United States): SPRINGER, 2022. ISSN 1618-954X [Maroušek Josef (100 %)]

ADM004 Insect rearing on biowaste represents a competitive advantage for fish farming. *Reviews in Aquaculture*. Hoboken (New Jersey): Wiley, 2022. ISSN 1753-5123 [Maroušek Josef (33 %) – Otakar Strunecký (33 %) – Anna Maroušková (33 %)]

ADM005 Environmental taxes in ensuring national security: A structural optimization model. *Journal of International Studies*. Poland: Centre of Sociological Research, 2021, vol. 14, no. 2, p. 292-312. ISSN 2071-8330 [Samusevych Yaryna (20 %) – Maroušek Josef (20 %) – Kuzmenko Olha (20 %) – Streimikis Justas (20 %) – Vysochyna Alina (20 %)]

ADM006 The Perception of the Market and Operational Area of Business by Service Sector and Tourism Companies in terms of CSR implementation. *JOURNAL OF TOURISM AND SERVICES*. Praha: Centrum pro mezinárodní vědecký výzkum VŠO a VŠPP, 2021, Vol. 12, no. 23, p. 217-236. ISSN 1804-5650. [Metzker, Zdenko (20%) – Maroušek Josef (20%) – Hlawiczka Roman (20%) – Belás Jaroslav (20%) – Khan, Khurram Ajaz (20%)]

ADM007 Do size and age of small and medium-sized enterprises matter in corporate social responsibility? *Economics and Sociology*. Szcecin: Centre of Sociological Research, 2020, roč. 13, č. 2, s. 86-99. ISSN 2071-789X [Cera Gentjan (25 %) – Belas Josef (25 %) – Maroušek Josef (25 %) – Cera Edmond (25 %)]

ADM008 Perceptions of the importance of business ethics in SMEs: A comparative study of Czech and Slovak entrepreneurs. *Ethics and Bioethics*. Sciendo, 2020, roč. 10, 1-2, s. 96-106. ISSN 1338-5615. doi:10.2478/ebce-2020-0010. [Belás Josef (25 %) – Khan Khuramm Ajaz (25 %) – Maroušek Josef (25 %) – Rozsa Zoltán (25 %)]

ADM009 Pressure Shockwaves to Enhance Oil Extraction from *Jatropha Curcas L.* *Biotechnology & Biotechnological Equipment*. Vol. 27, č. 2, s. 3654-3658. ISSN 1310-2818. doi: 10.5504/BBEQ.2012.0143 [Marousek Josef (12 %) - Itoh Shigeru (11 %) - Higa Osamu (11 %) - Kondo Yoshikazu (11 %) - Ueno Masami (11 %) - Suwa Ryuichi (11 %) - Komiya Yasuaki (11 %) - Tominaga Jun (11 %) - Kawamitsu Yoshinobu (11 %)]

ADM010 Shower cooler reduces pollutants release in production of competitive cement substitute at low cost. *Energy Sources, Part A: Recovery, Utilization and Environmental Effects*. Philadelphia: Taylor & Francis, 2020, Neuveden, September, s. 1 - 10. ISSN 1556-7036.

[Maroušek Josef (40 %) – Maroušková Anna (30 %) – Kůs Tomáš (30 %)]

ADM011 Advances in nutrient management make it possible to accelerate biogas production and thus improve the economy of food waste processing. *Energy Sources Part A-Recovery Utilization and Environmental Effects*. Philadelphia: Taylor and Francis Inc., 2020, neuveden, Jun 2020, s. 1-10, 11 s. ISSN 1556-7036.

[Maroušek Josef (10 %) – Strunecký Otakar (5 %) – Kolář Ladislav (5 %) – Vochozka Marek (5 %) – Kopecký Marek (5 %) – Maroušková Anna (5 %) – Batt Jana (5 %) – Poliak Milos (5 %) – Soch Miloslav (5 %) – Bartoš Petr (5 %) – Klieštík Tomáš (5 %) – Filip Martin (5 %) – Konvalinka Petr (5 %), Moudrý Jan (5 %), Peterka Jiří (5 %), Suchý Karel (5 %), Zoubek Tomáš (5 %), Cera Edmond (5 %)]

ADM012 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, 2020, Neuveden, March, s. 1 - 11. ISSN 1556-7036.

[Maroušek Josef (10 %) – Bartoš Petr (6 %) – Filip Martin (6 %) – Kolář Ladislav (6 %) – Konvalinka Petr (6 %) – Maroušková Anna (6 %) – Moudrý Jan (6 %) – Peterka Jiří (6 %) – Šál Jiří (6 %) – Šoch Miloslav (6 %) – Stehel Voltěch (6 %) – Strunecký Otakar (6 %) – Suchý Karel (6 %), Vochozka Marek (6 %), Vrbka Jaromír (6 %) – Zoubek Tomáš (6 %)]

ADM013 Perceptions of the importance of business in SMEs: a comparative study of Czech and Slovak entrepreneurs. *Ethics & Bioethics*. Varšava (Poľsko): De Gruyter, 2020, vol. 10, no. 1-2, p. 96-106. ISSN 1338-5615

[Belás Jaroslav (25 %) - Khan Khurram Ajaz (25 %) – Maroušek Josef (25 %) – Rózsa Zoltán (25%)]

ADM014 Financial and Biotechnological Assessment of New Oil Extraction Technology. *Energy Sources, Part A: Recovery, Utilization, and Environmental Effects*. Philadelphia: TAYLOR & FRANCIS INC, 2015, Vol. 37, č. 16, p. 1723-1728. ISSN 1556-7036.

[Maroušek Josef (12 %) – Hašková Simona (11 %) – Maroušková Anna (11 %) – Myšková Kateřina (11 %) – Vaničková Radka (11 %) – Váchal Jan (11 %) – Vochozka Marek (11 %) – Zeman Robert (11 %) – Žák Jaroslav (11 %)]

ADM015 Techno-economic assessment of collagen casings waste management. *International Journal of Environmental Science and Technology*. New York (USA): Springer, 2015, vol. 12, no. 10, p. 3385-3390. ISSN 1735-1472.

[Maroušek Josef (20 %) – Maroušková Anna (16 %) – Myšková Kateřina (16 %) – Váchal Jan (16 %) – Vochozka Marek (16 %) – Žák Jaroslav (16 %)]

ADM016 Two-fraction anaerobic fermentation of grass waste. *Journal of the Science of Food and Agriculture*. Vol. 93, no. 10, p. 2410-2414. ISSN 0022-5142.

[Marousek Josef (100 %)]

ADM017 Methods for Improving Methane Yield from Rye Straw. *Applied Engineering In Agriculture*. St. Joseph (Michigan): American Society of Agricultural and Biological Engineers, 2012, Vol. 28, no. 5, p. 747-755. ISSN 0883-8542

[Marousek J. – (20 %) - Kawamitsu Y. (20 %) - Ueno M. (20 %) - Kondo Y. (20 %) - Kolar L. (20 %)]

ADM018 Finding the optimal parameters for the steam explosion process of hay. *Revista Tecnica de la Facultad de Ingenieria Universidad del Zulia*. Zulia (Venezuela): Univ Zulia, 2012, Vol. 35, no. 2, p. 170-178. ISSN 0254-0770.

[Maroušek Josef (100 %)]

ADN – Vedecké práce v domácich časopisoch registrovaných v databázach Web of Science alebo SCOPUS (1)

ADN001 **Nitrates in Beetroot and Sodium Fertilization.** *Listy cukrovarnické a řepářské.* Praha: Listy cukrovarnicke reparske, VUC Praha, a. s., 2017, vol. 133, no. 12, p. 386-388. ISSN 1210-3306.

[Váchalová Radka (12,5 %) – Maroušek Josef (12,5 %) – Kolář Ladislav (12,5 %) – Peterka Jiří (12,5 %) – Kopecký Marek (12,5 %) – Havelka Zbyněk (12,5 %) - Pártlová Petra (12,5 %) – Váchal Jan (12,5 %)]

PREHLAD PUBLIKAČNEJ ČINNOSTI AUTORA Z DATABÁZY WEB OF SCIENCE
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Web of Science
(Records 1- 62)

62 record(s) printed from Clarivate Web of Science

Record 1 of 62

Title: Biochar farming: defining economically perspective applications

Author(s): Marousek, J (Marousek, Josef); Strunecky, O (Strunecky, Otakar); Stehel, V (Stehel, Vojtech)

Source: CLEAN TECHNOLOGIES AND ENVIRONMENTAL POLICY **Volume:** 21 **Issue:** 7 **Pages:** 1389-1395 **DOI:** 10.1007/s10098-019-01728-7 **Published:** SEP 2019

Times Cited in Web of Science Core Collection: 172

Total Times Cited: 172

Document Type: Review

ISSN: 1618-954X **eISSN:** 1618-9558

Record 2 of 62

Title: Glory and misery of biochar

Author(s): Marousek, J (Marousek, Josef); Vochozka, M (Vochozka, Marek); Plachy, J (Plachy, Jan); Zak, J (Zak, Jaroslav)

Source: CLEAN TECHNOLOGIES AND ENVIRONMENTAL POLICY **Volume:** 19 **Issue:** 2 **Pages:** 311-317 **DOI:** 10.1007/s10098-016-1284-y **Published:** 2017

Times Cited in Web of Science Core Collection: 135

Total Times Cited: 137

Document Type: Review

ISSN: 1618-954X **eISSN:** 1618-9558

Record 3 of 62

Title: Significant breakthrough in biochar cost reduction

Author(s): Marousek, J (Marousek, Josef)

Source: CLEAN TECHNOLOGIES AND ENVIRONMENTAL POLICY **Volume:** 16 **Issue:** 8 **Special Issue:** SI **Pages:** 1821-1825 **DOI:** 10.1007/s10098-014-0730-y **Published:** DEC 2014

Times Cited in Web of Science Core Collection: 108

Total Times Cited: 108

Document Type: Article

ISSN: 1618-954X **eISSN:** 1618-9558

Record 4 of 62

Title: Ferrous sludge from water clarification: Changes in waste management practices advisable

Author(s): Marousek, J (Marousek, Josef); Stehel, V (Stehel, Vojtech); Vochozka, M (Vochozka, Marek); Kolar, L (Kolar, Ladislav); Marouskova, A (Marouskova, Anna); Strunecky, O (Strunecky,

Otakar); Peterka, J (Peterka, Jiri); Kopecky, M (Kopecky, Marek); Shreedhar, S (Shreedhar, Sowmya)

Source: JOURNAL OF CLEANER PRODUCTION **Volume:** 218 **Pages:** 459-464 **DOI:** 10.1016/j.jclepro.2019.02.037 **Published:** MAY 1 2019

Times Cited in Web of Science Core Collection: 90

Total Times Cited: 90

Document Type: Article

ISSN: 0959-6526 **eISSN:** 1879-1786

Record 5 of 62

Title: Modified biochars present an economic challenge to phosphate management in wastewater treatment plants

Author(s): Marousek, J (Marousek, Josef); Kolar, L (Kolar, Ladislav); Strunecky, O (Strunecky, Otakar); Kopecky, M (Kopecky, Marek); Bartos, P (Bartos, Petr); Marouskova, A (Marouskova, Anna); Cudlinova, E (Cudlinova, Eva); Konvalina, P (Konvalina, Petr); Soch, M (Soch, Miloslav); Moudry, J (Moudry, Jan, Jr.); Vanickova, R (Vanickova, Radka); Vrbka, J (Vrbka, Jaromir)

Source: JOURNAL OF CLEANER PRODUCTION **Volume:** 272 **Article Number:** 123015 **DOI:** 10.1016/j.jclepro.2020.123015 **Published:** NOV 1 2020

Times Cited in Web of Science Core Collection: 88

Total Times Cited: 88

Document Type: Article

ISSN: 0959-6526 **eISSN:** 1879-1786

Record 6 of 62

Title: Advances in the agrochemical utilization of fermentation residues reduce the cost of purpose-grown phytomass for biogas production

Author(s): Marousek, J (Marousek, Josef); Bartos, P (Bartos, Petr); Filip, M (Filip, Martin); Kolar, L (Kolar, Ladislav); Konvalina, P (Konvalina, Petr); Marouskova, A (Marouskova, Anna); Moudry, J (Moudry, Jan); Peterka, J (Peterka, Jiri); Sal, J (Sal, Jiri); Soch, M (Soch, Miloslav); Stehel, V (Stehel, Vojtech); Strunecky, O (Strunecky, Otakar); Suchy, K (Suchy, Karel); Vochozka, M (Vochozka, Marek); Vrbka, J (Vrbka, Jaromir); Zoubek, T (Zoubek, Tomas)

Source: ENERGY SOURCES PART A-RECOVERY UTILIZATION AND ENVIRONMENTAL EFFECTS **DOI:** 10.1080/15567036.2020.1738597 **Early Access Date:** MAR 2020

Times Cited in Web of Science Core Collection: 74

Total Times Cited: 74

Document Type: Article; Early Access

ISSN: 1556-7036 **eISSN:** 1556-7230

Record 7 of 62

Title: Advances in nutrient management make it possible to accelerate biogas production and thus improve the economy of food waste processing

Author(s): Marousek, J (Marousek, Josef); Strunecky, O (Strunecky, Otakar); Kolar, L (Kolar, Ladislav); Vochozka, M (Vochozka, Marek); Kopecky, M (Kopecky, Marek); Marouskova, A (Marouskova, Anna); Batt, J (Batt, Jana); Poliak, M (Poliak, Milos); Soch, M (Soch, Miloslav); Bartos, P (Bartos, Petr); Kliestik, T (Kliestik, Tomas); Filip, M (Filip, Martin); Konvalina, P (Konvalina, Petr); Moudry, J (Moudry, Jan); Peterka, J (Peterka, Jiri); Suchy, K (Suchy, Karel); Zoubek, T (Zoubek, Tomas); Cera, E (Cera, Edmond)

Source: ENERGY SOURCES PART A-RECOVERY UTILIZATION AND ENVIRONMENTAL EFFECTS **DOI:** 10.1080/15567036.2020.1776796 **Early Access Date:** JUN 2020

Times Cited in Web of Science Core Collection: 70

Total Times Cited: 70

Document Type: Article; Early Access

ISSN: 1556-7036 **eISSN:** 1556-7230

Record 8 of 62

Title: Novel sorbent shows promising financial results on P recovery from sludge water

Author(s): Stavkova, J (Stavkova, Jana); Marousek, J (Marousek, Josef)

Source: CHEMOSPHERE **Volume:** 276 **Article**

Number: 130097 **DOI:** 10.1016/j.chemosphere.2021.130097 **Early Access Date:** MAR 2021 **Published:** AUG 2021

Times Cited in Web of Science Core Collection: 69

Total Times Cited: 69

Document Type: Article

ISSN: 0045-6535 **eISSN:** 1879-1298

Record 9 of 62

Title: Study on Agriculture Decision-Makers Behavior on Sustainable Energy Utilization

Author(s): Marousek, J (Marousek, Josef)

Source: JOURNAL OF AGRICULTURAL & ENVIRONMENTAL

ETHICS **Volume:** 26 **Issue:** 3 **Pages:** 679-689 **DOI:** 10.1007/s10806-012-9423-x **Published:** JUN 2013

Times Cited in Web of Science Core Collection: 61

Total Times Cited: 62

Document Type: Article

ISSN: 1187-7863 **eISSN:** 1573-322X

Record 10 of 62

Title: Postponing of the intracellular disintegration step improves efficiency of phytomass processing

Author(s): Marousek, J (Marousek, Josef); Stehel, V (Stehel, Vojtech); Vochozka, M (Vochozka, Marek); Marouskova, A (Marouskova, Anna); Kolar, L (Kolar, Ladislav)

Source: JOURNAL OF CLEANER PRODUCTION **Volume:** 199 **Pages:** 173-176 **DOI:** 10.1016/j.jclepro.2018.07.183 **Published:** OCT 20 2018

Times Cited in Web of Science Core Collection: 57

Total Times Cited: 57

Document Type: Article

ISSN: 0959-6526 **eISSN:** 1879-1786

Record 11 of 62

Title: Polemics on Ethical Aspects in the Compost Business

Author(s): Marousek, J (Marousek, Josef); Haskova, S (Haskova, Simona); Zeman, R (Zeman, Robert); Zak, J (Zak, Jaroslav); Vanickova, R (Vanickova, Radka); Marouskova, A (Marouskova, Anna); Vachal, J (Vachal, Jan); Myskova, K (Myskova, Katerina)

Source: SCIENCE AND ENGINEERING ETHICS **Volume:** 22 **Issue:** 2 **Pages:** 581-590 **DOI:** 10.1007/s11948-015-9664-y **Published:** APR 2016

Times Cited in Web of Science Core Collection: 57

Total Times Cited: 57

Document Type: Article

ISSN: 1353-3452 eISSN: 1471-5546

Record 12 of 62

Title: Techno-economic assessment of potato waste management in developing economies

Author(s): Marousek, J (Marousek, Josef); Rowland, Z (Rowland, Zuzana); Valaskova, K (Valaskova, Katarina); Kral, P (Kral, Pavol)

Source: CLEAN TECHNOLOGIES AND ENVIRONMENTAL

POLICY Volume: 22 Issue: 4 Pages: 937-944 DOI: 10.1007/s10098-020-01835-w Early Access

Date: MAR 2020 Published: MAY 2020

Times Cited in Web of Science Core Collection: 55

Total Times Cited: 55

Document Type: Article

ISSN: 1618-954X eISSN: 1618-9558

Record 13 of 62

Title: Economic Analysis of the Pressure Shockwave Disintegration Process

Author(s): Marousek, J (Marousek, Josef)

Source: INTERNATIONAL JOURNAL OF GREEN

ENERGY Volume: 12 Issue: 12 Pages: 1232-

1235 DOI: 10.1080/15435075.2014.895740 Published: 2015

Times Cited in Web of Science Core Collection: 50

Total Times Cited: 50

Document Type: Article

ISSN: 1543-5075 eISSN: 1543-5083

Record 14 of 62

Title: THE INFLUENCE OF THE INTERNATIONAL PRICE OF OIL ON THE VALUE OF THE EUR/USD EXCHANGE RATE

Author(s): Vochozka, M (Vochozka, Marek); Rowland, Z (Rowland, Zuzana); Suler, P (Suler, Petr); Marousek, J (Marousek, Josef)

Source: JOURNAL OF COMPETITIVENESS **Volume: 12 Issue: 2 Pages: 167-**

190 DOI: 10.7441/joc.2020.02.10 Published: JUN 2020

Times Cited in Web of Science Core Collection: 48

Total Times Cited: 48

Document Type: Article

ISSN: 1804-171X eISSN: 1804-1728

Record 15 of 62

Title: Novel method for cultivating beetroot reduces nitrate content

Author(s): Marousek, J (Marousek, Josef); Kolar, L (Kolar, Ladislav); Vochozka, M (Vochozka, Marek); Stehel, V (Stehel, Vojtech); Marouskova, A (Marouskova, Anna)

Source: JOURNAL OF CLEANER PRODUCTION **Volume: 168 Pages: 60-**

62 DOI: 10.1016/j.jclepro.2017.08.233 Published: DEC 1 2017

Times Cited in Web of Science Core Collection: 48

Total Times Cited: 48

Document Type: Article

ISSN: 0959-6526 **eISSN:** 1879-1786

Record 16 of 62

Title: Biotechnological Partition of the Grass Silage to Streamline its Complex Energy Utilization

Author(s): Marousek, J (Marousek, Josef)

Source: INTERNATIONAL JOURNAL OF GREEN ENERGY **Volume:** 11 **Issue:** 9 **Pages:** 962-968 **DOI:** 10.1080/15435075.2013.833930 **Published:** OCT 21 2014

Times Cited in Web of Science Core Collection: 48

Total Times Cited: 49

Document Type: Article

ISSN: 1543-5075 **eISSN:** 1543-5083

Record 17 of 62

Title: Novel technique to enhance the disintegration effect of the pressure waves on oilseeds

Author(s): Marousek, J (Marousek, Josef)

Source: INDUSTRIAL CROPS AND PRODUCTS **Volume:** 53 **Pages:** 1-5 **DOI:** 10.1016/j.indcrop.2013.11.048 **Published:** FEB 2014

Times Cited in Web of Science Core Collection: 48

Total Times Cited: 48

Document Type: Article

ISSN: 0926-6690 **eISSN:** 1872-633X

Record 18 of 62

Title: Techno-economic analysis reveals the untapped potential of wood biochar

Author(s): Marousek, J (Marousek, Josef); Trakal, L (Trakal, Lukas)

Source: CHEMOSPHERE **Volume:** 291 **Article Number:** 133000 **DOI:** 10.1016/j.chemosphere.2021.133000 **Early Access Date:** JAN 2022 **Part:** 1 **Published:** MAR 2022

Times Cited in Web of Science Core Collection: 47

Total Times Cited: 47

Document Type: Article

ISSN: 0045-6535 **eISSN:** 1879-1298

Record 19 of 62

Title: Biochar reduces nitrate level in red beet

Author(s): Marousek, J (Marousek, Josef); Kolar, L (Kolar, Ladislav); Vochozka, M (Vochozka, Marek); Stehel, V (Stehel, Vojtech); Marouskova, A (Marouskova, Anna)

Source: ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH **Volume:** 25 **Issue:** 18 **Pages:** 18200-18203 **DOI:** 10.1007/s11356-018-2329-z **Published:** JUN 2018

Times Cited in Web of Science Core Collection: 45

Total Times Cited: 45

Document Type: Article

ISSN: 0944-1344 **eISSN:** 1614-7499

Record 20 of 62

Title: PRESSURE SHOCKWAVES TO ENHANCE OIL EXTRACTION FROM JATROPHA CURCAS L.

Author(s): Marousek, J (Marousek, Josef); Itoh, S (Itoh, Shigeru); Higa, O (Higa, Osamu); Kondo, Y (Kondo, Yoshikazu); Ueno, M (Ueno, Masami); Suwa, R (Suwa, Ryuichi); Komiya, Y (Komiya, Yasuaki); Tominaga, J (Tominaga, Jun); Kawamitsu, Y (Kawamitsu, Yoshinobu)

Source: BIOTECHNOLOGY & BIOTECHNOLOGICAL

EQUIPMENT **Volume:** 27 **Issue:** 2 **Pages:** 3654-

3658 **DOI:** 10.5504/BBEQ.2012.0143 **Published:** APR 2013

Times Cited in Web of Science Core Collection: 45

Total Times Cited: 45

Document Type: Article

ISSN: 1310-2818 **eISSN:** 1314-3530

Record 21 of 62

Title: The use of underwater high-voltage discharges to improve the efficiency of *Jatropha curcas* L. biodiesel production

Author(s): Marousek, J (Marousek, Josef); Itoh, S (Itoh, Shigeru); Higa, O (Higa, Osamu); Kondo, Y (Kondo, Yoshikazu); Ueno, M (Ueno, Masami); Suwa, R (Suwa, Ryuichi); Komiya, Y (Komiya, Yasuaki); Tominaga, J (Tominaga, Jun); Kawamitsu, Y (Kawamitsu, Yoshinobu)

Source: BIOTECHNOLOGY AND APPLIED

BIOCHEMISTRY **Volume:** 59 **Issue:** 6 **Pages:** 451-

456 **DOI:** 10.1002/bab.1045 **Published:** NOV-DEC 2012

Times Cited in Web of Science Core Collection: 45

Total Times Cited: 45

Document Type: Article

ISSN: 0885-4513 **eISSN:** 1470-8744

Record 22 of 62

Title: METHODS FOR IMPROVING METHANE YIELD FROM RYE STRAW

Author(s): Marousek, J (Marousek, J.); Kawamitsu, Y (Kawamitsu, Y.); Ueno, M (Ueno, M.); Kondo, Y (Kondo, Y.); Kolar, L (Kolar, L.)

Source: APPLIED ENGINEERING IN AGRICULTURE **Volume:** 28 **Issue:** 5 **Pages:** 747-755 **Published:** SEP 2012

Times Cited in Web of Science Core Collection: 45

Total Times Cited: 46

Document Type: Article

ISSN: 0883-8542 **eISSN:** 1943-7838

Record 23 of 62

Title: Processing of residues from biogas plants for energy purposes

Author(s): Marousek, J (Marousek, Josef); Haskova, S (Haskova, Simona); Zeman, R (Zeman, Robert); Vachal, J (Vachal, Jan); Vanickova, R (Vanickova, Radka)

Source: CLEAN TECHNOLOGIES AND ENVIRONMENTAL

POLICY **Volume:** 17 **Issue:** 3 **Pages:** 797-801 **DOI:** 10.1007/s10098-014-0866-

9 **Published:** MAR 2015

Times Cited in Web of Science Core Collection: 44

Total Times Cited: 44

Document Type: Article

ISSN: 1618-954X eISSN: 1618-9558

Record 24 of 62

Title: Economically oriented process optimization in waste management

Author(s): Marousek, J (Marousek, Josef)

Source: ENVIRONMENTAL SCIENCE AND POLLUTION

RESEARCH Volume: 21 Issue: 12 Pages: 7400-7402 DOI: 10.1007/s11356-014-2688-z Published: JUN 2014

Times Cited in Web of Science Core Collection: 44

Total Times Cited: 44

Document Type: Article

ISSN: 0944-1344 eISSN: 1614-7499

Record 25 of 62

Title: Use of pressure manifestations following the water plasma expansion for phytomass disintegration

Author(s): Marousek, J (Marousek, Josef); Kwan, JTH (Kwan, Jason Tai Hong)

Source: WATER SCIENCE AND TECHNOLOGY **Volume: 67 Issue: 8 Pages: 1695-1700 DOI: 10.2166/wst.2013.041 Published: 2013**

Times Cited in Web of Science Core Collection: 44

Total Times Cited: 44

Document Type: Article

ISSN: 0273-1223 eISSN: 1996-9732

Record 26 of 62

Title: Economic Considerations on Nutrient Utilization in Wastewater Management

Author(s): Marousek, J (Marousek, Josef); Marouskova, A (Marouskova, Anna)

Source: ENERGIES **Volume: 14 Issue: 12 Article**

Number: 3468 DOI: 10.3390/en14123468 Published: JUN 2021

Times Cited in Web of Science Core Collection: 43

Total Times Cited: 43

Document Type: Article

eISSN: 1996-1073

Record 27 of 62

Title: Techno-economic assessment of processing the cellulose casings waste

Author(s): Marousek, J (Marousek, Josef); Haskova, S (Haskova, Simona); Zeman, R (Zeman, Robert); Zak, J (Zak, Jaroslav); Vanickova, R (Vanickova, Radka); Marouskova, A (Marouskova, Anna); Vachal, J (Vachal, Jan); Myskova, K (Myskova, Katerina)

Source: CLEAN TECHNOLOGIES AND ENVIRONMENTAL

POLICY Volume: 17 Issue: 8 Pages: 2441-2446 DOI: 10.1007/s10098-015-0941-x Published: DEC 2015

Times Cited in Web of Science Core Collection: 43

Total Times Cited: 43

Document Type: Article

ISSN: 1618-954X **eISSN:** 1618-9558

Record 28 of 62

Title: Techno-economic assessment of collagen casings waste management

Author(s): Marousek, J (Marousek, J.); Marouskova, A (Marouskova, A.); Myskova, K (Myskova, K.); Vachal, J (Vachal, J.); Vochozka, M (Vochozka, M.); Zak, J (Zak, J.)

Source: INTERNATIONAL JOURNAL OF ENVIRONMENTAL SCIENCE AND TECHNOLOGY **Volume:** 12 **Issue:** 10 **Pages:** 3385-3390 **DOI:** 10.1007/s13762-015-0840-z **Published:** OCT 2015

Times Cited in Web of Science Core Collection: 43

Total Times Cited: 43

Document Type: Article

ISSN: 1735-1472 **eISSN:** 1735-2630

Record 29 of 62

Title: Managerial Preferences in Relation to Financial Indicators Regarding the Mitigation of Global Change

Author(s): Marousek, J (Marousek, Josef); Haskova, S (Haskova, Simona); Zeman, R (Zeman, Robert); Vanikcova, R (Vanikcova, Radka)

Source: SCIENCE AND ENGINEERING ETHICS **Volume:** 21 **Issue:** 1 **Pages:** 203-207 **DOI:** 10.1007/s11948-014-9531-2 **Published:** FEB 2015

Times Cited in Web of Science Core Collection: 43

Total Times Cited: 43

Document Type: Article

ISSN: 1353-3452 **eISSN:** 1471-5546

Record 30 of 62

Title: Study on Commercial Scale Steam Explosion of Winter Brassica Napus STRAW

Author(s): Marousek, J (Marousek, Josef)

Source: INTERNATIONAL JOURNAL OF GREEN ENERGY **Volume:** 10 **Issue:** 9 **Pages:** 944-951 **DOI:** 10.1080/15435075.2012.732158 **Published:** OCT 21 2013

Times Cited in Web of Science Core Collection: 43

Total Times Cited: 43

Document Type: Article

ISSN: 1543-5075 **eISSN:** 1543-5083

Record 31 of 62

Title: Prospects in straw disintegration for biogas production

Author(s): Marousek, J (Marousek, Josef)

Source: ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH **Volume:** 20 **Issue:** 10 **Pages:** 7268-7274 **DOI:** 10.1007/s11356-013-1736-4 **Published:** OCT 2013

Times Cited in Web of Science Core Collection: 43

Total Times Cited: 44

Document Type: Article

ISSN: 0944-1344 **eISSN:** 1614-7499

Record 32 of 62

Title: Use of continuous pressure shockwaves apparatus in rapeseed oil processing

Author(s): Marousek, J (Marousek, Josef)

Source: CLEAN TECHNOLOGIES AND ENVIRONMENTAL

POLICY Volume: 15 **Issue:** 4 **Pages:** 721-725 **DOI:** 10.1007/s10098-012-0549-3 **Published:** AUG 2013

Times Cited in Web of Science Core Collection: 43

Total Times Cited: 43

Document Type: Article

ISSN: 1618-954X **eISSN:** 1618-9558

Record 33 of 62

Title: Assessing the implications of EU subsidy policy on renewable energy in Czech Republic

Author(s): Marousek, J (Marousek, Josef); Haskova, S (Haskova, Simona); Zeman, R (Zeman, Robert); Vachal, J (Vachal, Jan); Vanickova, R (Vanickova, Radka)

Source: CLEAN TECHNOLOGIES AND ENVIRONMENTAL

POLICY Volume: 17 **Issue:** 2 **Pages:** 549-554 **DOI:** 10.1007/s10098-014-0800-1 **Published:** FEB 2015

Times Cited in Web of Science Core Collection: 42

Total Times Cited: 43

Document Type: Article

ISSN: 1618-954X **eISSN:** 1618-9558

Record 34 of 62

Title: Financial and Biotechnological Assessment of New Oil Extraction Technology

Author(s): Marousek, J (Marousek, J.); Haskova, S (Haskova, S.); Marouskova, A (Marouskova, A.); Myskova, K (Myskova, K.); Vanickova, R (Vanickova, R.); Vachal, J (Vachal, J.); Vochozka, M (Vochozka, M.); Zeman, R (Zeman, R.); Zak, J (Zak, J.)

Source: ENERGY SOURCES PART A-RECOVERY UTILIZATION AND ENVIRONMENTAL EFFECTS **Volume:** 37 **Issue:** 16 **Pages:** 1723-1728 **DOI:** 10.1080/15567036.2015.1048391 **Published:** 2015

Times Cited in Web of Science Core Collection: 42

Total Times Cited: 43

Document Type: Article

ISSN: 1556-7036 **eISSN:** 1556-7230

Record 35 of 62

Title: Nutrient Management in Processing of Steam-Exploded Lignocellulose Phytomass

Author(s): Marousek, J (Marousek, Josef); Haskova, S (Haskova, Simona); Zeman, R (Zeman, Robert); Vachal, J (Vachal, Jan); Vanickova, R (Vanickova, Radka)

Source: CHEMICAL ENGINEERING & TECHNOLOGY **Volume:** 37 **Issue:** 11 **Special Issue:** SI **Pages:** 1945-1948 **DOI:** 10.1002/ceat.201400341 **Published:** NOV 2014

Times Cited in Web of Science Core Collection: 42

Total Times Cited: 42

Document Type: Article

ISSN: 0930-7516 **eISSN:** 1521-4125

Record 36 of 62

Title: Enzymatic hydrolysis enhanced by pressure shockwaves opening new possibilities in *Jatropha Curcas* L. processing

Author(s): Marousek, J (Marousek, Josef); Itoh, S (Itoh, Shigeru); Higa, O (Higa, Osamu); Kondo, Y (Kondo, Yoshikazu); Ueno, M (Ueno, Masami); Suwa, R (Suwa, Ryuichi); Tominaga, J (Tominaga, Jun); Kawamitsu, Y (Kawamitsu, Yoshinobu)

Source: JOURNAL OF CHEMICAL TECHNOLOGY AND BIOTECHNOLOGY **Volume:** 88 **Issue:** 9 **Pages:** 1650-1653 **DOI:** 10.1002/jctb.4014 **Published:** SEP 2013

Times Cited in Web of Science Core Collection: 42

Total Times Cited: 42

Document Type: Article

ISSN: 0268-2575 **eISSN:** 1097-4660

Record 37 of 62

Title: Pretreatment of sunflower stalks for biogas production

Author(s): Marousek, J (Marousek, Josef)

Source: CLEAN TECHNOLOGIES AND ENVIRONMENTAL POLICY **Volume:** 15 **Issue:** 4 **Pages:** 735-740 **DOI:** 10.1007/s10098-012-0548-4 **Published:** AUG 2013

Times Cited in Web of Science Core Collection: 42

Total Times Cited: 43

Document Type: Article

ISSN: 1618-954X **eISSN:** 1618-9558

Record 38 of 62

Title: Removal of hardly fermentable ballast from the maize silage to accelerate biogas production

Author(s): Marousek, J (Marousek, Josef)

Source: INDUSTRIAL CROPS AND PRODUCTS **Volume:** 44 **Pages:** 253-257 **DOI:** 10.1016/j.indcrop.2012.11.022 **Published:** JAN 2013

Times Cited in Web of Science Core Collection: 42

Total Times Cited: 43

Document Type: Article

ISSN: 0926-6690 **eISSN:** 1872-633X

Record 39 of 62

Title: Finding the optimal parameters for the steam explosion process of hay

Author(s): Marousek, J (Marousek, Josef)

Source: REVISTA TECNICA DE LA FACULTAD DE INGENIERIA UNIVERSIDAD DEL ZULIA **Volume:** 35 **Issue:** 2 **Pages:** 170-178 **Published:** AUG 2012

Times Cited in Web of Science Core Collection: 42

Total Times Cited: 42

Document Type: Article

ISSN: 0254-0770

Record 40 of 62

Title: Recovering phosphorous from biogas fermentation residues indicates promising economic results

Author(s): Marousek, J (Marousek, Josef); Gavurova, B (Gavurova, Beata)

Source: CHEMOSPHERE **Volume:** 291 **Article**

Number: 133008 **DOI:** 10.1016/j.chemosphere.2021.133008 **Early Access Date:** JAN 2022 **Part:** 1 **Published:** MAR 2022

Times Cited in Web of Science Core Collection: 41

Total Times Cited: 41

Document Type: Article

ISSN: 0045-6535 **eISSN:** 1879-1298

Record 41 of 62

Title: Does the life cycle affect earnings management and bankruptcy?

Author(s): Durana, P (Durana, Pavol); Michalkova, L (Michalkova, Lucia); Privara, A (Privara, Andrej); Marousek, J (Marousek, Josef); Tumpach, M (Tumpach, Milos)

Source: OECONOMIA COPERNICANA **Volume:** 12 **Issue:** 2 **Pages:** 425-461 **DOI:** 10.24136/oc.2021.015 **Published:** JUN 2021

Times Cited in Web of Science Core Collection: 41

Total Times Cited: 41

Document Type: Article

ISSN: 2083-1277 **eISSN:** 2353-1827

Record 42 of 62

Title: Commercial-scale utilization of greenhouse residues

Author(s): Marousek, J (Marousek, Josef); Kondo, Y (Kondo, Yoshikazu); Ueno, M (Ueno, Masami); Kawamitsu, Y (Kawamitsu, Yoshinobu)

Source: BIOTECHNOLOGY AND APPLIED BIOCHEMISTRY **Volume:** 60 **Issue:** 2 **Pages:** 253-258 **DOI:** 10.1002/bab.1055 **Published:** MAR-APR 2013

Times Cited in Web of Science Core Collection: 40

Total Times Cited: 41

Document Type: Article

ISSN: 0885-4513 **eISSN:** 1470-8744

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Title: Two-fraction anaerobic fermentation of grass waste

Author(s): Marousek, J (Marousek, Josef)

Source: JOURNAL OF THE SCIENCE OF FOOD AND AGRICULTURE **Volume:** 93 **Issue:** 10 **Pages:** 2410-2414 **DOI:** 10.1002/jsfa.6046 **Published:** AUG 15 2013

Times Cited in Web of Science Core Collection: 39

Total Times Cited: 39

Document Type: Article

ISSN: 0022-5142 eISSN: 1097-0010

Record 44 of 62

Title: New concept of urban green management

Author(s): Marousek, J (Marousek, Josef); Zeman, R (Zeman, Robert); Vanickova, R (Vanickova, Radka); Haskova, S (Haskova, Simona)

Source: CLEAN TECHNOLOGIES AND ENVIRONMENTAL

POLICY **Volume:** 16 **Issue:** 8 **Special Issue:** SI **Pages:** 1835-1838 **DOI:** 10.1007/s10098-014-0736-5 **Published:** DEC 2014

Times Cited in Web of Science Core Collection: 38

Total Times Cited: 38

Document Type: Article

ISSN: 1618-954X **eISSN:** 1618-9558

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Title: Shower cooler reduces pollutants release in production of competitive cement substitute at low cost

Author(s): Marousek, J (Marousek, Josef); Marouskova, A (Marouskova, Anna); Kus, T (Kus, Tomas)

Source: ENERGY SOURCES PART A-RECOVERY UTILIZATION AND ENVIRONMENTAL EFFECTS **DOI:** 10.1080/15567036.2020.1825560 **Early Access Date:** SEP 2020

Times Cited in Web of Science Core Collection: 34

Total Times Cited: 34

Document Type: Article; Early Access

ISSN: 1556-7036 **eISSN:** 1556-7230

Record 46 of 62

Title: Techno-economic review on short-term anthropogenic emissions of air pollutants and particulate matter

Author(s): Sekar, M (Sekar, Manigandan); Kumar, TRP (Kumar, T. R. Praveen); Kumar, MSG (Kumar, M. Selva Ganesh); Vanickova, R (Vanickova, Radka); Marousek, J (Marousek, Josef)

Source: FUEL **Volume:** 305 **Article Number:** 121544 **DOI:** 10.1016/j.fuel.2021.121544 **Early Access Date:** AUG 2021 **Published:** DEC 1 2021

Times Cited in Web of Science Core Collection: 30

Total Times Cited: 30

Document Type: Review

ISSN: 0016-2361 **eISSN:** 1873-7153

Record 47 of 62

Title: Economic impacts of soil fertility degradation by traces of iron from drinking water treatment

Author(s): Marousek, J (Marousek, Josef); Marouskova, A (Marouskova, Anna); Zoubek, T (Zoubek, Tomas); Bartos, P (Bartos, Petr)

Source: ENVIRONMENT DEVELOPMENT AND

SUSTAINABILITY **Volume:** 24 **Issue:** 4 **Pages:** 4835-4844 **DOI:** 10.1007/s10668-021-01636-1 **Early Access Date:** JUL 2021 **Published:** APR 2022

Times Cited in Web of Science Core Collection: 29

Total Times Cited: 29

Document Type: Article

ISSN: 1387-585X **eISSN:** 1573-2975

Record 48 of 62

Title: DO SIZE AND AGE OF SMALL AND MEDIUM-SIZED ENTERPRISES MATTER IN CORPORATE SOCIAL RESPONSIBILITY?

Author(s): Cera, G (Cera, Gentjan); Belas, J (Belas, Jaroslav); Marousek, J (Marousek, Josef); Cera, E (Cera, Edmond)

Source: ECONOMICS & SOCIOLOGY **Volume:** 13 **Issue:** 2 **Pages:** 86-99 **DOI:** 10.14254/2071-789X.2020/13-2/6 **Published:** 2020

Times Cited in Web of Science Core Collection: 18

Total Times Cited: 18

Document Type: Article

ISSN: 2071-789X **eISSN:** 2306-3459

Record 49 of 62

Title: Silica Nanoparticles from Coir Pith Synthesized by Acidic Sol-Gel Method Improve Germination Economics

Author(s): Marousek, J (Marousek, Josef); Marouskova, A (Marouskova, Anna); Periakaruppan, R (Periakaruppan, Rajiv); Gokul, GM (Gokul, G. M.); Anbukumaran, A (Anbukumaran, Ananthan); Bohata, A (Bohata, Andrea); Kriz, P (Kriz, Pavel); Barta, J (Barta, Jan); Cerny, P (Cerny, Pavel); Olsan, P (Olsan, Pavel)

Source: POLYMERS **Volume:** 14 **Issue:** 2 **Article Number:** 266 **DOI:** 10.3390/polym14020266 **Published:** JAN 2022

Times Cited in Web of Science Core Collection: 15

Total Times Cited: 15

Document Type: Article

eISSN: 2073-4360

Record 50 of 62

Title: The Perception of the Market and Operational Area of Business by Service Sector and Tourism Companies in terms of CSR implementation

Author(s): Metzker, Z (Metzker, Zdenko); Marousek, J (Marousek, Josef); Hlawiczka, R (Hlawiczka, Roman); Belas, J (Belas, Jaroslav, Jr.); Khan, KA (Khan, Khurram Ajaz)

Source: JOURNAL OF TOURISM AND SERVICES **Volume:** 12 **Issue:** 23 **Pages:** 217-236 **DOI:** 10.29036/jots.v12i23.328 **Published:** 2021

Times Cited in Web of Science Core Collection: 14

Total Times Cited: 14

Document Type: Article

ISSN: 1804-5650

Record 51 of 62

Title: Revisiting competitiveness of hydrogen and algae biodiesel

Author(s): Marousek, J (Marousek, Josef); Strunecky, O (Strunecky, Otakar); Bartos, V (Bartos, Vojtech); Vochozka, M (Vochozka, Marek)

Source: FUEL **Volume:** 328 **Article Number:** 125317 **DOI:** 10.1016/j.fuel.2022.125317 **Early Access Date:** JUL 2022 **Published:** NOV 15 2022

Times Cited in Web of Science Core Collection: 8

Total Times Cited: 8

Document Type: Article

ISSN: 0016-2361 eISSN: 1873-7153

Record 52 of 62

Title: Influence of selected maize cultivation technologies on changes in the labile fraction of soil organic matter sandy-loam cambisol soil structure

Author(s): Kopecky, M (Kopecky, Marek); Peterka, J (Peterka, Jiri); Kolar, L (Kolar, Ladislav); Konvalina, P (Konvalina, Petr); Marousek, J (Marousek, Josef); Vachalova, R (Vachalova, Radka); Herout, M (Herout, Marcel); Strunecky, O (Strunecky, Otakar); Batt, J (Batt, Jana); Tran, DK (Tran, Dang Khoa)

Source: SOIL & TILLAGE RESEARCH **Volume:** 207 **Article**

Number: 104865 **DOI:** 10.1016/j.still.2020.104865 **Published:** MAR 2021

Times Cited in Web of Science Core Collection: 8

Total Times Cited: 10

Document Type: Article

ISSN: 0167-1987 eISSN: 1879-3444

Record 53 of 62

Title: Machine learning based predictive modelling of micro gas turbine engine fuelled with microalgae blends on using LSTM networks: An experimental approach

Author(s): Liu, YC (Liu, Yuchen); Meenakshi, V (Meenakshi, V); Karthikeyan, L (Karthikeyan, L.); Marousek, J (Marousek, Josef); Krishnamoorthy, NR (Krishnamoorthy, N. R.); Sekar, M (Sekar, Manigandan); Nasif, O (Nasif, Oaima); Alharbi, SA (Alharbi, Sulaiman Ali); Wu, YJ (Wu, Yingji); Xia, CL (Xia, Changlei)

Source: FUEL **Volume:** 322 **Article Number:** 124183 **DOI:** 10.1016/j.fuel.2022.124183 **Early**

Access Date: APR 2022 **Published:** AUG 15 2022

Times Cited in Web of Science Core Collection: 7

Total Times Cited: 7

Document Type: Article

ISSN: 0016-2361 eISSN: 1873-7153

Record 54 of 62

Title: Review: Nanoparticles can change (bio)hydrogen competitiveness

Author(s): Marousek, J (Marousek, Josef)

Source: FUEL **Volume:** 328 **Article Number:** 125318 **DOI:** 10.1016/j.fuel.2022.125318 **Early**

Access Date: JUL 2022 **Published:** NOV 15 2022

Times Cited in Web of Science Core Collection: 5

Total Times Cited: 5

Document Type: Review

ISSN: 0016-2361 eISSN: 1873-7153

Record 55 of 62

Title: Perceptions of the importance of business ethics in SMEs: A comparative study of Czech and Slovak entrepreneurs

Author(s): Belas, J (Belas, Jaroslav); Khan, KA (Khan, Khuramm Ajaz); Marousek, J (Marousek, Josef); Rozsa, Z (Rozsa, Zoltan)

Source: ETHICS & BIOETHICS **Volume:** 10 **Issue:** 1-2 **Pages:** 96-106 **DOI:** 10.2478/ebce-2020-0010 **Published:** JUN 1 2020

Times Cited in Web of Science Core Collection: 5

Total Times Cited: 5

Document Type: Article

ISSN: 1338-5615 **eISSN:** 2453-7829

Record 56 of 62

Title: Role of injection pressure on fuel atomization and spray penetration on the Thevetia peruviana and Jatropha curcas biodiesel blends with nanoparticle

Author(s): Wang, X (Wang, Xuan); Zhang, YL (Zhang, Yaoli); Karthikeyan, C (Karthikeyan, C.); Boomadevi, P (Boomadevi, P.); Marousek, J (Marousek, Josef); Nasif, O (Nasif, Omaima); Alharbi, SA (Alharbi, Sulaiman Ali); Xia, CL (Xia, Changlei)

Source: FUEL **Volume:** 324 **Article Number:** 124527 **DOI:** 10.1016/j.fuel.2022.124527 **Early Access Date:** MAY 2022 **Part:** B **Published:** SEP 15 2022

Times Cited in Web of Science Core Collection: 4

Total Times Cited: 4

Document Type: Article

ISSN: 0016-2361 **eISSN:** 1873-7153

Record 57 of 62

Title: Prediction of the fuel spray characteristics in the combustion chamber with methane and TiO₂ nanoparticles via numerical modelling

Author(s): Shao, DW (Shao, Dongwei); Al Obaid, S (Al Obaid, Sami); Alharbi, SA (Alharbi, Sulaiman Ali); Marousek, J (Marousek, Josef); Sekar, M (Sekar, Manigandan); Gunasekar, P (Gunasekar, P.); Chi, NTL (Chi, Nguyen Thuy Lan); Brindhadevi, K (Brindhadevi, Kathirvel); Wang, JF (Wang, Junfa); Jiang, DH (Jiang, Donghua)

Source: FUEL **Volume:** 326 **Article Number:** 124820 **DOI:** 10.1016/j.fuel.2022.124820 **Published:** OCT 15 2022

Times Cited in Web of Science Core Collection: 3

Total Times Cited: 3

Document Type: Article

ISSN: 0016-2361 **eISSN:** 1873-7153

Record 58 of 62

Title: NITRATES IN BEETROOT AND SODIUM FERTILIZATION

Author(s): Vachalova, R (Vachalova, Radka); Marousek, J (Marousek, Josef); Kolar, L (Kolar, Ladislav); Peterka, J (Peterka, Jiri); Kopecky, M (Kopecky, Marek); Havelka, Z (Havelka, Zbynek); Partlova, P (Partlova, Petra); Vachal, J (Vachal, Jan)

Source: LISTY CUKROVARNICKE A REPARSKE **Volume:** 133 **Issue:** 12 **Pages:** 386-388 **Published:** DEC 2017

Times Cited in Web of Science Core Collection: 2

Total Times Cited: 2

Document Type: Article

ISSN: 1210-3306

Record 59 of 62

Title: Aluminum nanoparticles from liquid packaging board improve the competitiveness of (bio)diesel

Author(s): Marousek, J (Marousek, Josef)

Source: CLEAN TECHNOLOGIES AND ENVIRONMENTAL POLICY **DOI:** 10.1007/s10098-022-02413-y **Early Access Date:** OCT 2022

Times Cited in Web of Science Core Collection: 1

Total Times Cited: 1

Document Type: Article; Early Access

ISSN: 1618-954X **eISSN:** 1618-9558

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Title: Trade-off characteristic between soot and oxides of nitrogen emission with pre-injected diesel and biodiesel in a SICI-CIDI engine

Author(s): Prabhahar, M (Prabhahar, M.); Alharbi, SA (Alharbi, Sulaiman Ali); Almoallim, HS (Almoallim, Hesham S.); Prakash, S (Prakash, S.); Kumar, MS (Kumar, M. Saravana); Surendrababu, K (Surendrababu, K.); Sendilvelan, S (Sendilvelan, S.); Bhaskar, K (Bhaskar, K.); Marousek, J (Marousek, Josef); Anderson, A (Anderson, A.)

Source: FUEL **Volume:** 331 **Article**

Number: 125624 **DOI:** 10.1016/j.fuel.2022.125624 **Part:** 1 **Published:** JAN 1 2023

Times Cited in Web of Science Core Collection: 0

Total Times Cited: 0

Document Type: Article

ISSN: 0016-2361 **eISSN:** 1873-7153

Record 61 of 62

Title: Insect rearing on biowaste represents a competitive advantage for fish farming

Author(s): Marousek, J (Marousek, Josef); Strunecky, O (Strunecky, Otakar); Marouskova, A (Marouskova, Anna)

Source: REVIEWS IN AQUACULTURE **DOI:** 10.1111/raq.12772 **Early Access Date:** NOV 2022

Times Cited in Web of Science Core Collection: 0

Total Times Cited: 0

Document Type: Review; Early Access

ISSN: 1753-5123 **eISSN:** 1753-5131

Record 62 of 62

Title: ENERGY AND ENVIRONMENT - THE PATH OF COEXISTENCE FOR THE CSFR

Author(s): MAROUSEK, J (MAROUSEK, J)

Book Group Author(s): INT ENERGY AGCY; INT ENERGY AGCY; INT ENERGY AGCY

Source: CONFERENCE ON ENERGY AND ENVIRONMENT IN EUROPEAN ECONOMIES IN TRANSITION: PRIORITIES AND OPPORTUNITIES FOR CO-OPERATION AND INTEGRATION **Pages:** 99-122 **Published:** 1992

Times Cited in Web of Science Core Collection: 0

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Document Type: Proceedings Paper

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(2022) *2022 7th International Conference on Smart and Sustainable Technologies, SpliTech 2022*

DOI: 10.23919/SpliTech55088.2022.9854337

PUBLISHER: Institute of Electrical and Electronics Engineers Inc.

DOCUMENT TYPE: Conference Paper

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PUBLISHER: Centre of Sociological Research

DOCUMENT TYPE: Article

OPEN ACCESS: All Open Access, Gold, Green

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PUBLISHER: Elsevier

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PUBLISHER: Nova Science Publishers, Inc.

DOCUMENT TYPE: Book Chapter

SOURCE: Scopus

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Dekan FBERG, TUKE