

[Skip to main content](#)

Advertisement

 Springer Link

Search

- [Log in](#)

You're seeing our new journal sites and we'd like your opinion, please [send feedback](#)



[Journal of Material Cycles and Waste Management](#)

Official Journal of the Japan Society of Material Cycles and Waste Management (JSMCWM) and the Korea Society of Waste Management (KSWM)

- [Journal home](#) >
- [Volumes and issues](#) >
- Volume 19, issue 3

Search within journal

Search



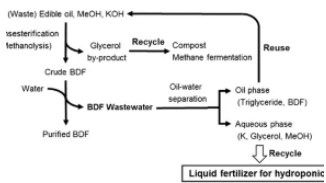
Volume 19, issue 3, July 2017

33 articles in this issue

1. [Recycling of biodiesel fuel wastewater for use as a liquid fertilizer for hydroponics](#)

Authors (first, second and last of 5)

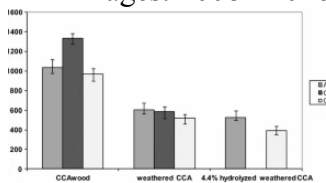
- Jiro Kohda
- Yasuhisa Nakano
- Takuo Yano
- Content type: SPECIAL FEATURE: ORIGINAL ARTICLE
- Published: 23 September 2016
- Pages: 999 - 1007



2. [Conversion of CCA-treated wood to ethanol: a method to reduce leaching of metals from disposed treated wood prior to disposal](#)

Authors

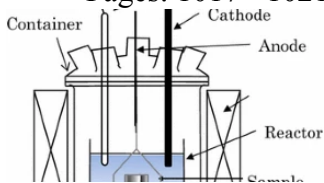
- Azita H. Moghaddam
- Catherine N. Mulligan
- Content type: SPECIAL FEATURE: ORIGINAL ARTICLE
- Published: 17 November 2016
- Pages: 1008 - 1016



3. [Recovery of rare-earth elements from neodymium magnets using molten salt electrolysis](#)

Authors (first, second and last of 4)

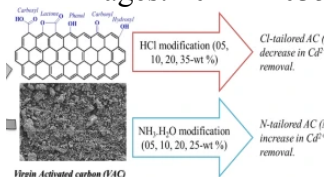
- Y. Kamimoto
- T. Itoh
- R. Ichino
- Content type: SPECIAL FEATURE: ORIGINAL ARTICLE
- Published: 01 December 2016
- Pages: 1017 - 1021



4. [Effects of functionality and textural characteristics on the removal of Cd\(II\) by ammoniated and chlorinated nanoporous activated carbon](#)

Authors

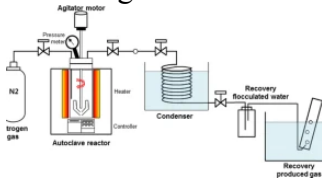
- Tran Dinh Minh
- Byeong-Kyu Lee
- Content type: SPECIAL FEATURE: ORIGINAL ARTICLE
- Published: 20 December 2016
- Pages: 1022 - 1035



5. [Characterizations of biochar from hydrothermal carbonization of exhausted coffee residue](#)

Authors (first, second and last of 4)

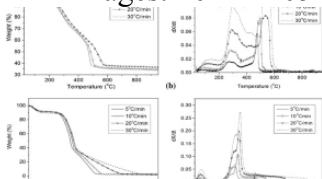
- Daegi Kim
- Kwanyong Lee
- Ki Young Park
- Content type: SPECIAL FEATURE: ORIGINAL ARTICLE
- Published: 18 December 2016
- Pages: 1036 - 1043



6. [Characterization of dried sewage sludge for co-firing in coal power plant by using thermal gravimetric analysis](#)

Authors

- Hyuk Im
- Cheol Gyu Kim
- Content type: SPECIAL FEATURE: ORIGINAL ARTICLE
- Published: 25 January 2017
- Pages: 1044 - 1051



7. [Psychological driving forces behind households' behaviors toward municipal organic waste separation at source in Vietnam: a structural equation modeling approach](#)

Authors (first, second and last of 4)

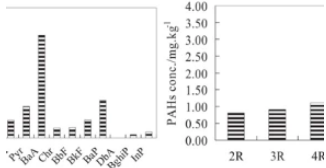
- Le Thi Thanh Loan
- Hisako Nomura
- Mitsuyasu Yabe
- Content type: SPECIAL FEATURE: ORIGINAL ARTICLE
- Published: 20 February 2017
- Pages: 1052 - 1060



8. [Simultaneous removal of SO₂ and PAHs by adding calcium-based additives during sewage sludge incineration in a fluidized bed incinerator](#)

Authors (first, second and last of 6)

- Lin-Bo Qin
- Jun Han
- Hong Yao
- Content type: SPECIAL FEATURE: ORIGINAL ARTICLE
- Published: 22 February 2017
- Pages: 1061 - 1068



9. [Survey on readability of online information for upgrading understandability of biomass energy technology](#)

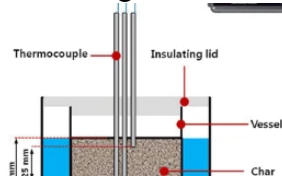
Authors (first, second and last of 6)

- Muhammad Kunta Biddinika
- Ahmad Muhammad Diponegoro
- Fumitake Takahashi
- Content type: SPECIAL FEATURE: ORIGINAL ARTICLE
- Published: 23 February 2017
- Pages: 1069 - 1076

10. [Numerical study of heat transfer characteristics of char from waste tire pyrolysis](#)

Authors

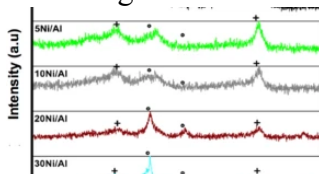
- Hoon Chae Park
- Hang Seok Choi
- Yeon-Ho Kwak
- Content type: SPECIAL FEATURE: ORIGINAL ARTICLE
- Published: 15 March 2017
- Pages: 1077 - 1084



11. [Recycling nickel from spent catalyst of Phu My fertilizer plant as a precursor for exhaust gas treatment catalysts preparation](#)

Authors (first, second and last of 6)

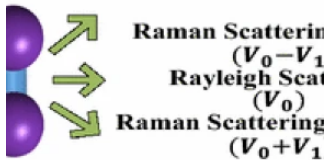
- Nguyen Le-Phuc
- Thuy Ngoc Luong
- Sura Nguyen
- Content type: SPECIAL FEATURE: ORIGINAL ARTICLE
- Published: 05 April 2017
- Pages: 1085 - 1092



12. [Identification of black plastics realized with the aid of Raman spectroscopy and fuzzy radial basis function neural networks classifier](#)

Authors (first, second and last of 4)

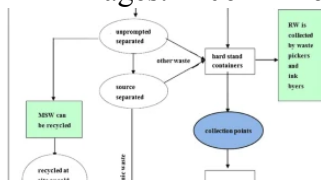
- Seok-Beom Roh
- Sung-Kwun Oh
- Woo Zin Choi
- Content type: SPECIAL FEATURE: ORIGINAL ARTICLE
- Published: 02 May 2017
- Pages: 1093 - 1105



13. [Current and future solid waste management system in Northern Viet Nam with focus on Ha Noi: climate change effects and landfill management](#)

Authors (first, second and last of 5)

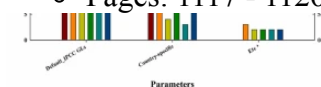
- Petra Schneider
- Anja Lämmel
- Le Hung Anh
- Content type: SPECIAL FEATURE: REGIONAL CASE STUDY
- Published: 03 October 2016
- Pages: 1106 - 1116



14. [The application and development of country-specific parameters for accurate estimations of methane emissions from solid-waste disposal sites](#)

Authors (first, second and last of 5)

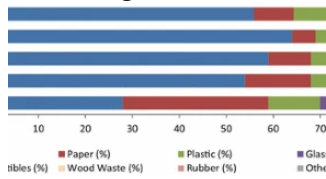
- Eunhwa Choi
- Eunseop Shin
- Seung-Muk Yi
- Content type: REVIEW
- Published: 18 May 2016
- Pages: 1117 - 1126



15. [Municipal solid waste management in China: a comparative analysis](#)

Authors (first, second and last of 4)

- Md Manik Mian
- Xiaolan Zeng
- Sulala M. Z. F. Al-Hamadani
- Content type: REVIEW
- Published: 13 May 2016
- Pages: 1127 - 1135

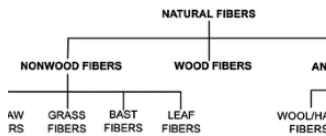


16. [Raw material potential of recyclable materials for fiber composites: a review study](#)

Authors

- Anna Keskisaari
- Timo Kärki
- Content type: REVIEW
- Published: 17 May 2016
- Pages: 1136 - 1143

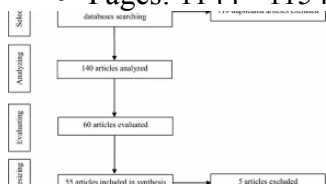
CLASSIFICATION OF FIBERS



17. [Developing strategies for managing construction and demolition wastes in Malaysia based on the concept of circular economy](#)

Authors

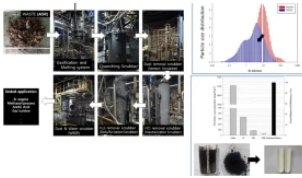
- Mohd Reza Esa
- Anthony Halog
- Lucia Rigamonti
- Content type: REVIEW
- Published: 01 June 2016
- Pages: 1144 - 1154



18. [A study on the characteristics of particulate matter in the syngas produced from the waste gasification with cleaning systems for energy utilization](#)

Authors (first, second and last of 7)

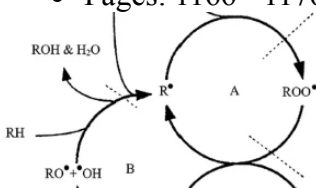
- Jaehong Min
- Sung-Bang Nam
- Jae-Hoi Gu
- Content type: ORIGINAL ARTICLE
- Published: 22 April 2016
- Pages: 1155 - 1165



19. [The effects of using reprocessable material on the durability and mechanical properties of landfill leachate collection HDPE pipes](#)

Authors

- Mohammad Beheshtian Ardakani
- Taghi Ebadi
- S. Majdeddin Mir Mohammad Hosseini
- Content type: ORIGINAL ARTICLE
- Published: 25 April 2016
- Pages: 1166 - 1176



20. [Application of system dynamics modeling for evaluation of different recycling scenarios in Singapore](#)

Authors (first, second and last of 5)

- Apostolos Giannis
- Miaoju Chen
- Andrei Veksha
- Content type: ORIGINAL ARTICLE
- Published: 27 April 2016
- Pages: 1177 - 1185



21. [Study on a novel pneumatic stratified vibration sorting method of waste plastic films](#)

Authors (first, second and last of 4)

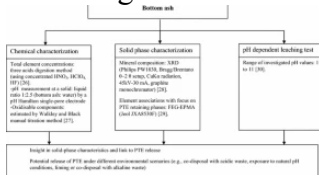
- Xianhai Yang
- Xiang Cheng
- Xia Liu
- Content type: ORIGINAL ARTICLE
- Published: 27 April 2016
- Pages: 1186 - 1193



22. [Potentially toxic elements in bottom ash from hazardous waste incinerators: an integrated approach to assess the potential release in relation to solid-phase characteristics](#)

Authors (first, second and last of 6)

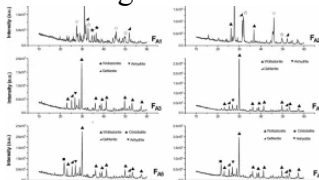
- Tran Thi Thu Dung
- Elvira Vassilieva
- Valérie Cappuyns
- Content type: ORIGINAL ARTICLE
- Published: 04 May 2016
- Pages: 1194 - 1203



23. [Crystalline phase evolution behavior and physicochemical properties of glass-ceramics from municipal solid waste incineration fly ash](#)

Authors (first, second and last of 6)

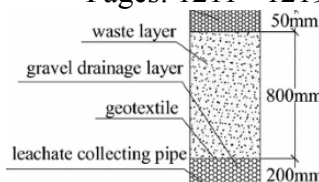
- Jingde Luan
- Meiyun Chai
- Shaobai Li
- Content type: ORIGINAL ARTICLE
- Published: 28 April 2016
- Pages: 1204 - 1210



24. [The impact on the effects of leachate concentrates recirculation for different fill age waste](#)

Authors (first, second and last of 4)

- Dongmei Wang
- Dan Liu
- Zhi Li
- Content type: ORIGINAL ARTICLE
- Published: 13 May 2016
- Pages: 1211 - 1219



25. [Rockwool waste in fly ash geopolymer composites](#)

Authors (first, second and last of 4)

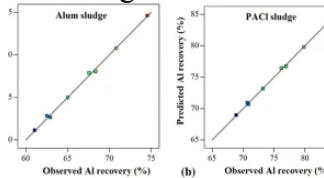
- Paivo Kinnunen
- Juho Yliniemi
- Mirja Illikainen
- Content type: ORIGINAL ARTICLE
- Published: 27 May 2016
- Pages: 1220 - 1227



26. [Influence of sludge characteristics on coagulant recovery from water treatment sludge: a preliminary study](#)

Authors

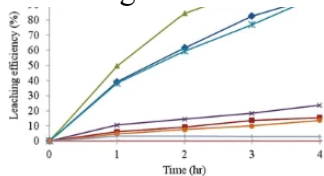
- Abhilash T. Nair
- M. Mansoor Ahammed
- Content type: ORIGINAL ARTICLE
- Published: 25 May 2016
- Pages: 1228 - 1234



27. [Integrated process development for the recovery of Europium and Yttrium from waste fluorescent powder](#)

Authors (first, second and last of 4)

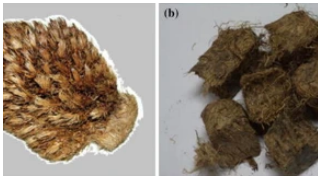
- Ching-Hwa Lee
- Ching-Hua Liao
- Chi-En Hung
- Content type: ORIGINAL ARTICLE
- Published: 01 June 2016
- Pages: 1235 - 1243



28. [Medium-scale gasification of oil palm empty fruit bunch for power generation](#)

Authors (first, second and last of 4)

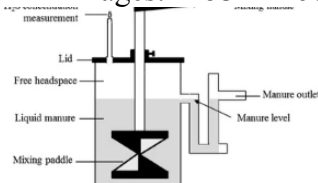
- Muhammad Afif Ariffin
- Wan Mohd Faizal Wan Mahmood
- Ramizi Mohamed
- Content type: ORIGINAL ARTICLE
- Published: 01 June 2016
- Pages: 1244 - 1252



29. [The seasonal effects of manure management and feeding strategies on hydrogen sulphide emissions from stored dairy manure](#)

Authors (first, second and last of 8)

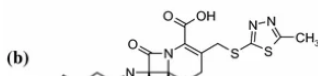
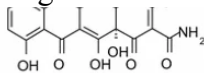
- Fetra J. Andriamanohiarisoamanana
- Yushi Sakamoto
- Kazutaka Umetsu
- Content type: ORIGINAL ARTICLE
- Published: 08 June 2016
- Pages: 1253 - 1260



30. [Antibiotic removal from waste milk by electrochemical process: degradation characteristics in concentrated organic solution](#)

Authors (first, second and last of 4)

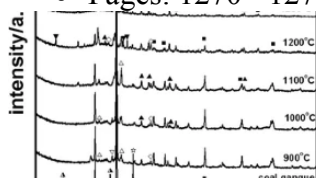
- Yumika Kitazono
- Ikko Ihara
- Kazutaka Umetsu
- Content type: ORIGINAL ARTICLE
- Published: 02 June 2016
- Pages: 1261 - 1269



31. [Utilization of coal gangue for the production of brick](#)

Authors (first, second and last of 8)

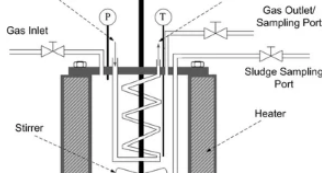
- Hongliang Xu
- Wenjuan Song
- Rui Zhang
- Content type: ORIGINAL ARTICLE
- Published: 08 June 2016
- Pages: 1270 - 1278



32. [Effect of inorganic coagulant addition under hydrothermal treatment on the dewatering performance of excess sludge with various dewatering conditions](#)

Authors (first, second and last of 6)

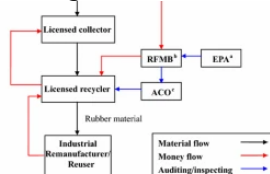
- Mi Yan
- Bayu Prabowo
- Yanjun Hu
- Content type: ORIGINAL ARTICLE
- Published: 07 June 2016
- Pages: 1279 - 1287



33. [Status of waste tires' recycling for material and energy resources in Taiwan](#)

Authors (first, second and last of 6)

- Wen-Tien Tsai
- Chien-Cheng Chen
- Ming-Hsien Hsieh
- Content type: REGIONAL CASE STUDY
- Published: 19 April 2016
- Pages: 1288 - 1294



For authors

[Submission guidelines](#) [Ethics & disclosures](#) [Fees and funding](#) [Contact the journal](#) [Submit manuscript](#)

Explore

[Online first articles](#) [Volumes and issues](#) [Sign up for alerts](#)

Advertisement

Over 10 million scientific documents at your fingertips

Switch Edition

- [Academic Edition](#)
- [Corporate Edition](#)

- [Home](#)
- [Impressum](#)
- [Legal information](#)
- [Privacy statement](#)
- [California Privacy Statement](#)
- [How we use cookies](#)
- [Manage cookies/Do not sell my data](#)
- [Accessibility](#)
- [Contact us](#)

Not logged in - 103.19.181.1

Not affiliated

[Springer Nature](#) **SPRINGER NATURE**

© 2021 Springer Nature Switzerland AG. Part of [Springer Nature](#).

