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P. Szabadalmak

B. Könyv, könyvfejezet

J. Nemzetközi rangos folyóiratcikkek

- J1. Thomas, LH; Blagden, N; Gutmann, MJ; Kállay, AA; Parkin, A; Seaton, CC; Wilson, CC: Tuning proton behavior in a ternary molecular complex, **Crystal Growth & Design** 10 : 6 pp. 2770-2774. , 5 p. (2010)
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- J1-c10. Seaton, CC; Blagden, N; Munshi, T; Scowen, IJ: Creation of ternary multicomponent crystals by exploitation of charge-transfer interactions, **Chemistry - A European Journal** 19, pp. 10663-10671. (2013)
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- J1-c12. Seaton, CC; Munshi, T; Williams, SE; Scowen, IJ: Multi-component crystals of 4-phenylpyridine: Challenging the boundaries between co-crystal and organic salt formation with insight into solid-state proton transfer, **CrystEngComm** 15, pp. 5250-5260. (2013)
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- J7-c3. Saunders, Lucy K.; Nowell, Harriott; Spencer, Helen C. E.; Hatcher, Lauren E.; Shepherd, Helena J.; Thomas, Lynne H.; Jones, Charlotte L.; Teat, Simon J.; Raithby, Paul R.; Wilson, Chick C.: Tuning charge-assisted and weak hydrogen bonds in molecular complexes of the proton sponge DMAN by acid co-former substitution, **Crystengcomm** 20:22, pp. 3074-3083. (2018)
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OJ. Folyóiratcikkek

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P. Nemzetközi konferencia kiadványban publikált cikkek

- P1. Mai, Duc Thuan; Kállay, András: Heat transfer modeling using waste rubber as starting material in fluidized bed chamber, *Proceedings of the 9th European Combustion Meeting 2019, Paper: PAPER S1_AIII_39*
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- P3. Emese, Sebe; Gábor, Nagy; András, Arnold Kállay: Laboratory Scale Pyrolysis of Organic Fraction and RDF from Municipal Solid Waste, *Proceedings of the 9th European Combustion Meeting 2019, Paper: Paper_S1_AIII_44*
- P4. András, Arnold Kállay; Vivien, Vincze; Gábor, Nagy: Experimental two stage gasification of Hungarian brown coal for increased H₂ and CO ratio in the produced synthesis gas, *Proceedings of the 9th European Combustion Meeting 2019, Paper: Paper_S1_AIII_41*

OP. Egyéb konferencia kiadványban publikált cikkek

- OP1. Nagy, Gábor; Kállay, András Arnold: Laboratóriumi pirolizáló/elgázosító rendszer megvalósításának gyakorlati nehézségei, *XIV. Kárpát-medencei Környezettudományi Konferencia, Gödöllő, Magyarország : MAG Mezőgazdaságért Alapítvány, (2018) pp. 207-213.*
- OP2. Kállay, András Arnold; Kalmár, István; Nagy, Gábor; Szemmelveisz, Tamásné; Palotás, Árpád Bence: A szénelgázosítás és a direkt hidrogénezési eljárások technológiai áttekintése, *A hazai szénvagyon és hasznosítási lehetőségei, Budapest, Magyarország : Magyar Bányászati és Földtani Szolgálat, (2018) pp. 189-217. , 28 p.*
- OP3. Gábor, Nagy; Alexandra, Takács; András, Arnold Kállay: The Development of Low-Cost Biogas Reactor, *Book of Abstracts - International Conference on Science, Technology, Engineering and Economy (ICOSTEE 2018), Szeged, Magyarország : Szegedi Tudományegyetem Mérnöki Kar, (2018) pp. 67-67.*

C. Nemzetközi konferencia előadások

- OC1. András, A. Kállay; Zsolt, Dobó; Béla, Huszti; Gábor, Temesvári; Árpád, Bence Palotás; Zoltán, Köntös: New and efficient utilisation of Hungarian low rank coal, *Clean Coal Technology Conference, 2015, Krakow, Poland*

- OC2. Mai, Thuan Duc; Kállay, András: Heat transfer modeling using waste rubber as starting material in fluidized bed chamber (Poszter), *9th European Combustion Meeting, Lisboa, Portugal, 2019. április 14-17.*
- OC3. Gábor, Nagy; Alexandra, Takács; András, Arnold Kállay: The Energy Aspects of Biogas Production from Sheep Manure (Poszter), *9th European Combustion Meeting, Lisszabon, 2019. április 14-17.*
- OC4. Emese, Sebe; Gábor, Nagy; András, Arnold Kállay: Laboratory Scale Pyrolysis of Organic Fraction and RDF from Municipal Solid Waste (Poszter), *9th European Combustion Meeting, Lisszabon, 2019. április 14-17.*
- OC5. András, Arnold Kállay; Vivien, Vincze; Gábor, Nagy: Experimental two stage gasification of Hungarian brown coal for increased H₂ and CO ratio in the produced synthesis gas (Poszter), *9th European Combustion Meeting, Lisszabon, 2019. április 14-17.*

OC. Egyéb konferencia előadások

- OC6. Sebe, Emese; Nagy, Gábor; Kállay, András Arnold: Kommunális hulladékból származó biofrakció és RDF pirolízisének vizsgálata laboratóriumi körülmények között (Poszter), *4. MÉB Égéstudományi Konferencia, Miskolc, 2018. november 11.*
- OC7. Nagy, Gábor; Kállay, András Arnold: Laboratóriumi pirolizáló/elgázosító rendszer megvalósításának gyakorlati nehézségei (Poszter), *XIV. Kárpát-medencei Környezettudományi Konferencia, Gödöllő, 2018. április 5-7.*
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- OC9. Mentés, D.; Póliska, Cs.; Kovács, H.; Sebe, E.; Kállay, A.: RDF és biofrakcióval kevert RDF pelletek tüzeléstechnikai tulajdonságainak vizsgálata (poszter), *4. MÉB Égéstudományi Konferencia, Miskolc, Magyarország 2018.*
- OC10. Kállay, András Arnold; Szemmelveisz, Tamásné; Woperáné, Serédi Ágnes ; Nagy, Gábor: Tisztaszén-technológiák, szénelgázosítási kísérletek, *4. MÉB Égéstudományi Konferencia, Miskolc, 2018. november 11.*
- OC11. Kállay, András Arnold; Szemmelveisz, Hodvogner Katalin; Woperáné, Serédi Ágnes; Nagy, Gábor: Clean coal technologies, carbon gasification experiments, *Miskolc, Miskolci Egyetem, időpontja: 2018. november 19-21.*