

LISTA DE LUCRĂRI**Articole publicate în reviste cotate ISI**

1. **Doukeh, R.**, Bombos, M., Trifoi, A., Mihai, O., Popovici, D., Bolocan, I., Bombos, D., Kinetics of thiophene hydrodesulfurization over a supported MoCoNi catalyst, *Comptes Rendus Chimie*, Volume 21, Issue 3-4, March 2018, Pages 277-287 (ISSN: 1631-0748), **factor de impact 2,366**.
2. **Doukeh, R.**, Juganaru, T., Bolocan, I., Hydrodesulfurization of dibenzothiophene on a CoNiMo catalyst, *Revista de Chimie*, Volume 70, Issue 9, 2019, Pages 3132-3135 (ISSN 0034-7752), **factor de impact 1,605**.
3. **Doukeh, R.**, Bombos, M., Bolocan, I., Comparative study between two reaction kinetic mechanisms of thiophene hydrodesulphurization over CoMo/ γ -Al₂O₃ supported catalyst, *Revista de Chimie*, Volume 70, Issue 7, 2019, Pages 2481-2484 (ISSN 0034-7752), **factor de impact 1,605**.
4. **Doukeh, R.**, Bombos, M., Popovici, D., Pasare, M., Bolocan, I., Effect of support on the performance of CoMoRe catalyst in thiophene and benzothiophene hydrodesulfurization, *Revista de Chimie*, Volume 70, Issue 1, January 2019, Pages 27-32 (ISSN 0034-7752), **factor de impact 1,605**.
5. **Doukeh, R.**, Bombos, M., Moldovan, M., Bolocan, I., Hydrodesulphurization of thiophenes over CoMoRe/ ZSM 5 γ -Al₂O₃ catalyst, *Revista de Chimie*, Volume 69, Issue 6, June 2018, Pages 1386-1390 (ISSN 0034-7752), **factor de impact 1,605**.
6. **Doukeh, R.**, Trifoi, A., Bombos, M., Banu, I., Pasare, M., Bolocan, I., Hydrodesulphurization of thiophene over Co, Mo and CoMo/ γ -Al₂O₃ catalyst, *Revista de Chimie*, Volume 69, Issue 2, February 2018, Pages 396-399 (ISSN 0034-7752), **factor de impact 1,605**.
7. **Doukeh, R.**, Bombos, M., Trifoi, A., Pasare, M., Banu, I., Bolocan, I., Dimethyldisulphide hydrodesulphurization on NiCoMo/Al₂O₃ catalyst, *Revista de Chimie*, Volume 68, Issue 7, 2017, Pages 1496-1500 (ISSN 0034-7752), **factor de impact 1,605**.
8. Popescu, E.M., Pantea, O., Gologan, D., **Doukeh, R.**, Hydrogen peroxide and peracetic acid oxidizing potential in the treatment of water, *Revista de Chimie*, Volume 70, Issue 6, 2019, Pages 2036-2039 (ISSN 0034-7752), **factor de impact 1,605**.

9. Ion, C.S., Bombos, M., **Doukeh, R.**, Vasilievici, G., Matei, V., Kinetics of 1-dodecanethiol Desulfurization by Reactive Adsorption on MgO/dolomite, Revista de Chimie, Volume 69, Issue 12, December 2018, Pages 3439-3444, (ISSN 0034-7752), **factor de impact 1,605.**
10. Trifoi, A., Turcanu, A., **Doukeh, R.**, Gherman, T., Filip, P., Bombos, M., Catalytic activity of tungstophosphorous acid supported on mesoporous silica for glycerol acetalisation to glycerol formal, Revista de Chimie, Volume 69, Issue 10, October 2018, Pages 2617-2620 (ISSN 0034-7752), **factor de impact 1,605.**
11. Popescu, A.I., Bombos, M., **Doukeh, R.**, Bombos, D., Bolocan, I., Hydrogenation of naphthalene on Ni-Co-Mo-Re/ γ -Al₂O₃ catalyst, Revista de Chimie, Volume 67, Issue 9, 2017, Pages 1838-1842 (ISSN 0034-7752), **factor de impact 1,605.**
12. Velea, S., Bombos, M., Vasilievici, G., **Doukeh, R.**, Bombos, D., Component for gasoline by hydroconversion of furfural derivatives in presence of methanol, Revista de Chimie, Volume 68, Issue 7, 2017, Pages 1512-1517 (ISSN 0034-7752), **factor de impact 1,605.**
13. Popescu, A.I., Bombos, M., **Doukeh, R.**, Bombos, D., Bolocan, I., Acidity influence of Ru catalysts on the hydrogenation of naphthalene, Revista de Chimie, Volume 67, Issue 3, March 2016, Pages 570-574 (ISSN 0034-7752), **factor de impact 1,605.**

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1. Bombos, D., Argesanu, C., **Doukeh, R.**, Bombos, M., Vasilievici, G., Nitrobenzene Hydrogenation by Catalysts Based on Ruthenium, Bulletin of Romanian Chemical Engineering Society, Vol. 2, Nr. 1, 2015, pag 646-650 (ISSN 2360-4697),

Cereri brevet

1. Blajan Olimpiu, Filip Petru, Trifoi Ancuta Roxana, Doukeh Rami A, PROCEDEU DE OBȚINERE A GLICEROL FORMALULUI, ECO SOLVENT UTILIZAT ÎN ADMINISTRAREA PARENTERALĂ A MEDICAMENTELOR, PE CATALIZATORI ACIZI CU STRUCTURĂ MESOPOROASĂ Cerere de brevet de inventie OSIM nr. A/00768/03.10.2018.

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1. **Doukeh Rami**, Bomboș Mihaela, Vasilievici Gabrielb, Bolocan Ion, Study of thiophenes hydrodesulfurizationon Co-Mo-Re Catalysts, 3rd International Colloquium Energy and Environmental Protection, Ploiești, Romania, November 14th -16th, 2018.
http://tppconferinte.upg-ploiesti.ro/Docs/Program_3rd_International_Colloquium_7.11.2018-revizuit.pdf
2. **Doukeh Ramia**, Bomboș Mihaela , Bolocan Ion, Kinetic study of thiophene hydrodesulfurization on Co-Mo/ γ -Al₂O₃, 3rd International Colloquium Energy and Environmental Protection, Ploiești, Romania, November 14th -16th, 2018.
http://tppconferinte.upg-ploiesti.ro/Docs/Program_3rd_International_Colloquium_7.11.2018-revizuit.pdf
3. **Doukeh Rami**, Ion Constantin Sorin, Bomboș Mihaela , Bălănescu Ioan, Desulphurization by reactive adsorption on copper-bentonite adsorben, 3rd International Colloquium Energy and Environmental Protection, Ploiești, Romania, November 14th -16th, 2018.
http://tppconferinte.upg-ploiesti.ro/Docs/Program_3rd_International_Colloquium_7.11.2018-revizuit.pdf
4. Bomboș Dorin, **Doukeh Rami**, Bomboș Mihaela, Bălănescu Ioan, glycerol esterification in homogeneous and heterogeneous catalysis, 3rd International Colloquium Energy and Environmental Protection, Ploiești, Romania, November 14th -16th, 2018.
http://tppconferinte.upg-ploiesti.ro/Docs/Program_3rd_International_Colloquium_7.11.2018-revizuit.pdf

5. Marinescu Mihai, **Doukeh Rami**, Bomboș Mihaela, Bolocan Ion, Decyl alcohol hydrogenolysis on wolframolybdenum-cooper catalyst, 3rd International Colloquium Energy and Environmental Protection, Ploiești, Romania, November 14th -16th, 2018.
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6. **Rami DOUKEH**, Sanda VELEA, Mihaela BOMBOS, Gabriel VASILIEVICI - Hydrogenation of furfural in order to obtain components for gasoline, International Symposium of Chemical Engineering and Materials SICHEM 2018 University Politehnica of Bucharest, Romania, 6 – 7 September. 2018,
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8. A.Trifoi, D.Delia, R. Doukeh, T. Gherman, M. Râpă, F.Petru, M. Verziu, Synthesis of Glycerol Formal Catalized by Tungstophosphoric Acid Supported on Mesoporous Silica, The International Symposium PRIOCHEM XIII-th Edition Romania-Bucharest October 25-27, 2017.
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9. S. Velea, M. Bombos, E.-E. Oprescu, R. Doukeh, G. Vasilievici, D. Bombos, Ecological Component for Gasoline Based on Furfural Derivates, The International Symposium PRIOCHEM XIII-th Edition Romania-Bucharest October 25-27, 2017.
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10. **Rami Doukeh**, Ionut Banu, Mihaela, Ion Bolocan, Dorin Bomboș, A Kinetic Study of Benzothiophene Hydrodesulfurization over a Ni-Co-Mo/ γ -Al₂O₃ Catalyst, 2nd International Colloquium Energy And Environmental Protection, Ploiești Romania, November 9-11, 2016.

11. A.I. Popescu (Stănică), **R. Doukeh**, I. Bolocan, Hydrogenation of Dimethylnaphthalene on PtPd/ γ -Al₂O₃ Catalyst, 2nd International Colloquium Energy And Environmental Protection November 9th -11th, 2016 Ploiesti Romania.
12. M. Bombos, **R. Doukeh**, S. Velea, G. Vasilievici, D. Bombos, Furfural Hydrogenation on Ni-Co-Mo Catalysts Dopped With Ba, The International Symposium PRIOCHEM XII-th Edition Romania-Bucharest, 27th – 28th October 2016. (**Lucrare premiată cu premiul III**)
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13. I. Cârstea, S. Velea, **R. Doukeh**, D. Bombos, M. Bombos, G. Vasilievici, Modification of Lavender Oil by Hydrogenation, The International Symposium PRIOCHEM XII-th Edition Romania-Bucharest, 27th – 28th October 2016.
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14. S. Velea, **R. Doukeh**, M. Bombos, R. Ganea, G. Vasilievici, D. Bombos, Alkylation of Cresols on Tungstophosphoric Acid, The International Symposium PRIOCHEM XII-th Edition Romania-Bucharest, 27th – 28th October 2016.
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15. A. Trifoi, **R. Doukeh**, D. Dobre, A. Crucean, D. Bomboș, Dehydration of Fructose to Hydroxymethyl Furfural, Catalysed by Different Heterogeneous Catalysts, The International Symposium PRIOCHEM XII-th Edition Romania-Bucharest, 27th – 28th October 2016.
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16. Mihaela Bombos, Andreea Turcanu, Sanda Velea, Gabriel Vasilievici, Rami Doukeh, Dorin Bombos, Bio-derived Gasoline Component by Furfural Hydrogenation, A XXXIV-a Conferință Națională de Chimie Călimănești-Căciulata, ROMANIA, Vâlcea, 4-7 Octombrie 2016.
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18. **Rami DOUKEH**, Gabriel VASILIEVICI, Mihaela BOMBOS, Dorin BOMBOS, Ion BOLOCAN, Rhenium Influence on The Performance of Hydrodesulfurization Catalyst, International Conference Chimia 2016 “New Trends in Applied Chemistry”, Constanta, Romania, 26 – 28 May, 2016.

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19. Anca–Iuliana DUMITRU, Ion BOLOCAN, Dorin BOMBOȘ, Mihaela BOMBOȘ, Gabriel VASILIEVICI, Rami DOUKEH, Hydrocracking of Heavy Coker Gas Oil Over, International Conference Chimia 2016 “New Trends in Applied Chemistry”, Constanta, Romania, 26 – 28 May, 2016.

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20. Ioana CÂRSTEA, Rami DOUKEH, Dorin BOMBOS, Mihaela BOMBOS, Gabriel VASILIEVICI, Improvement of Lavender oil Characteristics by Hydrogenation, International Conference Chimia 2016 “New Trends in Applied Chemistry”, Constanta, Romania, 26 – 28 May, 2016.

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21. **DOUKEH Rami**, BOLOCAN Ion, VELEA Sanda, BOMBOS Mihaela, VASILIEVICI Gabriel, BOMBOS Dorin, GEORGESCU Vasile, Fuel Hydrodesulfurization in Heterogeneous Catalysis, International Symposium PRIOCHEM XI-th Edition Romania-Bucharest, 29th – 30th October 2015.

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22. **Rami Doukeh**, Gabriel Vasilievici, Mihaela Bomboș, Dorin Bomboș, Ion Bolocan, Catalyst acidity influence on hydrodesulfurization process of petroleum fractions, The Sixthbalkan Mining Congressbalkanmine, Petroșani, September 20-23, 2015.