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Viši naučni saradnik



Profesionalno iskustvo Obласти interesovanja Projekti Izabrane publikacije

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Obласти interesovanja: Heterogena kataliza, katalizatori, teksturalna svojstva

Citiranost:

Profesionalna dostignuća:

Znanje jezika:

Najznačajniji projekti:

Izabrane publikacije: Poglavlja u monografijama:

1. D. Jovanović, **M. Stanković**, D. Guzina, B. Marković, S. Miljanić, "Low-trans catalyst: A new trend in the development of the edible oil hydrogenation catalyst", MONOGRAPHS (ed. P. Putanov), New Challenges in Catalysis IV (editor-in-chief D. Čamprag, reviewers A. Despić, L. Guzzi), Belgrade (2005), The Serbian Academy of Sciences and Arts Branch in Novi Sad (2006): 227-238.
2. **M. Stanković**, N. Jovanović, "High temperature propane oxidation to reducing gas over promoted Ni/MgO catalysts. Role of impregnation condition and promoter on properties of catalysts", Monographic series: Stud. Surf. Sci. Catal., 3rd WORLD CONGRESS ON OXIDATION CATALYSIS (eds. R.K. Grasselli, S.T. Oyama, A.M. Gaffney, J.E. Lyons), Elsevier (1997), 110: 1145-1154.
3. N. Jovanović, D. Skala, M. Marjanović, **M. Stanković**, T. Zerarka, "The possibility of zeolite application in the used motor oil refining process", Monographic series: Stud. Surf. Sci. Catal., ZEOLITES, Synthesis, Structure, Technology and Application (eds. B. Držaj, S. Hočevar, S. Pejovnik), Elsevier (1985), 24: 653-658.

Publikovani radovi:

1. M. Kokunešoski A. Šaponjić, **M. Stanković**, J. Majstorović, A. Egelja, S. Ilić, B. Matović, "Effect of boric acid on the porosity of clay and diatomite monoliths", Ceram. Int., Accepted Manuscript (2016), 42(5): 6383-6390.
2. B. Janković, Ž. Čupić, D. Jovanović, **M. Stanković**, "Kinetic analysis of non-isothermal reduction of silica-supported nickel catalyst precursors in a hydrogen atmosphere", Chem. Eng. Commun., (2016), 203(2): 182-199.
3. D. Marinković, M. Stanković, A. Veličković, J. Avramović, M. Miladinović, O. Stamenković, V. Veljković, D. Jovanović, "Calcium oxide as a promising heterogeneous catalyst for biodiesel production: Current state and perspectives", Renewable Sustainable Energy Rev., (2016), 56: 1387-1408.
4. A. Egelja, J. Majstorović, N. Vuković, **M. Stanković**, D. Bučevac, "Synthesis of highly porous Al₂O₃-YAG composite ceramics", Sci. Sinter., Accepted Manuscript, (2016), 48(3) in press.
5. A. Šaponjić, M. Stanković, J. Majstorović, B. Matović, S. Ilić, A. Egelja, M. Kokunešoski, "Porous ceramics monoliths based on diatomite", Ceram. Int., (2015), 41(8): 9745-9752.
6. V. Radonjić, J. Krstić, D. Lončarević, D. Jovanović, N. Vukelić, **M. Stanković**, D. Nikolova, M. Gabrovska, "Perlite as a potential support for nickel catalyst in the process of sunflower oil hydrogenation", Russ. J. Phys. Chem. A, (2015), 89(13), 2359-2366
7. **M. Stanković**, Ž. Čupić, M. Gabrovska, P. Banković, D. Nikolova, D. Jovanović, "Characteristics and catalytic behavior of supported NiMgAg/D catalysts in partial hydrogenation of soybean oil", Reaction Kinetics,

Mechanisms and Catalysis (2015), 115(1): 105–127.

8. M. Gordić, D. Bučevac, J. Ružić, S. Gavrilović, R. Hercigonja, **M. Stanković**, B. Matović, “Biomimetic synthesis and properties of cellular SiC”, *Ceram. Int.*, (2014), 40: 3699-3705.
9. M. Kokunešoski, A. Šaponjić, V. Maksimović, **M. Stanković**, M. Pavlović, J. Pantić, J. Majstorović, “Preparation and characterization of clay-based porous ceramics with boric acid as additive”, *Ceram. Int.*, (2014), 40: 14191-14196.
10. **M. Stanković**, M. Gabrovska, J. Krstić, P. Tzvetkov, M. Shopska, T. Tsacheva, P. Banković, R. Edreva-Kardjieva, D. Jovanović, “Effect of silver modification on structure and catalytic performance of Ni-Mg/diatomite catalysts for edible oil hydrogenation”, *J. Mol. Catal. A: Chemical*, (2009), 297(1): 54-62.
11. M. Gabrovska, D. Nikolova, J. Krstić, **M. Stanković**, P. Stefanov, R. Edreva-Kardjieva, D. Jovanović, “The State of Nickel in the Silver Modified NiMg/SiO₂ Vegetable Oil Hydrogenation Catalysts”, *Russ. J. Phys. Chem. A*, (2009), 83(9): 1461-1467.
12. M. Gabrovska, J. Krstić, R. Edreva-Kardjieva, **M. Stanković**, D. Jovanović, “The influence of the support on the properties of nickel catalysts for edible oil hydrogenation”, *Appl. Catal. A: General*, (2006), 299: 73-83.
13. **M. Stanković**, P. Banković, B. Marković, Z. Vuković, D. Jovanović, “Hydrogenation of Soybean Oil over Ag-Ni/Diatomite Catalysts. Effect of Silver Content on the Cis/Trans Isomerization Selectivity”, *Mater. Sci. Forum*, (2006), 518: 295-300.
14. D. Jovanović, Ž. Čupić, **M. Stanković**, Lj. Rožić, B. Marković, “The influence of the isomerization reactions on the soybean oil hydrogenation process”, *J. Mol. Catal. A: Chemical*, (2000), 159(2): 353-357.
15. **M.V. Stanković**, D.M. Jovanović, N. Marnić, “Some effects of catalyst deterioration used in sulphuric acid plants”, *Hung. J. Ind. Chem.*, (2000), 28(2): 105-110.
16. A. Nastasović, V. Laninović, **M. Stanković**, “Influence of the Monomer Mixture Composition on Acrylate Membrane Properties”, *Mater. Sci. Forum*, (2000), 352: 201-206.
17. D. Jovanovic, R. Radovic, Lj. Mares, **M. Stanković**, B. Markovic, “Nickel hydrogenation catalyst for tallow hydrogenation and for the selective hydrogenation of sunflower seed oil and soybean oil”, *Catal. Today*, (1998), 43(1-2): 21-28.
18. **M. Stanković**, “Effect of pH on the distribution of vanadium(V) after its precipitation from solution obtained by acid leaching of spent vanadium catalysts”, *Hung. J. Ind. Chem.*, (1992), 20(3): 189-192.
19. N.N. Jovanović, **M.V. Stanković**, M.V. Marjanović, D.U. Skala, “Catalyst deactivation in the hydrogenation of used motor oils”, *J. Serb. Chem. Soc.*, (1989), 54(3): 145-154.
20. N.N. Jovanović, **M.V. Stanković**, J.T. Janačković, “Catalysts for ethanol dehydration to ethylene”, *J. Serb. Chem. Soc.*, (1988), 53(12): 707-711.
21. N.N. Jovanović, **M.V. Stanković**, “Effect of catalyst preparation on selectivity of high temperature propane oxidation to CO and H₂”, *Appl. Catal.*, (1987), 30(1): 3-9.

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