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Uža naučna oblast: Poljoprivredna tehnika
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Obrazovanje

- **Dipl. inž. (1999)** - Poljoprivredni fakultet u Novom Sadu, smer - Poljoprivredna tehnika
- **Magistar nauka (2003)** - Poljoprivredni fakultet, u Novom Sadu, smer - Tehnika u
- biljnoj proizvodnji
- **Doktor nauka (2007)** - Poljoprivredni fakultet u Novom Sadu, Doktorska disertacija: "Optimizacija remontnih kapaciteta poljoprivredne tehnike prilagođenih potrebama porodičnih gazdinstava"

Odabrane publikacije:

1. Micic Radoslav D, **Tomić Milan D**, Kiss Ferenc E, Martinovic Ferenc L, Simikić Mirko D, Molnar Tibor T, 2016. Comparative analysis of single-step and two-step biodiesel production using supercritical methanol on laboratory-scale. *Energy Conversion and Management*, 124, pp. 377-388.
2. **Tomić, M.**, Mičić, R., Kiss, F., Dedović, N. and Simikić, M., 2015. Economic and environmental performance of oil transesterification in supercritical methanol at different reaction conditions: Experimental study with a batch reactor. *Energy Conversion and Management*, 99, pp. 8-19.
3. Stojkovic Ivana, Nikolov Jovana B, **Tomic Milan D**, Micic Radoslav D, Todorovic Natasa A. (2017). Biogenic fraction determination in fuels - Optimal parameters survey. *Fuel*, 191, pp. 330-338
4. **Tomić, M.**, Savin, L., Mičić, R., Simikić, M., Furman, T. (2014). Possibility of using biodiesel from sunflower oil as an additive for the improvement of lubrication properties of low-sulfur diesel fuel. *Energy*, 65, pp. 101-108, ISSN: 0360-5442.
5. Mičić, R.D., **Tomić, M.D.**, Kiss, F.E., Nikolić-Djorić, E.B. and Simikić, M. (2014). Influence of reaction conditions and type of alcohol on biodiesel yields and process economics of supercritical transesterification. *Energy Conversion and Management*, 86, pp. 717-726.
6. Nataša Đurišić Mladenović, Ferenc Kiss, Biljana Škrbić, **Milan Tomić**, Radoslav Mičić, Zlatica Predojević (2018.) Current state of the biodiesel production and the indigenous feedstock potential in Serbia. *Renewable and Sustainable Energy Reviews* 81, pp, 280 -291
7. Savin Lazar D, Matic-Kekić Snežana, Dedović Nebojša A, Simikić Mirko D, **Tomić Milan D** (2014) Profit maximisation algorithm including the loss of yield due to uncertain weather events during harvest, *BIOSYSTEMS ENGINEERING*, vol. 123, pp. 56-67, ISSN: 1537-5110.
8. Kiss, F.E., Mičić, R.D., **Tomić, M.D.**, Nikolić-Djorić, E.B. and Simikić, M.D., 2014. Supercritical transesterification: Impact of different types of alcohol on biodiesel yield and LCA results. *Journal of Supercritical Fluids*, 86, pp. 23-32.
9. Mičić, R.D., **Tomić, M.D.**, Kiss, F.E., Nikolić-Djorić, E.B. and Simikić, M.D., (2015.) Optimization of hydrolysis in subcritical water as a pretreatment step for biodiesel production by esterification in supercritical methanol. *Journal of Supercritical Fluids*, 103, pp. 90-100.

10. Micic Radoslav D, Bosnjak-Kiralj Milica S, Panic Sanja, **Tomic Milan D**, Jovic Branisla Boskovic Goran C. (2015.) Activation temperature imposed textural and surface synergism of CaO catalyst for sunflower oil transesterification. FUEL, 159, pp. 638-645.
11. Simikić Mirko D, Dedović Nebojša A, Savin Lazar D, **Tomić Milan D**, Ponjičan Ondrej O (2014) Power delivery efficiency of a wheeled tractor at oblique drawbar force, SOIL & TILLAGE RESEARCH, vol. 141, br. , pp. 32-43, ISSN: 0167-1987.
12. **TOMIĆ, M.D.**, SAVIN, L.D., MIĆIĆ, R.D., SIMIKIĆ, M.D. and FURMAN, T.F., 2013. Effects of fossil diesel and biodiesel blends on the performances and emissions of agricultural tractor engines. Thermal Science, 17(1), pp. 263-278. (M22)
13. SIMIKIĆ, M., DEDOVIĆ, N., SAVIN, L., **TOMIĆ, M.**, SILLELI, H.H. and PONJIČAN, O., 2012. Influence of eccentric drawbar force on power delivery efficiency of a wheeled tractor. Turkish Journal of Agriculture and Forestry, 36(4), pp. 486-500.
14. **Tomić M**, Matić-Kekić Snežana, Savin L, Desnica Eleonora, Dedović N, Simikić M, Ponjičan O, Ašonja A (2011): Optimization of the locations of overhaul capacities for agricultural engineering in Serbia by applying integer programming, African Journal of Agricultural Research, Vo.6 (15), pp. 3346-3354, ISSN: 1991-637X. M23
15. **Tomić M**, Matić-Kekić Snežana, Savin L, Desnica Eleonora, Dedović N, Simikić M, Ponjičan O, Ašonja A., 2011, Optimization of the locations of overhaul capacities for agricultural engineering in Serbia by applying integer programming, African Journal of Agricultural Research, Vo.6 (15), pp. 3346-3354.
16. **Tomić M**, Furman T, Marinković R, Ana Marjanović Jeremola, Savin L, Simikić M, Mićić R, Furman V: Different operation modes influencing technical and technological characteristics of the press during the oilseed rape filtration. Proceedings of the 22nd International symposium "Safe food production", Trebinje, Bosnia and Herzegovina, 19-25 June, 2011. p. 475-478.
17. **Tomić M**, Furman T, Nikolić R, Savin L, Simikić M: Influence of different fuel types on the change of exhaust gas emissions, International Congress Motor Vehicles & Motors, Kragujevac, October 8th-10th, 2008, p. 1-5.
18. **Tomić M**, Furman T, Malinović N, Nikolić R, Savin L, Gligorić Radojka: Elementi centra za održavanje radne ispravnosti poljoprivredne mehanizacije projektovanog za potrebe individualnog sektora, Traktori i pogonske mašine, V. 8, No. 1, 2003, s. 38-45.
19. **Tomić M**, Furman T, Nikolić R, Savin L, Simikić M: Izbor lokacije remontnih kapaciteta namenjenih potrebama malih i srednjih poljoprivrednih proizvođača, Traktori i pogonske mašine, V. 9, No. 1, 2004, s. 21-27.
20. **Tomić M**, Furman T, Nikolić R, Savin L, Simikić M: Izbor lokacije remontnih kapaciteta namenjenih potrebama srednjih i velikih preduzeća, Traktori i pogonske mašine, V. 9, No. 2, 2004, s. 7-11.

Odabrani projekti:

1. Razvoj kombinovanog traktorskog sistema za obradu zemljišta i setvu. Inovacioni projekat br. 2074, 2004-2005. (Učesnik).
2. Stvaranje genotipova ozime uljane repice sa visokim genetičkim potencijalom na prinos semena u cilju unapređenja i korišćenja. TR-6835, 2005 - 2010. (Učesnik).
3. Istraživanje podloga za proizvodnju i korišćenje biodizela. Br. 114 - 451-01018, 2005 – 2005. (Učesnik).

4. Unapređenje energetske i ekološke efikasnosti traktora i mobilnih sistema. TR-20078, 2008 - 2010. (Učesnik).
5. Unapređenje kvaliteta traktora i mobilnih sistema u cilju povećanja konkurentnosti, očuvanja zemljišta i životne sredine. TR-31046, 2011 - 2018. (Učesnik).
6. Razvoj novih sorti i tehnologija proizvodnje uljanih biljnih vrsta za različite namene, TR 31025, 2011 - 2018 (Učesnik).

Akadske aktivnosti

- **Nastava** iz uže naučne oblasti Poljoprivredna tehnika na osnovnim akademskim, master i doktorskim studijama

Članstvo u udruženjima (do 5)

- Naučno društvo za pogonske mašine i traktore (JUMTO)
- Društvo za razvoj i korišćenje bio goriva (BIGO)
- Laboratorija za biodizel
- Laboratorija za pogonske mašine i traktore (LMT)

Ostale aktivnosti (do 5)

- Glavni urednik naučnog časopisa nacionalnog značaja Traktori i pogonske mašine
- Služi se engleskim jezikom

Full Professor Milan Tomić, Ph.D.

Field of research: Agricultural engineering

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Academic qualifications

- **B.Sc. (1999)** - University of Novi Sad, Faculty of Agriculture
- **M.Sc. (2003)** - University of Novi Sad, Faculty of Agriculture
- **Ph.D. (2007)** - University of Novi Sad, Faculty of Agriculture

Selected publications

1. Micic Radoslav D, **Tomić Milan D**, Kiss Ferenc E, Martinovic Ferenc L, Simikić Mirko D, Molnar Tibor T, 2016. Comparative analysis of single-step and two-step biodiesel production using supercritical methanol on laboratory-scale. *Energy Conversion and Management*, 124, pp. 377-388.
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7. Savin Lazar D, Matić-Kekić Snežana, Dedović Nebojša A, Simikić Mirko D, **Tomić Milan D** (2014) Profit maximisation algorithm including the loss of yield due to uncertain weather events during harvest, *BIOSYSTEMS ENGINEERING*, vol. 123, pp. 56-67, ISSN: 1537-5110.
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10. Micic Radoslav D, Bosnjak-Kiralj Milica S, Panic Sanja, **Tomic Milan D**, Jovic Branisla Boskovic Goran C. (2015.) Activation temperature imposed textural and

- surface synergism of CaO catalyst for sunflower oil transesterification. *FUEL*, 159, pp. 638-645.
11. Simikić Mirko D, Dedović Nebojša A, Savin Lazar D, **Tomić Milan D**, Ponjičan Ondrej O (2014) Power delivery efficiency of a wheeled tractor at oblique drawbar force, *SOIL & TILLAGE RESEARCH*, vol. 141, br. , pp. 32-43, ISSN: 0167-1987.
 12. **TOMIĆ, M.D.**, SAVIN, L.D., MIĆIĆ, R.D., SIMIKIĆ, M.D. and FURMAN, T.F., 2013. Effects of fossil diesel and biodiesel blends on the performances and emissions of agricultural tractor engines. *Thermal Science*, 17(1), pp. 263-278. (M22)
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 14. **Tomić M**, Matić-Kekić Snežana, Savin L, Desnica Eleonora, Dedović N, Simikić M, Ponjičan O, Ašonja A (2011): Optimization of the locations of overhaul capacities for agricultural engineering in Serbia by applying integer programming, *African Journal of Agricultural Research*, Vo.6 (15), pp. 3346-3354, ISSN: 1991-637X. M23
 15. **Tomić M**, Matić-Kekić Snežana, Savin L, Desnica Eleonora, Dedović N, Simikić M, Ponjičan O, Ašonja A., 2011, Optimization of the locations of overhaul capacities for agricultural engineering in Serbia by applying integer programming, *African Journal of Agricultural Research*, Vo.6 (15), pp. 3346-3354.
 16. **Tomić M**, Furman T, Marinković R, Ana Marjanović Jeremola, Savin L, Simikić M, Mićić R, Furman V: Different operation modes influencing technical and technological characteristics of the press during the oilseed rape filtration. *Proceedings of the 22nd International symposium "Safe food production"*, Trebinje, Bosnia and Herzegovina, 19-25 June, 2011. p. 475-478.
 17. **Tomić M**, Furman T, Nikolić R, Savin L, Simikić M: Influence of different fuel types on the change of exhaust gas emissions, *International Congress Motor Vehicles & Motors*, Kragujevac, October 8th-10th, 2008, p. 1-5.
 18. **Tomić M**, Furman T, Malinović N, Nikolić R, Savin L, Gligorić Radojka: The elements of center of the functioning properly maintenance of an agricultural mechanization projected according to the private sector needs, *Tractors and power machines*, V. 8, No. 1, 2003, s. 38-45.
 19. **Tomić M**, Furman T, Nikolić R, Savin L, Simikić M: The choice of location of the repair capacity intended for needs of the small and the middle-sized agricultural producers, V. 9, No. 1, 2004, s. 21-27.
 20. **Tomić M**, Furman T, Nikolić R, Savin L, Simikić M: The locality choice of repair capacity intended for middle and large firms needs, *Tractors and power machines*, V. 9, No. 2, 2004, s. 7-11.

Selected projects

1. Development of combined tractor system for soil tillage and sowing. Innovative project no. 2074, 2004 - 2005. (Participant).
2. Creation of winter oilseed rape genotypes with high genetic potential for yield seeds in order to improve and use. TR-6835, 2005 - 2010. (Participant).
3. The research base for the production and use of biodiesel. Br. 114 - 451 - 01018, 2005-2005. (Participant).
4. Improvement of ecological and energy efficient tractors and mobile systems. TR-20078, 2008 - 2010. (Participant).
5. Improvement of quality of tractors and mobile systems for better competitiveness and preservation of soil and environment. TR-31046, 2011 - 2018. (Participant).
6. The development of new varieties and production technology oil plant species for different purposes. TR 31025, 2011 - 2018. (Participant).

Academic activities

- Teaching at undergraduate, postgraduate and Ph.D. studies (Agricultural engineering)

Memberships

- Scientific Society for power machines and tractors (JUMTO)
- Society for biofuel development and use (BIGO)
- Laboratory of biodiesel
- Laboratory of power machines and tractors (LMT)

Other activities

- Chief editor of the scientific magazine of national significance Tractors and power machines
- Language skills: English