

Dr Goran Radoičić – naučne reference

1.0 Radovi objavljeni u naučnim časopisima međunarodnog značaja (iz kategorije M20)

- 1.1. Radoičić Goran, Jovanović Miomir: “Experimental identification of overall structural damping of system“. *Strojniški Vestnik – Journal of Mechanical Engineering*, 2013, Vol. 59, No. 4, pp. 260-268, ISSN 0039-2480. (Eng. Mech. 74/128, IF=0.776, M22=5.0)
DOI: 10.5545/sv-jme.2012.569
- 1.2. Radoičić Goran, Jovanović Miomir, Marinković Dragan: “Non-linear incidental dynamics of frame structures“. *Structural Engineering and Mechanics – An International Journal*, 2014, Vol. 52, No. 6, pp. 1193-1208, ISSN 1225-4568. (Eng. Mech. 69/130, Eng. Civil 64/125, IF=0.927, M22=5.0)
DOI: <https://doi.org/10.12989/sem.2014.52.6.1193>
- 1.3. Radoičić Goran, Jovanović Miomir, Arsić Miodrag: “Experience with an on-board weighing system solution for heavy vehicles“. *ETRI Journal / Electronics and Telecommunications Research Institute*, 2016, Vol. 38, No. 4, pp. 787-797, ISSN 1225-6463. (Electrical & Electronic 184/260, Telecommunications 70/89, IF=1.116, M23=3.0)
DOI: <http://dx.doi.org/10.4218/etrij.16.0115.0183>
- 1.4. Jovanović Miomir, Radoičić Goran, Stojanović Vladimir: “Accuracy of incidental dynamic analysis of mobile elevating work platforms“. *Structural Engineering and Mechanics – An International Journal*, 2019, Vol. 71, No. 5, pp. 553-562, ISSN 1225-4568. (Civil Eng. 29/132, Eng. Mechanical 36/129, IF=2.804, M21=8.0)
DOI: <https://doi.org/10.12989/sem.2019.71.5.553>
- 1.5. Radoičić Goran, Jovanović Miomir: “Influence of a synchronized human dynamic load on vibrations of machine structures“. *Journal of Applied Engineering Science – JAES*, 2021, Vol. 19, No. 1, pp. 237-245, ISSN 1451-4117 (M24=3.0). **DOI: 10.5937/jaes0-28214**

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2.0 Radovi objavljeni u zbornicima sa međunarodnih naučnih skupova (iz kategorije M30)

- 2.1. Stefanović Aleksandra, Radoičić Goran: “Improvement efficiency quality system in enterprise of municipality“. *Proc. International Convention on Quality 2008 “Total Quality Management & Excellence“*, Belgrade, May 27th-29th, 2008, Vol. 36, No. 1-2, pp. 315-318, ISSN 1452-0680, UDK 658.5. (M33=1.0)
- 2.2. Jovanović Miomir, Radoičić Goran, Milić Predrag: “Dynamic sensitivity research of portal-rotating cranes“. *Proc. XIX International Conference on Material Handling, Constructions and Logistics –*

- MHCL 2009”, University of Belgrade, Faculty of Mechanical Engineering, Belgrade, October 15th-16th, 2009, pp. 61-66, ISBN 978-86-7083-672-3. (M33=1.0)
- 2.3. Radoičić Goran, Curović Dejan: “Model analysis of injuries on the example of communal enterprise”. Proc. International Conference “Euromaintenance 2010”, European Federation of National Maintenance Societies, Verona, May 12th-14th, 2010, pp. 44-46. (M33=1.0)
 - 2.4. Milosavljević Peđa, Randelović Saša, Radoičić Goran: “The possibilities for improvement of the maintenance processes in the public utility service companies”. Proc. International Conference “Euromaintenance 2010”, European Federation of National Maintenance Societies, Verona, May 12th-14th, 2010, pp. 330-334. (M33=1.0)
 - 2.5. Jovanović Miomir, Radoičić Goran, Milić Predrag: “Seismic analysis at tower cranes“. Proc. International Conference “Mechanical Engineering in the XXI Century”, University of Niš, Faculty of Mechanical Engineering, Niš, November 25th-26th, 2010, pp. 277-280, ISBN 978-86-6055-008-0. (M33=1.0)
 - 2.6. Radoičić Goran, Milić Predrag, Jovanović Miomir: “Dynamic behavior of damaged structure of crane in the following incidental event”. Proc. 7th International Conference “Research and Development of Mechanical Elements and Systems – IRMES 2011”, University of Niš, Faculty of Mechanical Engineering, Zlatibor, April 27th-28th, 2011, pp. 85-88, ISBN 978-86-6055-012-7. (M33=1.0)
 - 2.7. Jovanović Miomir, Radoičić Goran, Maneski Taško: “Dynamical eigenvalue identification of heavy structures machine”. Proc. 7th Triennial International Conference “Heavy Machinery – HM 2011”, Faculty of Mechanical Engineering Kraljevo, Vrnjačka Banja, June 29th-July 2nd, 2011, pp. 73-78 (Section B), ISBN 978-86-82631-58-3. (M33=1.0)
 - 2.8. Jovanović Miomir, Radoičić Goran: “Incidental behavior of the structure with reduced technical correctness”. Proc. 7th Triennial International Conference “Heavy Machinery – HM 2011”, Faculty of Mechanical Engineering Kraljevo, Vrnjačka Banja, June 29th-July 2nd, 2011, pp. B.79-B.84 (Section B), ISBN 978-86-82631-58-3. (M33=1.0)
 - 2.9. Radoičić Goran, Jovanović Miomir, Arsić Miodrag, Milić Predrag: “Solution to the task of dynamic logistic management working technology the refuse collection vehicles”. Proc. Int. Conf. “Waste-to-Energy and Packaging Waste in Developing Countries in the South Eastern European, Middle East and Mediterranean Region – ISWA BEACON 2011”, ISWA and University of Novi Sad, FTN, Novi Sad, Nov. 30th – Dec. 2nd, 2011, pp. 245-251, ISBN 978-86-7892-361-6. (M33=1.0)
 - 2.10. Jovanović Miomir, Radoičić Goran, Marković Danijel: “Theoretical and experimental identification of the base mode of torsional vibrations of tower crane”. Proc. XX Int. Conf. on Material Handling, Constructions and Logistics – MHCL 2012”, Faculty of Mechanical Engineering, Belgrade, October 3rd-5th, 2012, pp. 95-100, ISBN 978-86-7083-763-8. (M33=1.0)
 - 2.11. Radoičić Goran, Jovanović Miomir: “The extreme dynamic state of main members of frame supporting structure”. Proc. 23rd International Conference “Noise & Vibration”, Faculty of Occupation Safety Niš and Faculty of Mechanical Engineering Timisoara, Niš, October 17th-19th, 2012, pp. 121-126, ISBN 978-86-6093-042-4. (M33=1.0)
 - 2.12. Jovanović Miomir, Radoičić Goran, Marinković Dragan: “Post-fracture dynamic simulation of responsible supporting structure”. Proc. XI International Conference on Systems, Automatic Control and Measurements – SAUM 2012, University of Niš, Faculty of Electronic Engineering and Faculty

- of Mechanical Engineering, Niš, November 14th-16th, 2012, pp. 270-273, ISBN 978-86-6125-072-9. (M33=1.0)
- 2.13. Jovanović Miomir, Marković Danijel, Tomić Vojislav, Radoičić Goran: "Experimental identification of responsible structures' dynamical characteristics". Proc. 2nd International Conference "Mechanical Engineering in the XXI Century", University of Niš, Faculty of Mech. Engineering, Niš, June 20th-21st, 2013, pp. 307-312, ISBN 978-86-6055-039-4. (M33=1.0)
- 2.14. Jovanović Miomir, Radoičić Goran, Marković Danijel, Tomić Vojislav: "Case study of dynamic structural response during fracture of a several responsible members". Proc. 2nd Int. Conference "Mechanical Engineering in the XXI Century", University of Niš, Faculty of Mechanical Eng., Niš, June 20th-21st, 2013, pp. 313-318, ISBN 978-86-6055-039-4. (M33=1.0)
- 2.15. Jovanović M., Arsić M., Denić D., Tomić V., Marković D., Radoičić G., Marković G.: "The new equipment for dynamical measurement of the kinematics of railroad vehicles". Proc. 21st Int. Scientific Conference – TRANSPORT 2013, Todor Kableskov University of Transport Sofia, Varna, October 10th-13th, 2013. (M33=1.0)
<http://conference2013.vtu.bg/conf-prg.pdf>
- 2.16. Radoičić Goran, Jovanović Miomir, Ilić Lepoje, Obradović Aleksandar: "Influence of GPS technology on cost control and maintenance of vehicles". Proc. 1st Logistics Int. Conference – LOGIC 2013, University of Belgrade, Faculty of Traffic Engineering, Belgrade, November 29th-30th, 2013, pp. 84-89, ISBN 978-86-7395-321-2. (M33=1.0)
- 2.17. Jovanović Miomir, Radoičić Goran: "Dynamical response of structures to malicious and random actions". Proc. 5th International Conference "Transport and Logistics – TIL 2014", University of Niš, Faculty of Mechanical Eng., Niš, June 5th-6th, 2014, pp. 51-54, ISBN 978-86-6055-053-0. (M33=1.0)
- 2.18. Arsić Miodrag, Jovanović Miomir, Radoičić Goran, Tomić Vojislav, Marković Danijel: "Technical device solution for kinematics control of mining export machines". Proc. 5th Int. Conference "Transport and Logistics – TIL 2014", University of Niš, Faculty of Mechanical Engineering, Niš, June 5th-6th, 2014, pp. 165-168, ISBN 978-86-6055-053-0. (M33=1.0)
- 2.19. Jovanović Miomir, Radoičić Goran, Marković Danijel: "Design challenge of large frame structures". Proc. 8th International Conference "Machine and Industrial Design in Mechanical Engineering – KOD 2014", University of Novi Sad, Faculty of Technical Sciences, Balatonfüred, Hungary, June 12th-15th, 2014, pp. 41-46. (M33=1.0)
- 2.20. Radoičić Goran, Jovanović Miomir, Savić Ivan: "The influence of structure anchoring on eigenvalues and translations". Proc. VIII Int. Conference "Heavy Machinery – HM 2014", Faculty of Mechanical and Civil Engineering Kraljevo, Zlatibor, June 25th-28th, 2014, pp. 125- 130 (Section A), ISBN 978-86-82631-74-3. (M33=1.0)
- 2.21. Jovanović Miomir, Radoičić Goran: "Dynamical structural reliability based on the case study analysis". Proc. 24th International Conference "Noise and Vibration", Faculty of Occupation Safety Niš and Faculty of Mechanical Engineering Timisoara, Niš, October 29th-31st, 2014. (M33=1.0)
- 2.22. Arsić Miodrag, Jovanović Miomir, Tomić Vojislav, Marković Danijel, Radoičić Goran: "Calibration of the new technical solution for contact measurement of the rotation speed". Proc. XII

- International Conference on Systems, Automatic Control and Measurements – SAUM 2014, University of Niš, Faculty of Electronic Eng. and Faculty of Mechanical Eng., Niš, November 12th-14th, 2014, pp. 225-228, ISBN 978-86-6125-117-7. (M33=1.0)
- 2.23. Radoičić Goran, Jovanović Miomir, Savić Ivan: “Experimental identification of dynamic parameters of special vehicle superstructure“. Proc. XII International Conference on Systems, Automatic Control and Measurements – SAUM 2014, University of Niš, Faculty of Electronic Engineering and Faculty of Mechanical Eng., Niš, November 12th-14th, 2014, pp. 233-236, ISBN 978-86-6125-117-7. (M33=1.0)
- 2.24. Radoičić Goran, Jovanović Miomir: “Design of the dynamic models of mobile elevating work platforms and solutions“. Proc. 3rd International Conference “Mechanical Engineering in XXI Century, University of Niš, Faculty of Mechanical Engineering, Niš, September 17th-18th, 2015, pp. 401-406. (M33=1.0)
- 2.25. Jovanović Miomir, Radoičić Goran, Tomić Vojislav, Marković Danijel: “Experience with extreme impacts load excitation“. Proc. XXI Int. Conf. on Material Handling, Constructions and Logistics – MHCL 2015, TU Vienna and Faculty of Mechanical Engineering Belgrade, Vienna, September 23th-25th, 2015, pp. 89-94, ISBN 978-86-7083-863-5. (M33=1.0)
- 2.26. Jovanović Miomir, Radoičić Goran, Jovanović Vesna, Tomić Vojislav: “Synchronic excitation – a type of malicious dynamic action“. Proc. XXI Int. Conf. on Material Handling, Constructions and Logistics – MHCL 2015, TU Vienna & Faculty of Mech. Eng. Belgrade, Vienna, Sept. 23th-25th, 2015, pp. 207-210, ISBN 978-86-7083-863-5. (M33=1.0)
- 2.27. Jovanović Miomir, Radoičić Goran: “Modeling effects of live human excitation to the mechanical system using the discrete-time Fourier series“. Proc. 25th International Conference “Noise and Vibration“, Faculty of Occupation Safety Niš and Faculty of Mechanical Engineering Timisoara, Tara, October 27th-29th, 2016. (M33=1.0)
- 2.28. Jovanović Miomir, Radoičić Goran, Jovanović Dragan: “Discrete Fourier transformation model for determination of live human force based on experiment“. Proc. XIII Int. SAUM Conf. on Systems, Automatic Control and Measurements, University of Niš, Faculty of Electronic Eng. and Faculty of Mechanical Eng., Niš, November 09th-11th, 2016. (M33=1.0)
- 2.29. Jovanović M., Manić M., Jovanović S., Janković P., Radoičić G., Milić P.: “Research of dynamic characteristics of double-boom crane“. Proc. 6th International Conference “Transport and Logistics – TIL 2017“, University of Niš, Faculty of Mechanical Eng., Niš, May 25th-26th, 2017, pp. 60-66, ISBN 978-86-6055-088-2. (M33=1.0)
- 2.30. Jovanović Miomir, Vladić Jovan, Đokić Radomir, Radoičić Goran: “Modern examination of export mining machines“. Proc. 4th Int. Conf. “Mechanical Engineering in XXI Century – MASING 2018“, University of Niš, Faculty of Mechanical Engineering, Niš, April 19th-20th, 2018, pp. 397-402, ISBN 978-86-6055-103-2, COBISS.SR-ID 261069580. (M33=1.0)
- 2.31. Jovanović Miomir, Radoičić Goran, Milić Predrag, Maneski Taško: “With frequency simulation to design the monitoring of frame structures“. Proc. 10th Int. Symposium Machine and Industrial Design in Mechanical Engineering (KOD 2018), University of Novi Sad, Faculty of Technical Sciences, Novi Sad, June 6th-8th, 2018, Vol. 393/012039, pp. 1-8, ISSN 1757-899X. (M33=1.0)
DOI: 10.1088/1757-899X/393/1/012039

- 2.32. Jovanović Miomir, Radoičić Goran, Milić Predrag, Maneski Taško: “With frequency simulation to design the monitoring of frame structures”. Book of abstract 10th Inter. Symposium Machine and Industrial Design in Mechanical Engineering, University of Novi Sad, Faculty of Technical Sciences, Novi Sad, June 6th-8th, 2018, Vol. 1, pp. 92-93, IOP Conf. Series: Mater. Sci. Eng. 393 012039, ISBN 978-86-6022-059-4. (M34=0.5)
DOI: 10.1088/1757-899X/393/1/012039
- 2.33. Radoičić Goran, Jovanović Miomir, Arsić Miodrag, Tomić Vojislav: “Experimental research of lifting machines for vertical mining transport”. Proc. 4th International Conference on Mechanical Engineering, Technologies and Applications – COMETA 2018, University of East Sarajevo, Faculty of Mechanical Engineering, East Sarajevo - Jahorina, Republic of Srpska, November 27th -30th, 2018, pp. 696-705, ISBN 978-99976-719-4-3. (M33=1.0)
- 2.34. Jovanović Miomir, Radoičić Goran, Milić Predrag, Maneski Taško: “Application of frequency simulation for detecting the risk of extreme events on transport machines”. Proc. 26th International Conference “Noise and Vibration”, University of Niš, Faculty of Occupational Safety and “Politehnica” University of Timisoara, Faculty of Mechanical Engineering, Niš, December 6th-7th, 2018, pp. 141-146, ISBN 978-86-6093-088-2. (M33=1.0)
- 2.35. Milutinović Biljana, Stefanović Gordana, Momčilović Ana, Radoičić Goran, Popović Sonja: “Assessment of the sustainable resource utilization by landfill mining“. Proc. ECOS 2019 – 32nd Int. Conference on Efficiency, Cost, Optimization, Simulation and Environmental Impact of Energy Systems, Wrocław, Poland, June 23rd-28th, 2019, pp. 3741-3752, ISBN 978-83-61506-51-5. (M33=1.0)
- 2.36. Jovanović Miomir, Pavlović Nenad, Radoičić Goran, Milić Predrag: “Dynamic performance of a double-boom level luffing crane mechanism“. Proc. XXIII Int. Conference on Material Handling, Constructions and Logistics - MHCL 2019, Vienna University of Technology (TU Wien), Institute for Engineering Design and Product Development, University of Belgrade, Faculty of Mechanical Engineering, Vienna, Austria, September 18th-20th, 2019, pp. 45-50, ISBN 978-86-6060-020-4. (M33=1.0)
- 2.37. Radoičić Goran, Jovanović Miomir, Blagojević Bratislav, Vojinović Miloš: “RC vehicle fleet e-monitoring in practice and future“. Proc. XXIII International Conference on Material Handling, Constructions and Logistics - MHCL 2019, Vienna University of Technology (TU Wien), Institute for Engineering Design and Product Development, University of Belgrade, Faculty of Mechanical Engineering, Vienna, Austria, September 18th-20th, 2019, pp. 203-208, ISBN 978-86-6060-020-4. (M33=1.0)

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3.0 Monografije nacionalnog značaja (iz kategorije M40)

- 3.1. Jovanović Miomir, Vladić Jovan, Radoičić Goran: „Eksperimentalna istraživanja transportnih mašina“ – istaknuta monografija nacionalnog značaja. Univerzitet u Nišu, Mašinski fakultet, katalogizacija: transportna sredstva (ispitivanje), merna tehnika, 2018, 272 str., ilustrovana, 30 cm, ISBN 978-86-6055-101-8. (M41=7.0)

4.0 Radovi objavljeni u naučnim časopisima nacionalnog značaja (iz kategorije M50)

- 4.1. Radoičić Goran: „Matematički model optimizacije mobilnih podiznih platformi“. Istraživanja i projektovanja za privredu (danas: Journal of Applied Engineering Science), 2005, Vol. 3, No. 10, pp. 35-42, ISSN 1451-4117. (M52=1.5)
https://issuu.com/iipp/docs/casopis_iipp_10/3?e=1364946/36092320
- 4.2. Radoičić Goran: „Ispitivanje vibro-udobnosti mobilne podizne radne platforme“. Istraživanja i projektovanja za privredu (danas: Journal of Applied Engineering Science), 2006, Vol. 4, No. 11, pp. 25-34, ISSN 1451-4117. (M52=1.5)
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- 4.3. Radoičić Goran, Vujović Blagoje, Stojanović Goran: „Analiza kvantitativnih pokazatelja efektivnosti sistema sakupljanja i izvoženja smeća na realnom modelu“. Istraživanja i projektovanja za privredu (danas: Journal of Applied Engineering Science), 2007, Vol. 5, No. 15, pp. 47-56, ISSN 1451-4117. (M52=1.5)
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- 4.4. Radoičić Goran, Vujović Blagoje, Stojanović Goran: „Optimizacija modela sistema sakupljanja i izvoženja smeća“. Istraživanja i projektovanja za privredu (danas: Journal of Applied Eng. Science), 2007, Vol. 5, No. 16, pp. 33-38, ISSN 1451-4117. (M52=1.5)
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- 4.5. Radoičić Goran: „Pogodnost održavanja izabranih specijalnih komunalnih vozila“. Istraživanja i projektovanja za privredu (danas: Journal of Applied Engineering Science), 2008, Vol. 6, No. 19, pp. 17-26, ISSN 1451-4117. (M52=1.5)
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- 4.6. Radoičić Goran: „Specifičnost kriterijuma za izbor vozila za sakupljanje otpada“. Istraživanja i projektovanja za privredu (danas: Journal of Applied Engineering Science), 2008, Vol. 6, No. 21, pp. 7-17, ISSN 1451-4117. (M52=1.5)
https://issuu.com/iipp/docs/casopis_iipp_21/1?e=1364946/36092320
- 4.7. Radoičić Goran: „Primena metoda višekriterijumskog odlučivanja u praksi na primeru javne nabavke“. Istraživanja i projektovanja za privredu (danas: Journal of Applied Engineering Science), 2009, Vol. 7, No. 23-24, pp. 15-26, ISSN 1451-4117. (M52=1.5)
https://issuu.com/iipp/docs/casopis_iipp_23-24/1?e=1364946/36092341
- 4.8. Milosavljević P., Jovanović S., Jovanović D., Radoičić G., Blagojević V.: “Simulation and experimental stress analysis of the waste compression assembly in utility vehicles for the removal of the communal waste "norba" type with two actuators“. Facta Universitatis – Series: Mech. Eng., 2010, Vol. 8, No. 1, pp. 9-18, ISSN 0354-2025, UDC 629.114.4. (M51=2.0)
<http://facta.junis.ni.ac.rs/me/me201001/me201001-02.pdf>
- 4.9. Radoičić Goran, Milosavljević Peđa, Petrović Goran: „Indikatori efektivnog transportnog modela upravljanja otpadom“. IMK 14 – Istraživanje i razvoj, 2011, Br. 41, str. 61-68, ISSN 0354-6829, UDK 621. (M53=1.0)
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- 4.10. Jovanović Miomir, Radoičić Goran, Petrović Goran, Marković Danijel: “Dynamical models quality of truss supporting structures“. *Facta Universitatis – Series: Mechanical Eng.*, 2011, Vol. 9, No. 2, pp. 137-148, ISSN 0354-2025, UDC 624.07 519.711 515.3. (M51=2.0)
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- 4.11. Jovanović Miomir, Radoičić Goran, Grigorov Bozhidar, Mitrev Rosen: “With transient simulation to special structural design“. *IMK-14 – Research & Development*, 2012, Vol. 18, No. 4, pp. 101-107, ISSN 0354-6829, UDK 621. (M53=1.0)
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- 4.12. Jovanović M., Arsić M., Tomić V., Marković D., Radoičić G., Denić D., Marković G.: “The new equipment for dynamical measurement of the kinematics of railroad vehicles“. *Mechanics Transport Communications - Academic Journal*, 2013, Vol. 11, No. 3, pp. 28- 35 (Section XI), ISSN 1312-3823. (M51=2.0)
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- 4.13. Radoičić Goran, Jovanović Miomir, Marković Danijel, Tomić Vojislav: “By structural design to performance growth“. *Machine Design*, 2013, Vol. 5, No. 4, pp. 151-156, ISSN 1821-1259. (M52=1.5)
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- 4.14. Jovanović Miomir, Radoičić Goran, Grigorov Bozhidar, Mitrev Rosen: “Special properties generation with transient structural simulation“. *Bulgarian Journal for Engineering Design*, 2013, No. 18, pp. 83-90, ISSN 1313-7530. (M51=2.0)
[http://bjed.tu-sofia.bg/items/BJED-0018\(2013\).pdf](http://bjed.tu-sofia.bg/items/BJED-0018(2013).pdf)
- 4.15. Radoičić Goran, Jovanović Miomir, Ilić Lepoje, Blagojević Bratislav: “Expert shell for on-line dynamic control of a transportation process“. *Int. Journal of Innovative Technology and Exploring Engineering*, 2014, Vol. 3, No. 9, pp. 37-45, ISSN 2278-3075. (M51=2.0)
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- 4.16. Jovanović Miomir, Radoičić Goran: “Dynamical structural reliability based on the case study analysis“. *Facta Universitatis – Series: Working and Living Environ. Protection*, 2015, Vol. 12, No. 1, pp. 95-109, ISSN 0354-804X, UDC 519.873:001.87:62-11. (M52=1.5)
<http://casopisi.junis.ni.ac.rs/index.php/FUWorkLivEnvProt/article/view/675/729>
- 4.17. Radoičić Goran, Jovanović Miomir: “Dynamic response of heavy-lifting shipyard machines to resonant environmental load conditions“. *Facta Universitatis – Series: Working and Living Environmental Protection*, 2015, Vol. 12, No. 3, pp. 341-358, ISSN 0354-804X, UDC 621.12:624.042.41. (M52=1.5)
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- 4.18. Jovanović Miomir, Radoičić Goran, Tomić Vojislav, Marković Danijel: “Typical incident simulation of frame supporting structures“. *IMK-14 – Research & Development in Heavy Machinery*, 2016, Vol. 22, No. 1, pp. 1-7, ISSN 0354-6829, UDC 621. (M52=1.5)
<http://www.imk14-rad.com/index.php/en/component/zoo/category/volume-22-number-1?f=1&Itemid=112>
- 4.19. Radoičić Goran, Jovanović Miomir: “Transient simulation of impulse wind effect on a tall shipyard frame structure“. *Int. Journal of Applied Engineering Science – JAES (ranije: IIPP)*, 2017, Vol. 15, No. 2, pp. 192-202, ISSN 1451-4117, UDC 33. (M51=2.0) **DOI: 10.5937/jaes15-12935**

- 4.20. Jovanović Miomir, Radoičić Goran: "A human crowd effect modelled by the discrete-time Fourier series". *Facta Universitatis – Series: Working and Living Environmental Protection*, 2017, Vol. 14, No. 2, pp. 139-148, ISSN 0354-804X, UDC 519.6:241.1. (M52=1.5)
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- 4.21. Radoičić Goran, Jovanović Miomir: "Determination of heavy machines performances by using a measuring system with telemetric synchronization and transmission of signals". *Journal of Applied Engineering Science – JAES (ranije: IIPP)*, 2018, Vol. 16, No. 4, pp. 454-463, ISSN 1451-4117. (M51=2.0) **DOI: 10.5937/jaes16-18981**

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5.0 Radovi objavljeni u zbornicima sa skupova nacionalnog značaja (iz kategorije M60)

- 5.1. Radoičić Goran: „Troškovi životnog ciklusa specijalnog vozila za sakupljanje, sabijanje i transport smeća“. Simpozijum "Upravljanje životnim ciklusom mehanizacije i transportnih sistema", Univerzitet u Beogradu, Mašinski fakultet, Tara, 21.-24. mart 2006. (M63=0.5)
- 5.2. Radoičić Goran: „Osnovni procesi sistema održavanja vozila u komunalnim preduzećima i informacione veze u sistemu“. Druga srpska konferencija sa međunarodnim učešćem "Transport i logistika – TIL 2006", Univerzitet u Nišu, Mašinski fakultet, Niš, 18.-19. maj 2006. (M63=0.5)
- 5.3. Radoičić Goran: „Održavanje kao element logističke podrške u sistemu pružanja komunalnih usluga“. Zbornik Treće srpske konferencije sa međunarodnim učešćem "Transport i logistika – TIL 2008", Univerzitet u Nišu, Mašinski fakultet, Niš, 30. maj 2008, str. 14.1-14.14, ISBN 978-86-80587-82-0. (M63=0.5)
- 5.4. Radoičić Goran, Petrović Vesna: "A model of accidents analysis on the example of a communal enterprise". Proc. 1st International Scientific Conference on "Safety Engineering" & 11th International Conference on "Fire and Explosion Protection", Faculty of Technical Science Novi Sad and Technická Univerzita vo Zvolene Slovakia, Novi Sad, October 7th-11th, 2008, pp. 395-404. (M63=0.5)
- 5.5. Milosavljević Peđa, Randelović Saša, Petrović Goran, Radoičić Goran: „Procesni pristup održavanju voznog parka u JKP „Mediana“ Niš“. Zbornik Konferencije održavanja "KOD-2009", Mašinski fakultet Podgorica i Savez inženjera Crne Gore, Bar, 24.-26. jun 2009, str. 105-112. (M63=0.5)
- 5.6. Radoičić Goran, Milosavljević Peđa: „Pokazatelji eksploatacije vozila u sistemu sakupljanja otpada“. Zbornik Prve konferencije "Održavanje 2010", Mašinski fakultet Zenica, BiH, Zenica, 10.-13. jun 2010, str. 269-278.
<http://www.odrzavanje.unze.ba/zbornici/2010/040-O10-001.pdf>
- 5.7. Radoičić Goran, Jovanović Miomir, Cvetković Dragan: „Ocena vibroudobnosti aktuelnih tehnologija vozila za sakupljanje otpada“. Zbornik Četvrtog simpozijum sa međunarodnim učešćem "Transport i logistika – TIL 2011", Univerzitet u Nišu, Mašinski fakultet, Niš, 27. maj 2011, str. 111-114, ISBN 978-86-6055-014-1. (M63=0.5)

- 5.8. Radoičić Goran, Sibinović Dalibor, Randelović Momir: „Akcidentne situacije u pružanju komunalnih usluga“. Zbornik XVII Nacionalnog naučnog skupa s međunarodnim učešćem „Čovek i radna sredina“, Univerzitet u Nišu, Fakultet zaštite na radu, Niš, 6-8. decembar 2017, str. 40-48, ISBN 978-86-6093-084-4. (M61=1.5)
- 5.9. Radoičić Goran, Jovanović Miomir: „Trendovi u modeliranju incidenata transportnih mašina“. Zbornik XVII Nacionalnog naučnog skupa s međunarodnim učešćem „Čovek i radna sredina“, Univerzitet u Nišu, Fakultet zaštite na radu, Niš, 6-8. decembar 2017, str. 189-197, ISBN 978-86-6093-084-4. (M63=0.5)
- 5.10. Stojanović Jasmina, Radoičić Goran, Vučković Bratislav: „Odnosi sa javnošću složenog sistema za pružanje komunalnih usluga“. Zbornik XVII Nacionalnog naučnog skupa s međunarodnim učešćem „Čovek i radna sredina“, Univerzitet u Nišu, Fakultet zaštite na radu, Niš, 6-8. decembar 2017, str. 322-329, ISBN 978-86-6093-084-4. (M63=0.5)
- 5.11. Sonja Popović, Goran Radoičić, Dragoslav Pavlović: „Application of modern technologies to improve waste disposal“. Proc. 4th Symposium with international participation “Hazardous Industrial Waste, Treatment of Industrial Waste Water and Municipal Waste”, Association Cluster Chamber for Environmental Protection and Sustainable Development, Subotica, May 22nd -23rd, 2018, pp. 16-22, ISBN 978-86-80464-11-4. (M63=0.5)

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6.0 Doktorska disertacija (kategorija M70)

- 6.1. Radoičić Goran: „Dinamičko ponašanje određenih klasa transportnih mašina sa aspekta incidentnih događaja“. Odbranjena doktorska disertacija, mentor prof. dr Miomir Jovanović, Univerzitet u Nišu, Mašinski fakultet, Niš, 27. septembar 2016. (M70=6.0)

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7.0 Tehnička rešenja (kategorija M80)

- 7.1. Arsić Miodrag, Jovanović Miomir, Radoičić Goran, Marković Danijel, Tomić Vojislav: „Industrijski uređaj za kontrolu kinematike rudarskih izvoznih mašina“. Projekat Ministarstva nauke Republike Srbije, br. 35049, Mašinski fakultet u Nišu, 2013. (M85=2.0)

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8.0 Projekti (nije kategorisano)

- 8.1. Jovanović Miomir, Marković Danijel, Tomić Vojislav, Radoičić Goran: „Ispitivanje toranjske dizalice TD-744 MIN Niš (eksperimentalne analize u sklopu projekta TR 35049 – interni izveštaj)“. Projekat Ministarstva nauke i tehnološkog razvoja Republike Srbije, br. TR-35049, Mašinski fakultet u Nišu, 2013.

- 8.2. Jovanović Miomir, Marković Danijel, Tomić Vojislav, Radoičić Goran, Nikolić Vesna: „Dinamička ispitivanja dizalice MIN-D800 u firmi Jugo-impex Niš (eksperimentalne analize u sklopu projekta TR 35049 – interni izveštaj)“. Projekat Ministarstva nauke i tehnološkog razvoja Republike Srbije, br. TR-35049, Mašinski fakultet u Nišu, 2014.
- 8.3. Jovanović Miomir, Jovanović Slobodan, Jovanović Vesna, Radoičić Goran, Jovanović Dragan: „Merenje prinudnog oscilovanja dizalice D-800 u firmi Jugoimpex Niš (preliminarni izveštaj)“. Projekat Ministarstva prosvete, nauke i tehnološkog razvoja Republike Srbije, br. TR-35049, 612-22-105/15, Mašinski fakultet u Nišu, 2015.
- 8.4. Jovanović Miomir, Radoičić Goran: „Eksperimentalna ispitivanja dejstva žive sile u JKP Mediana Niš (izveštaj)“. Projekat Ministarstva prosvete, nauke i tehnološkog razvoja Republike Srbije, br. TR-35049, Mašinski fakultet u Nišu, 2015.