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List of papers published in scientific journals	1. Babić, Sergije; Deluka-Tibljaš, Aleksandra, Cuculić, Marijana; Šurdonja, Sanja: Analiza zagrijavanja kolničkih površina urbanih područja // Građevinar, 64 (2012) 2; 125-132, https://doi.org/10.14256/JCE.641.2011 2. Deluka-Tibljaš, Aleksandra; Šurdonja, Sanja; Babić, Sergije; Cuculić, Marijana: Analyses of urban pavement surface temperatures // The Baltic Journal of Road and Bridge Engineering 10 (2015),3; 239-246; doi:10.3846/bjrbe.2015.30 3. Cuculić, Marijana; Torić Malić, Neira; Kožar, Ivica; Deluka Tibljaš, Aleksandra: Establishing non-linear convective heat transfer coefficient // Coupled Systems Mechanics, 11 (2022), 2; 107-119; doi:10.12989/csm.2022.11.2.107

List of publications which serve as a proof of teaching qualifications	1. Babić, Sergije; Deluka-Tibljaš, Aleksandra, Cuculić, Marijana; Šurdonja, Sanja: Analiza zagrijavanja kolničkih površina urbanih područja // Građevinar, 64 (2012) 2; 125-132, https://doi.org/10.14256/JCE.641.2011 2. Deluka-Tibljaš, Aleksandra; Šurdonja, Sanja; Babić, Sergije; Cuculić, Marijana: Analyses of urban pavement surface temperatures // The Baltic Journal of Road and Bridge Engineering 10 (2015),3; 239-246; doi:10.3846/bjrbe.2015.30 3. Cuculić, Marijana; Torić Malić, Neira; Kožar, Ivica; Deluka Tibljaš, Aleksandra: Establishing non-linear convective heat transfer coefficient // Coupled Systems Mechanics, 11 (2022), 2; 107-119; doi:10.12989/csm.2022.11.2.107 4. Cuculić, Marijana; Deluka Tibljaš, Aleksandra; Pranjić, Ivana; Flego, Miran Analiza stanja kolničkih konstrukcija na autobusnim stajalištima u Gradu Rijeci. // Elektronički zbornik radova Građevinskog fakulteta u Mostaru, 1 (2018), 1; 51-59 5. Ban, Ivana ; Deluka Tibljaš, Aleksandra ; Cuculić, Marijana Orthographic photogrammetry method for pavement texture characterization // Proceedings of the 7th International Conference on Road and Rail Infrastructures CETRA 2022 / Lakušić, S. (ur.). Zagreb: Građevinski fakultet Sveučilišta u Zagrebu, 2022. str. 325-332 doi: 10.5592/CO/CETRA.2022.1441 6. Brkić, Iva ; Deluka Tibljaš, Aleksandra ; Cuculić, Marijana ; Pranjić, Ivana Comparison of standards and requirements for porous asphalt mixtures // Road and Rail Infrastructure VI, Proceedings of the Conference CETRA 2020 / Lakušić, Stjepan - Zagreb, 2021 / Lakušić, Stjepan (ur.). Zagreb: Građevinski fakultet Sveučilišta u Zagrebu, 2021. str. 1041-1048 doi: 10.5592/CO/CETRA.2020.1135 7. Zagvozda, Martina; Zvonarić, Matija; Cuculić, Marijana; Pranjić, Ivana: Waste rubber - sustainable pavements solution?. // Road and Rail Infrastructure VI, Proceedings of the Conference CETRA 2020 / Lakušić, Stjepan (ur.). Zagreb, 2021. str. 859-865 doi:10.5592/CO/CETRA.2020.1138

	8. Kožar, Ivica; Peša, Krešimir; Cuculić, Marijana; Torić Malić, Neira: Some elements for assessing the radiated heat in urban areas. // MIPRO 2020 43rd International Convention / Skala, Karolj (ur.). Rijeka: Hrvatska udruga za informacijsku i komunikacijsku tehnologiju, elektroniku i mikroelektroniku - MIPRO, 2020. str. 1695-1698 doi:10.23919/MIPRO48935.2020.9245431 9. Cuculić, Marijana; Deluka Tibljaš, Aleksandra; Vasić, Fabian; Pranjić, Ivana: The influence of porous asphalt mix design on raveling resistance. // 15th International Conference of Computational Methods in Sciences and Engineering (ICCMSE 2019) / Simos, Theodore E. ; Kalogiratou, Zacharoula ; Monovasilis, Theodore (ur.). Rodos, Grčka: American Institute of Physics (AIP), 2019. 1063, 6 doi:10.1063/1.5138071 10. Pranjić, Ivana; Deluka-Tibljaš, Aleksandra; Cuculić, Marijana; Skender, Robert: Pavement surface macrotexture analysis. // 5th International Conference on Road and Rail Infrastructure (CETRA 2018) Zadar, Hrvatska, 2018. str. 359-365 doi:10.5592/CO/CETRA.2018.706 11. Načinović Margan, Andrea; Arbanas, Željko.; Deluka-Tibljaš, Aleksandra; Cuculić, Marijana: Deformational properties of unbound granular pavement materials. // Road and Rail Infrastructure III / Lakušić, Stjepan (ur.). Zagreb: Faculty of Civil Engineering University of Zagreb, 2014. str. 649-656. (https://www.bib.irb.hr:8443/700559) 12. Cuculić, Marijana; Babić, Sergije; Deluka-Tibljaš, Aleksandra; Šurdonja, Sanja: Pavement surfaces in urban areas. // Road an rail infrastructure II, Proceedings of the 2nd international conference on road and rail infrastructure - CETRA 2012 / Stjepan Lakušić (ur.). Zagreb: Department of Transportation, Faculty of civil engineering, University of Zagreb, 2012. str. 273-279

Leader of the following research projects	1. 2024. – 2025. – Porozne asfaltne mješavine – alat za smanjenje urbanih toplinskih otoka

Participant in the following research projects	1. 2024.-2025. - Optimizacija oblikovnih elemenata šire zone raskrižja (uniri projekt) 2. 2020. – 2025. „Cementom stabilizirani nosivi slojevi s otpadnom gumom za održive kolnike“, HRZZ projekt, 3. 2019. – 2022. “Prometna infrastruktura u funkciji održive urbane mobilnosti“, UNIRI projekt 4. 2014. – 2016. “Održivo projektiranje kolničkih konstrukcija u urbanom području“, 5. 2009. – 2012. “HDM-4 i njegova prilagodba za korištenje u sustavu gospodarenja kolnicima“, projekt Ministarstva znanosti, obrazovanja i športa Republike Hrvatske

Supervision of PhD theses	-

Examination of PhD theses	-