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<b>Research and teaching, art and teaching or teaching rank</b>	Professor with tenure
<b>Area and field of election into research or art rank</b>	Area of technical sciences, field of civil engineering
<b>INFORMATION ON CURRENT EMPLOYMENT</b>	
<b>Employment institution</b>	University of Split, Faculty of Civil Engineering, Architecture and Geodesy, Department of Materials
<b>Field of research</b>	Building materials
<b>SCIENTIFIC COMPETENCES</b>	
<b>Scientific papers published in the last 5 years</b>	<p>Netinger Grubeša, Ivanka; Gojević, Snita; Juradin, Sandra; Aniskin, Aleksej Enhancing Concrete Durability Through the Application of Hydrophilic Crystalline Admixtures, International Conference on Structure and Civil Engineering Research, Madrid, Španjolska, 23.04.2024-25.04.2024</p> <p>Gojević, Anita; Netinger Grubeša, Ivanka; Juradin, Sandra; Banjad Pečur, Ivana, Resistance of Concrete with Crystalline Hydrophilic Additives to Freeze–Thaw Cycles // Applied sciences (Basel), 14 (2024), 6; 1-12. doi: <a href="https://doi.org/10.3390/app14062303">https://doi.org/10.3390/app14062303</a></p> <p>Juradin, Sandra., Bartulović, Bruno., Žižić, Dujmo., Mrakovčić, Silvija. Cotton knitted fabric waste as reinforcement in cement screed. Advances in Civil and Architectural Engineering, 15(28), 1–14. 2024. <a href="https://doi.org/10.13167/2024.28.1">https://doi.org/10.13167/2024.28.1</a></p> <p>Netinger Grubeša, Ivanka ; Juradin, Sandra ; Mrakovčić, Silvija Aging studies of polymer composites in freeze-thaw conditions, Woodhead Publishing Series in Composites Science and Engineering, 95-134, 2024. <a href="https://doi.org/10.1016/B978-0-443-15545-1.00003-2">https://doi.org/10.1016/B978-0-443-15545-1.00003-2</a></p> <p>Juradin, Sandra; Babić, Marija, Influence of fines less than 0.125 mm on abrasion resistance of concrete, 8th World Multidisciplinary Civil Engineering-Architecture-Urban Planning Symposium: Abstract Book. Prag: World Multidisciplinary Civil Engineering-Architecture-Urban Planning Symposium (WMCAUS), 2023. str. 174-174</p> <p>Netinger Grubeša, Ivanka; Gojević, Anita; Juradin, Sandra; Aniskin, Aleksej, The Effect of Hydrophilic Crystalline Admixture on the Durability of Concrete // 13th Annual International Conference on Civil Engineering Atena, Grčka, 19.06.2023-22.06.2023</p> <p>Juradin, Sandra; Netinger Grubeša, Ivanka; Ribarović, Ema Effect of 40-day seawater treatment of Spanish broom fibers on the mechanical properties of reinforced cement mortar , 1st European Green Conference - Book of Abstracts. Osijek: International Association of Environmental Scientists and Professionals (IAESP), 2023. str. 222-222</p> <p>Gojević, Anita; Netinger Grubeša, Ivanka; Marković, Berislav; Juradin, Sandra; Crnoja, Anđelko Autonomous Self-Healing Methods as a Potential Technique for the Improvement of Concrete’s Durability Materials, 16 (2023), 23; 1-26. doi: <a href="https://doi.org/10.3390/ma16237391">https://doi.org/10.3390/ma16237391</a></p>

Jozić, Dražan; Ljubičić, Branimir; Petrović, Andrija; Čović, Anđela; Juradin, Sandra The Influence of GGBFS as an Additive Replacement on the Kinetics of Cement Hydration and the Mechanical Properties of Cement Mortars Buildings, 13/2023 (2023), 8; 1-20. doi: <https://doi.org/10.3390/buildings13081960>

Juradin, Sandra; Jozić, Dražan; Netinger Grubeša, Ivanka; Pamuković, Anita; Čović, Anđela; Mihanović, Frane Influence of Spanish Broom Fibre Treatment, Fibre Length, and Amount and Harvest Year on Reinforced Cement Mortar Quality Buildings, 13 (2023), 8; 1-25. <https://doi.org/10.3390/buildings13081910>

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Bartulović, Bruno ; Juradin, Sandra ; Žižić, Dujmo ; Sakić, Paula Durability properties of concrete reinforced with recycled textile waste, Proceedings of Cement Based Composites Congress / Abdulkadir, Cüneyt Aydın (ur.). Erzurum: ACA Publishing, 2022. str. 76-82

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Netinger Grubeša, Ivanka ; Barišić, Ivana ; Bačun, Bruno ; Juradin, Sandra Properties and applicability of pervious concrete for paving flags. Green and Intelligent Technologies for Sustainable and Smart Asphalt Pavements. London: CRC Press/Balkema, 2021. str. 32-37 doi: 10.1201/9781003251125-6

Juradin, Sandra ; Vranješ, Lidia Karla ; Jozić, Dražan ; Boko, Ivica Post-Fire Mechanical Properties of Concrete Reinforced with Spanish Broom Fibers, Journal of composites science, 5 (2021), 10; 265, 17. <https://doi.org/10.3390/jcs5100265>

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	<p>Proceedings of the International Conference on Sustainable Materials, Systems and Structures / Serdar, Marijana ; Štirmer, Nina ; Provis, John (ur.). Pariz: RILEM Publications SARL, 2019. str. 195-201</p> <p>Juradin, Sandra ; Boko, Ivica ; Netinger Grubeša, Ivanka ; Jozić, Dražan ; Mrakovčić, Silvija Influence of harvesting time and maceration method of Spanish Broom (<i>Spartium junceum</i> L.) fibers on mechanical properties of reinforced cement mortar // Construction and building materials, 225 (2019), 243-255. <a href="https://doi.org/10.1016/j.conbuildmat.2019.07.207">https://doi.org/10.1016/j.conbuildmat.2019.07.207</a></p>
<p><b>Projects and research</b></p>	<ul style="list-style-type: none"> <li>- Implementation of modern scientific and research infrastructure at FGAG to smart specialization in green and energy efficient construction - INFRA FGAG", KK.01.1.1.02.0027 – Investigator</li> <li>- Development and application of Croatian qualification framework in field of higher education of civil engineers HR.3.1.15-0025 – member 2 of the working group</li> <li>- RHEOLOGICAL MODEL AND TESTING OF FRESH CONCRETE UNDER VIBRATION, Scientific project financed by MINISTRY OF SCIENCE AND TECHNOLOGY, 2-11-410 -Junior research assistan</li> <li>- PROPERTIES OF VIBRATED CONCRETE AND APPLICATIONS, Scientific project financed by MINISTRY OF SCIENCE AND TECHNOLOGY, 083141 - Research assistan</li> <li>- Mechanism of vibratory action in the fresh and plastic concrete, Scientific project financed by MINISTRY OF SCIENCE AND TECHNOLOGY 0083081 - Principal investigator.</li> </ul>