

## LIST OF SCIENTIFIC PAPERS PUBLISHED IN 2021

1. Arnautovic KI, Qaladize BF, Pojskic M, Gienapp AJ, Splavski B, Boop FA. The 270 degrees Circumferential Microsurgical Decompression of the Foramen Magnum in Adult Chiari Malformation Type I: Single Surgeon Series of 130 Patients with Syringomyelia, Neurologic, and Headache Outcomes. *World Neurosurgery*. 2021;146:E1103-E117.
2. Asic A, Salazar R, Storm N, Dogan S, Hoepfner W, Marjanovic D, et al. Prevalence of rare F5 variants in general population from Bosnia and Herzegovina. *Molecular Biology Reports*. 2021;48(6):5181-6.
3. Atilola O, Stevanovic D, Moreira P, Dodig-Curkovic K, Franic T, Djoric A, et al. External locus-of-control partially mediates the association between cumulative trauma exposure and posttraumatic stress symptoms among adolescents from diverse background. *Anxiety Stress and Coping*. 2021;34(6):626-44.
4. Azdajic MD, Likic R, Gucanac M, Franceschi N, Levak MT, Stajduhar A, et al. Prescription pattern and prevalence of benzodiazepine use among elderly patients. *Asian Journal of Psychiatry*. 2021;55.
5. Balog M, Blazetic S, Ivic V, Labak I, Krajnik B, Marin R, et al. Disarranged neuroplastin environment upon aging and chronic stress recovery in female Sprague Dawley rats. *European Journal of Neuroscience*. 2022;55(9-10):2474-90.
6. Banic M, Plegko S, Urek M, Babie I, Kardum D. Immunosenescence, inflammaging and resilience: an evolutionary perspective of adaptation in the light of COVID-19 pandemic. *Psychiatria Danubina*. 2021;33:S427-S31.
7. Bekic S, Babic F, Pavliskova V, Paralic J, Wittlinger T, Majnaric LT. Clusters of Physical Frailty and Cognitive Impairment and Their Associated Comorbidities in Older Primary Care Patients. *Healthcare*. 2021;9(7).
8. Berkovic MC, Mikulic D, Bilic-Curcic I, Mrzljak A. How far along are we in revealing the connection between metformin and colorectal cancer? *World Journal of Gastroenterology*. 2021;27(14).
9. Bezek T, Bingulac-Popovic J, Bagatin D, Petlevski R, Jukic I. Abo blood group genotypes in women with breast cancer. *Acta Clinica Croatica*. 2021;60(3):354-60.
10. Bilic Curcic I, Cigrovski Berkovic M, Kizivat T, Canecki Varzic S, Smolic R, Smolic M. Effect of COVID-19 on management of type 1 diabetes: Pushing the boundaries of telemedical healthcare. *World Journal of Diabetes*. 2021;12(6).

11. Bilic Z, Gojkovic S, Kalogjera L, Krezic I, Malekinusic D, Knezevic M, et al. Novel insight into Robert's cytoprotection: complex therapeutic effect of cytoprotective pentadecapeptide pentadecapeptide BPC 157 in rats with perforated stomach throughout modulation of nitric oxide-system. Comparison with L-arginine, ranitidine and pantoprazole therapy and L-NG-nitro-L-arginine methyl ester worsening. *Journal of Physiology and Pharmacology*. 2021;72(6):939-55.
12. Bilic-Curcic I, Berkovic MC, Virovic-Jukic L, Mrzljak A. Shifting perspectives - interplay between non-alcoholic fatty liver disease and insulin resistance in lean individuals. *World Journal of Hepatology*. 2021;13(1).
13. Bingulac-Popovic J, Babic I, Dogic V, Kundid R, Medica JS, Miskovic B, et al. Prenatal RHD genotyping in Croatia: preliminary results. *Transfusion Clinique Et Biologique*. 2021;28(1):38-43.
14. Bosnic Z, Saric B, Vucic D, Kovacevic B, Marinic N, Volaric M, et al. Alopecia in preexisting autoimmune thyroid disease in family medicine practice: can hyperprolactinemia induce hair loss? A case report. *Acta Dermatovenerologica Alpina Pannonica Et Adriatica*. 2021;30(2):75-7.
15. Bosnic Z, Yildirim P, Babic F, Sahinovic I, Wittlinger T, Martinovic I, et al. Clustering Inflammatory Markers with Sociodemographic and Clinical Characteristics of Patients with Diabetes Type 2 Can Support Family Physicians' Clinical Reasoning by Reducing Patients' Complexity. *Healthcare*. 2021;9(12).
16. Brlek P, Anticevic D, Molnar V, Maticic V, Robinson K, Aradhya S, et al. X-Linked Osteogenesis Imperfecta Possibly Caused by a Novel Variant in PLS3. *Genes*. 2021;12(12).
17. Buljubasic D, Drenjancevic I, Kibel A, Zibar L, Vizjak V, Mandic S, et al. Myeloperoxidase (MPO) and high sensitivity C-reactive protein (hsCRP) as inflammatory biomarkers of endothelial and leukocyte activation in overweight hypertensive patients. *Arterial Hypertension*. 2021;25(1):14-21.
18. Candela-Juan C, Ciraj-Bjelac O, Merce MS, Dabin J, Faj D, Gallagher A, et al. Use of out-of-field contact shielding on patients in medical imaging: A review of current guidelines, recommendations and legislative documents. *Physica Medica-European Journal of Medical Physics*. 2021;86:44-56.
19. Candrljic M, Peric Kacarevic Z, Ivanisevic Z, Tomas M, Vcev A, Faj D, et al. Histological and Radiological Features of a Four-Phase Injectable Synthetic Bone Graft

- in Guided Bone Regeneration: A Case Report. *International Journal of Environmental Research and Public Health*. 2021;18(1).
20. Canecki Varzic S, Steiner K, Gradinjan Centner M, Grgurevic M, Cigrovski Berkovic M, Klobucar Majanovic S, et al. Assessment of FreeStyle Libre Flash Glucose Monitoring System Implementation in Real Life Clinical Setting: A Prospective Observational Study. *Diagnostics*. 2021;11(2).
  21. Cigrovski Berkovic M, Bilic-Curcic I, La Grasta Sabolic L, Mrzljak A, Cigrovski V. Fear of hypoglycemia, a game changer during physical activity in type 1 diabetes mellitus patients. *World Journal of Diabetes*. 2021;12(5):569-77.
  22. Cigrovski Berkovic M, Bilic-Curcic I, Mrzljak A, Cigrovski V. NAFLD and Physical Exercise: Ready, Steady, Go! *Frontiers in Nutrition*. 2021;8.
  23. Curic ZB, Masle AM, Kibel A, Selthofer-Relatic K, Stupin A, Mihaljevic Z, et al. Effects of n-3 Polyunsaturated Fatty Acid-Enriched Hen Egg Consumption on the Inflammatory Biomarkers and Microvascular Function in Patients with Acute and Chronic Coronary Syndrome-A Randomized Study. *Biology-Basel*. 2021;10(8).
  24. Cvitkovic-Roic A, Turudic D, Milosevic D, Palcic I, Roic G. Contrast-enhanced voiding urosonography in the diagnosis of intrarenal reflux. *Journal of Ultrasound*. 2022;25(1):89-95.
  25. De Saint-Hubert M, Tyminska K, Stolarczyk L, Brkic H. Fetus dose calculation during proton therapy of pregnant phantoms using MCNPX and MCNP6.2 codes. *Radiation Measurements*. 2021;149.
  26. Debeljak Z, Niehoff A-C, Bandjak A, Mandic D, Bosnjak B, Heffer M, et al. MALDI TOF Mass Spectrometry Imaging of Blood Smear: Method Development and Evaluation. *International Journal of Molecular Sciences*. 2021;22(2).
  27. Delmis J, Habek D, Ivanisevic M, Kosec V, Muller A, Petrovic O, et al. Croatian society for perinatal medicine: Consensus statement and recommendations for the risk assessment of preeclampsia. *European Journal of Obstetrics & Gynecology and Reproductive Biology*. 2021;264:389-91.
  28. Duli G, Pozgain Z, Selthofer R, Bogovic S, Rimac M, Kovacic B, et al. Thrombosis of Coronary Arteries in a Patient With Polycythemia Vera During the Myocardial Revascularization: A Case Report. *International Surgery*. 2021;105(1-3):336-41.
  29. Duspara K, Bojanic K, Pejic JI, Kuna L, Kolaric TO, Nincevic V, et al. Targeting the Wnt Signaling Pathway in Liver Fibrosis for Drug Options: An Update. *Journal of Clinical and Translational Hepatology*. 2021;9(6):960-71.

30. Eakins J, Huet C, Brkic H, Capello K, Desorgher L, Epstein L, et al. Monte Carlo calculation of organ and effective dose rates from ground contaminated by Am-241: Results of an international intercomparison exercise. *Radiation Measurements*. 2021;148.
31. Garg K, Chaurasia B, Gienapp AJ, Splavski B, Arnautovic KI. Bibliometric Analysis of Publications From 2011e2020 in 6 Major Neurosurgical Journals (Part 1): Geographic, Demographic, and Article Type Trends. *World Neurosurgery*. 2022;157:125-34.
32. Gojkovic S, Krezic I, Vranes H, Zizek H, Drmic D, Vuletic LB, et al. Robert's Intra-gastric Alcohol-Induced Gastric Lesion Model as an Escalated General Peripheral and Central Syndrome, Counteracted by the Stable Gastric Pentadecapeptide BPC 157. *Biomedicines*. 2021;9(10).
33. Golcic M, Tomas I, Stevanovic A, Golcic G, Dobrila-Dintinjana R, Eric S, et al. Smoking Cessation after a Cancer Diagnosis: A Cross-Sectional Analysis in the Setting of a Developing Country. *Clinics and Practice*. 2021;11(3):509-19.
34. Guljas S, Bosnic Z, Salha T, Berecki M, Krivdic Dupan Z, Rudan S, et al. Lack of Informations about COVID-19 Vaccine: From Implications to Intervention for Supporting Public Health Communications in COVID-19 Pandemic. *International Journal of Environmental Research and Public Health*. 2021;18(11).
35. Gvozdanovic Z, Farcic N, Simic H, Buljanovic V, Gvozdanovic L, Katalinic S, et al. The Impact of Education, COVID-19 and Risk Factors on the Quality of Life in Patients with Type 2 Diabetes. *International Journal of Environmental Research and Public Health*. 2021;18(5).
36. Habazin S, Mlinarevic D, Balog M, Bardak A, Gaspar R, Szucs KF, et al. High-throughput rat immunoglobulin G N-glycosylation profiling revealed subclass-specific changes associated with chronic stress. *Journal of Proteomics*. 2021;245.
37. Hauptman AG, Lukic-Grlic A, Vranes J, Milosevic M, Gagro A. The effect of standard-dose wintertime vitamin D supplementation on influenza infection in immunized nursing home elderly residents. *Croatian Medical Journal*. 2021;62(5):495-503.
38. Ilic K, Lin X, Malci A, Stojanovic M, Puljko B, Rozman M, et al. Plasma Membrane Calcium ATPase-Neuroplastin Complexes Are Selectively Stabilized in GM1-Containing Lipid Rafts. *International Journal of Molecular Sciences*. 2021;22(24).

39. Ivanisevic Z, Uzarevic Z, Lesic S, Vcev A, Matijevic M. Oral Health of Children from the SOS Children's Village in Croatia. *International Journal of Environmental Research and Public Health*. 2021;18(2).
40. Jakab J, Miskic B, Miksic S, Juranic B, Cosic V, Schwarz D, et al. Adipogenesis as a Potential Anti-Obesity Target: A Review of Pharmacological Treatment and Natural Products. *Diabetes Metabolic Syndrome and Obesity-Targets and Therapy*. 2021;14:67-83.
41. Jakab J, Zjalic M, Miksic S, Tusek I, Cosic V, Volaric N, et al. Effect of Metformin and Simvastatin in Inhibiting Proadipogenic Transcription Factors. *Current Issues in Molecular Biology*. 2021;43(3):2082-97.
42. Jandric S, Filakovic P, Kurtovic A, Kovac V, Benic D, Rogulja S, et al. The role of cognitive control and rumination in predicting depression among adolescents with internalizing disorders. *Psychiatria Danubina*. 2021;33(2):165-72.
43. Jankovic D, Hanissian A, Rotim K, Splavski B, Arnautovic KI. Novel Clinical Insights into Spinal Hemangioblastoma in Adults: A Systematic Review. *World Neurosurgery*. 2022;158:1-10.
44. Jimenez-Yuste V, Auerswald G, Benson G, Dolan G, Hermans C, Lambert T, et al. Practical considerations for nonfactor-replacement therapies in the treatment of haemophilia with inhibitors. *Haemophilia*. 2021;27(3):340-50.
45. Jukic I, Kolobaric N, Stupin A, Matic A, Kozina N, Mihaljevic Z, et al. Carnosine, Small but Mighty-Prospect of Use as Functional Ingredient for Functional Food Formulation. *Antioxidants*. 2021;10(7).
46. Jukic I, Mihaljevic Z, Matic A, Mihalj M, Kozina N, Selthofer-Relatic K, et al. Angiotensin II type 1 receptor is involved in flow-induced vasomotor responses of isolated middle cerebral arteries: role of oxidative stress. *American Journal of Physiology-Heart and Circulatory Physiology*. 2021;320(4):H1609-H24.
47. Juric M, Balog M, Ivic V, Benzon B, Racetin A, Bocina I, et al. Chronic Stress and Gonadectomy Affect the Expression of Cx37, Cx40 and Cx43 in the Spinal Cord. *Life-Basel*. 2021;11(12).
48. Juric M, Balog M, Ivic V, Boskovic M, Benzon B, Racetin A, et al. Increased expression of dendrin in the dorsal horn of the spinal cord during stress is regulated by sex hormones. *Neuropeptides*. 2021;86.
49. Kadivnik M, Debeljak Z, Mandic D, Wagner J, Kralik K, Sijanovic S, et al. Requirement for oxytocin augmentation in spontaneous parturition is associated with the maternal

- serum steroid hormones assessed by liquid chromatography coupled to the tandem mass spectrometry. *Journal of Obstetrics and Gynaecology Research*. 2021;47(7):2347-55.
50. Kardum D, Serdarusic I, Biljan B, Santic K, Zivkovic V, Kos M. Cord blood bilirubin and prediction of neonatal hyperbilirubinemia and perinatal infection in newborns at risk of hemolysis. *Jornal De Pediatria*. 2021;97(4):440-4.
  51. Kardum Z, Prus V, Ahic JM, Kardum D. Successful treatment with Cinryze (R) replacement therapy of a pregnant patient with hereditary angioedema: a case report. *Journal of Medical Case Reports*. 2021;15(1).
  52. Keres T, Jukic I, Svagusa T, Prkacin I, Bingulac-Popovic J, Vinkovic M, et al. A1B and BB blood group genotypes are risk factors for pulmonary embolism. *Wiener Klinische Wochenschrift*. 2021;133(21-22):1179-85.
  53. Kifer D, Bugada D, Villar-Garcia J, Gudelj I, Menni C, Sudre C, et al. Effects of Environmental Factors on Severity and Mortality of COVID-19. *Frontiers in Medicine*. 2021;7.
  54. Knezevic M, Gojkovic S, Krezic I, Zizek H, Malekinusic D, Vrdoljak B, et al. Occluded Superior Mesenteric Artery and Vein. Therapy with the Stable Gastric Pentadecapeptide BPC 157. *Biomedicines*. 2021;9(7).
  55. Knezevic M, Gojkovic S, Krezic I, Zizek H, Malekinusic D, Vrdoljak B, et al. Occlusion of the Superior Mesenteric Artery in Rats Reversed by Collateral Pathways Activation: Gastric Pentadecapeptide BPC 157 Therapy Counteracts Multiple Organ Dysfunction Syndrome; Intracranial, Portal, and Caval Hypertension; and Aortal Hypotension. *Biomedicines*. 2021;9(6).
  56. Kolacio MS, Brkic H, Faj D, Radojcic DS, Rajlic D, Obajdin N, et al. Validation of two calculation options built in Elekta Monaco Monte Carlo based algorithm using MCNP code. *Radiation Physics and Chemistry*. 2021;179.
  57. Kolacko S, Predovic J, Kokot A, Bosnar D, Brzovic-Saric V, Saric B, et al. Do Gender, Age, Body Mass and Height Influence Eye Biometrical Properties in Young Adults? A Pilot Study. *International Journal of Environmental Research and Public Health*. 2021;18(21).
  58. Kolaric TO, Nincevic V, Kuna L, Duspara K, Bojanic K, Vukadin S, et al. Drug-induced Fatty Liver Disease: Pathogenesis and Treatment. *Journal of Clinical and Translational Hepatology*. 2021;9(5):731-7.
  59. Kolobaric N, Drenjancevic I, Matic A, Susnjara P, Mihaljevic Z, Mihalj M. Dietary Intake of n-3 PUFA-Enriched Hen Eggs Changes Inflammatory Markers' Concentration

and Treg/Th17 Cells Distribution in Blood of Young Healthy Adults-A Randomised Study. *Nutrients*. 2021;13(6).

60. Komic L, Kruljac I, Mirosevic G, Gacina P, Pecina HI, Cerina V, et al. Spontaneous resolution of a nonfunctioning pituitary adenoma over one-month period: a case report. *Acta Clinica Croatica*. 2021;60(2):317-22.
61. Kopljar M, Ivandic S, Mesic M, Bakota B, Ziger T, Kondza G, et al. Operative versus non-operative management of blunt pancreatic trauma in children: Systematic review and meta-analysis. *Injury-International Journal of the Care of the Injured*. 2021;52:S49-S57.
62. Korade Z, Heffer M, Mirnics K. Medication effects on developmental sterol biosynthesis. *Molecular Psychiatry*. 2022;27(1):490-501.
63. Koruga N, Pekmezovic T, Tomas I, Koruga AS, Soldo SB, Uzarevic Z, et al. Factors affecting outcome in the treatment of glioblastoma. *Acta Clinica Croatica*. 2021;60(3):373-8.
64. Kovacevic J, Fotez I, Miskulin I, Lesic D, Miskulin M, Berlancic T, et al. Different Patterns of Mental Health Outcomes among Road Traffic Crash Survivors: A Prospective Cohort Study. *International Journal of Environmental Research and Public Health*. 2021;18(4).
65. Laganovic M, Gellineo L, Bulimbasic S, Sulc S, Skegro D, Minazek M, et al. Report of the croatian registry of native kidney biopsies for year 2019. *Acta Clinica Croatica*. 2021;60:173-9.
66. Lovric B, Sijanovic S, Lesin J, Juras J. Diagnostic accuracy of modified Hadlock formula for fetal macrosomia in women with gestational diabetes and pregnancy weight gain above recommended. *Journal of Perinatal Medicine*. 2021;49(7):907-14.
67. Lucijanic M, Krecak I, Galusic D, Sedinic M, Holik H, Perisa V, et al. Higher serum uric acid is associated with higher risks of thrombosis and death in patients with primary myelofibrosis. *Wiener Klinische Wochenschrift*. 2022;134(3-4):97-103.
68. Luetic M, Kretschmar G, Grobe M, Jercic L, Bota I, Ivic V, et al. Sex-specific effects of metformin and liraglutide on renal pathology and expression of connexin 45 and pannexin 1 following long-term high-fat high-sugar diet. *Acta Histochemica*. 2021;123(8).
69. Majnaric LT, Babic F, O'Sullivan S, Holzinger A. AI and Big Data in Healthcare: Towards a More Comprehensive Research Framework for Multimorbidity. *Journal of Clinical Medicine*. 2021;10(4).

70. Majnaric LT, Bosnic Z, Guljas S, Vucic D, Kurevija T, Volaric M, et al. Low Psychological Resilience in Older Individuals: An Association with Increased Inflammation, Oxidative Stress and the Presence of Chronic Medical Conditions. *International Journal of Molecular Sciences*. 2021;22(16).
71. Majnaric LT, Bosnic Z, Kurevija T, Wittlinger T. Cardiovascular risk and aging: the need for a more comprehensive understanding. *Journal of Geriatric Cardiology*. 2021;18(6):462-78.
72. Males J, Mihalj H, Sestak A, Kralik K, Smolic M. Osteopontin Levels in Patients with Squamous Metastatic Head and Neck Cancer. *Medicina-Lithuania*. 2021;57(2).
73. Marinkovic-Radosevic J, Cigrovski Berkovic M, Kruezi E, Bilic-Curcic I, Mrzljak A. Exploring new treatment options for polycystic ovary syndrome: Review of a novel antidiabetic agent SGLT2 inhibitor. *World Journal of Diabetes*. 2021;12(7):932-8.
74. Matic I, Matic IP, Marcikic M, Jurjevic M, Zanko B, Dosen I. Comparison of different out-of-hospital airway management techniques in patients with cardiac arrest in slavonia region. *Acta Clinica Croatica*. 2021;60(4):590-4.
75. Matic J, Jukic M, Ismaili H, Saftic D, Ban Z, Tandaric T, et al. 6-Morpholino- and 6-amino-9-sulfonyl-purine derivatives. Synthesis, computational analysis, and biological activity. *Nucleosides Nucleotides & Nucleic Acids*. 2021;40(4):470-503.
76. Mestrovic T, Sviben M, Zember S, Drenjancevic D. Topical medication as an initial therapeutic option for protruding and non-protruding condylomata acuminata of the distal urethra. *Bmj Case Reports*. 2021;14(9).
77. Miljanovic-Spika I, Madunic MD, Topolovec Z, Kenjeres DK, Vidosavljevic D. Prognostic factors for vulvar cancer. *Acta Clinica Croatica*. 2021;60(1):25-32.
78. Mirkov Z, Rajkovic KM, Stankovic OB, Faj D. The empirical formula for calculating the incident air Kerma in intraoral radiographic imaging. *Dentomaxillofacial Radiology*. 2021;50(8).
79. Miskulin I, Grbic DS, Miskulin M. Doping Attitudes, Beliefs, and Practices among Young, Amateur Croatian Athletes. *Sports*. 2021;9(2).
80. Mlinac-Jerkovic K, Ilic K, Zjalic M, Mandic D, Debeljak Z, Balog M, et al. Who's in, who's out? Re-evaluation of lipid raft residents. *Journal of Neurochemistry*. 2021;158(3):657-72.
81. Molnar V, Matic V, Kodvanj I, Bjelica R, Jelec Z, Hudetz D, et al. Cytokines and Chemokines Involved in Osteoarthritis Pathogenesis. *International Journal of Molecular Sciences*. 2021;22(17).



82. Mujkic R, Mujkic DS, Ilic I, Rodak E, Sumanovac A, Grgic A, et al. Early Childhood Fat Tissue Changes-Adipocyte Morphometry, Collagen Deposition, and Expression of CD163(+) Cells in Subcutaneous and Visceral Adipose Tissue of Male Children. *International Journal of Environmental Research and Public Health*. 2021;18(7).
83. Mustapic M, Glumac Z, Heffer M, Zjalic M, Prolosic I, Masud M, et al. AC/DC magnetic device for safe medical use of potentially harmful magnetic nanocarriers. *Journal of Hazardous Materials*. 2021;409.
84. Neskovic N, Mandic D, Marazi S, Skiljic S, Kristek G, Vinkovic H, et al. Different Pharmacokinetics of Tramadol, O-Demethyltramadol and N-Demethyltramadol in Postoperative Surgical Patients From Those Observed in Medical Patients. *Frontiers in Pharmacology*. 2021;12.
85. Neskovic N, Marazi S, Mandic D, Mraovic B, Skiljic S, Kristek G, et al. Analgesic effect of tramadol is not altered by postoperative systemic inflammation after major abdominal surgery. *Acta Clinica Croatica*. 2021;60(2):268-75.
86. Nossan JS, Sesto I, Stambuk K, Sipic T, Bernat R, Gudelj I, et al. Is the extent of left atrial fibrosis associated with body mass index in patients undergoing pulmonary vein isolation for atrial fibrillation? *Kardiologia Polska*. 2021;79(5):531-8.
87. Olszewska-Czyz I, Kralik K, Prpic J. Biomolecules in Dental Applications: Randomized, Controlled Clinical Trial Evaluating the Influence of Hyaluronic Acid Adjunctive Therapy on Clinical Parameters of Moderate Periodontitis. *Biomolecules*. 2021;11(10).
88. Omazic J, Viljetic B, Ivic V, Kadivnik M, Zibar L, Muller A, et al. Early markers of gestational diabetes mellitus: what we know and which way forward? *Biochemia Medica*. 2021;31(3).
89. Pacaric S, Turk T, Orkic Z, Farcic N, Eric I, Nemic A. The impact of demographic factors on quality of life in women after breast cancer surgery. *Nigerian Journal of Clinical Practice*. 2021;24(1):51-8.
90. Pacaric S, Orkic Z, Eric I, Turk T, Kondza G, Farcic N, et al. Assessment of emotional functioning and self-perception in post mastectomy women. *Psychiatria Danubina*. 2021.
91. Pavlovic O, Hudolin T, Miskulin I, Bulimbasic S, Coric M, Perkovic J, et al. Immunohistochemical Expression of Wnt-4 Protein in Clear Cell Renal Carcinoma. *Journal of Clinical Medicine*. 2021;10(24).

92. Perisa V, Laslo D, Franic-Simic I, Sincic-Petricicevic J. Tetraploid acute promyelocytic leukemia with double translocation t (15,17) PML/RARA: the first case report in Croatia and Europe. *Intractable & Rare Diseases Research*. 2021;10(1):48-51.
93. Perisa V, Laslo D, Maricc L, Zibar L. Perindopril/amlodipine-induced thrombotic microangiopathy. *Turkish Journal of Emergency Medicine*. 2021;21(1):38-41.
94. Petrovic A, Kizivat T, Curcic IB, Smolic R, Smolic M. In Vitro Cell Culture Models of Hyperoxaluric States: Calcium Oxalate and Renal Epithelial Cell Interactions. *Crystals*. 2021;11(7).
95. Petrovic BS, Faj DZ, Markovic MB, Tot AA, Marjanovic MS, Kasabasic MD, et al. Assessment of computed tomography simulators used in radiotherapy treatment planning in serbia, croatia, and bosnia and herzegovina. *Nuclear Technology & Radiation Protection*. 2021;36(1):97-106.
96. Petrovic T, Alves I, Bugada D, Pascual J, Vuckovic F, Skelin A, et al. Composition of the immunoglobulin G glycome associates with the severity of COVID-19. *Glycobiology*. 2021;31(4):372-7.
97. Pojatic D, Pezerovic D, Tolj I, Degmecic D. The differences in biochemical reactants in the acute phase/stage and sleep quality considering the type of vascular access in patients on hemodialysis. *Acta Clinica Croatica*. 2021;60:31-8.
98. Pojatic D, Tolj I, Pezerovic D, Degmecic D. Systematic Review of Alexithymia in the Population of Hemodialysis Patients. *Journal of Clinical Medicine*. 2021;10(13).
99. Popovic Z, Smrecki N, Jovic O, Spoljaric KM, Gaso-Sokac D, Busic V, et al. Ternary palladium(II) complexes with N-benzyliminodiacetic acid derivatives and 2,2'-bipyridine: Preparation, thermogravimetric, vibrational spectroscopic, DFT, NMR studies and biological activity in vitro. *Inorganica Chimica Acta*. 2021;516.
100. Primorac D, Cemerin M, Maticic V, Molnar V, Strbad M, Girandon L, et al. Mesenchymal Stromal Cells: Potential Option for COVID-19 Treatment. *Pharmaceutics*. 2021;13(9).
101. Primorac D, Molnar V, Maticic V, Hudetz D, Jelec Z, Rod E, et al. Comprehensive Review of Knee Osteoarthritis Pharmacological Treatment and the Latest Professional Societies' Guidelines. *Pharmaceutics*. 2021;14(3).
102. Primorac D, Odak L, Peric V, Catic J, Sikic J, Radeljic V, et al. Sudden Cardiac Death- A New Insight Into Potentially Fatal Genetic Markers. *Frontiers in Medicine*. 2021;8.

103. Primorac D, Peric V, Maticic V, Molnar V, Zadro R, Vince A, et al. Rapid COVID-19 Antigen Testing in Croatia: Risk Perception Plays an Important Role in the Epidemic Control. *Frontiers in Public Health*. 2021;9.
104. Primorac D, Stipic SS, Strbad M, Girandon L, Barlic A, Frankic M, et al. Compassionate mesenchymal stem cell treatment in a severe COVID-19 patient: a case report. *Croatian Medical Journal*. 2021;62(3):288-96.
105. Radmilovic G, Popovic-Grle S, Matijelic V, Neskovic N. The influence of depression, anxiety and stress on changes in locomotor parameters in patients who are prone to develop copd. *Psychiatria Danubina*. 2021;33:S167-S.
106. Radovic MK, Ljubicic J, Ocic T, Jukic I, Vuk T. Blood collection failures from a blood establishment perspective. *Transfusion Medicine*. 2021;31(2):88-93.
107. Raguz M, Rotim A, Sajko T, Jurilj M, Splavski B, Rotim K. Microsurgical management of a rare incidental intraventricular meningioma : a case report and relevant literature review. *Acta Clinica Croatica*. 2021;60(1):156-60.
108. Roguljic H, Nincevic V, Bojanic K, Kuna L, Smolic R, Vcev A, et al. Impact of DAA Treatment on Cardiovascular Disease Risk in Chronic HCV Infection: An Update. *Frontiers in Pharmacology*. 2021;12.
109. Rotim K, Kalousek V, Splavski B, Tomasovic S, Rotim A. Hybrid microsurgical and endovascular approach in the treatment of multiple cerebral aneurysms: an illustrative case series in correlation with literature data. *Acta Clinica Croatica*. 2021;60(1):33-40.
110. Rotim K, Kalousek V, Vrban F, Splavski B. Microsurgical management of recurrent intracranial aneurysms following endovascular treatment: a single institution illustrative case series and literature review. *Acta Clinica Croatica*. 2021;60(4):695-702.
111. Rotim K, Splavski B, Vrban F. The safety and efficacy of robot-assisted stereotactic biopsy for brain glioma : earliest institutional experiences and evaluation of literature. *Acta Clinica Croatica*. 2021;60(2):296-303.
112. Rubin VR, Bojanic K, Smolic M, Rubin J, Tabll A, Smolic R. An Update on Efficacy and Safety of Emerging Hepatic Antifibrotic Agents. *Journal of Clinical and Translational Hepatology*. 2021;9(1):60-70.
113. Rutovic S, Kadojic D, Dikanovic M, Solic K, Malojcic B. Prevalence and correlates of post-traumatic stress disorder after ischaemic stroke. *Acta Neurologica Belgica*. 2021;121(2):437-42.

114. Sajko T, Rotim K, Jurilj M, Rotim A, Splavski B, Culina IJ. Surgical and seizure treatment outcomes in adult dysembryoplastic neuroepithelial tumors: a case series. *Acta Clinica Croatica*. 2021;60(4):627-31.
115. Samardzija M, Lojkic M, Macesic N, Valpotic H, Butkovic I, Savoric J, et al. Reproductive immunology in viviparous mammals: evolutionary paradox of interactions among immune mechanisms and autologous or allogeneic gametes and semiallogeneic fetuses (vol 40, pg 353, 2020). *Veterinary Quarterly*. 2021;41(1):152-.
116. Sapina M, Frkovic M, Sestan M, Srsen S, Ovuka A, Batnozc Varga M, et al. Geospatial clustering of childhood IgA vasculitis and IgA vasculitis-associated nephritis. *Annals of the Rheumatic Diseases*. 2021;80(5):610-6.
117. Sapina M, Karmakar CK, Kramaric K, Kosmider M, Garcin M, Brdaric D, et al. Lempel-Ziv complexity of the pNNx statistics - an application to neonatal stress. *Chaos Solitons & Fractals*. 2021;146.
118. Seiwerth S, Milavic M, Vukojevic J, Gojkovic S, Krezic I, Vuletic LB, et al. Stable Gastric Pentadecapeptide BPC 157 and Wound Healing. *Frontiers in Pharmacology*. 2021;12.
119. Sestan M, Kifer N, Frkovic M, Sapina M, Srsen S, Varga MB, et al. Gastrointestinal involvement and its association with the risk for nephritis in IgA vasculitis. *Therapeutic Advances in Musculoskeletal Disease*. 2021;13.
120. Sestan M, Srsen S, Kifer N, Sapina M, Batnozc Varga M, Ovuka A, et al. Persistence and Severity of Cutaneous Manifestations in IgA Vasculitis Is Associated with Development of IgA Vasculitis Nephritis in Children. *Dermatology*. 2022;238(2):340-6.
121. Sikic J, Planinic Z, Maticic V, Friscic T, Molnar V, Jagacic D, et al. COVID-19: The Impact on Cardiovascular System. *Biomedicines*. 2021;9(11).
122. Simic L, Kopacin V, Mumlek I, Butkovic J, Zubcic V. Improved technique of personalised surgical guides generation for mandibular free flap reconstruction using an open-source tool. *European Radiology Experimental*. 2021;5(1).
123. Skoric I, Sapina M, Trutin I, Kramaric K, Skoro I, Laganovic M. Determining the factors that influence blood pressure variability in children with essential hypertension. *Acta Clinica Croatica*. 2021;60:24-30.
124. Skrlec I, Talapko J, Juzbasic M, Steiner R. Sex Differences in Circadian Clock Genes and Myocardial Infarction Susceptibility. *Journal of Cardiovascular Development and Disease*. 2021;8(5).

125. Stupar D, Stevanovic D, Vostanis P, Atilola O, Moreira P, Dodig-Curkovic K, et al. Posttraumatic stress disorder symptoms among trauma-exposed adolescents from low- and middle-income countries. *Child and Adolescent Psychiatry and Mental Health*. 2021;15(1).
126. Stupin A, Cvetko A, Kralik G, Mihalj M, Susnjara P, Kolobaric N, et al. The effect of n-3 polyunsaturated fatty acids-enriched hen eggs consumption on IgG and total plasma protein N-glycosylation in healthy individuals and cardiovascular patients. *Glycobiology*. 2021;31(9):1163-75.
127. Stupin A, Drenjancevic I, Susnjara P, Debeljak Z, Kolobaric N, Jukic I, et al. Is There Association between Altered Adrenergic System Activity and Microvascular Endothelial Dysfunction Induced by a 7-Day High Salt Intake in Young Healthy Individuals. *Nutrients*. 2021;13(5).
128. Talapko J, Peric I, Vulic P, Pustijanac E, Jukic M, Bekic S, et al. Mental Health and Physical Activity in Health-Related University Students during the COVID-19 Pandemic. *Healthcare*. 2021;9(7).
129. Tepes M, Gojkovic S, Krezic I, Zizek H, Vranes H, Madzar Z, et al. Stable Gastric Pentadecapeptide BPC 157 Therapy for Primary Abdominal Compartment Syndrome in Rats. *Frontiers in Pharmacology*. 2021;12.
130. Tomas M, Candrlic M, Juzbasic M, Ivanisevic Z, Matijevec N, Vcev A, et al. Synthetic Injectable Biomaterials for Alveolar Bone Regeneration in Animal and Human Studies. *Materials*. 2021;14(11).
131. Tomic A, Brkic H, Matic A, Tomic S. Unravelling the inhibitory zinc ion binding site and the metal exchange mechanism in human DPP III. *Physical Chemistry Chemical Physics*. 2021;23(23):13267-75.
132. Tomic S, Kuric TG, Popovic Z, Zubonja TM. Fatigue is related to depression in idiopathic dystonia. *Neurological Sciences*. 2022;43(1):373-8.
133. Trnski D, Sabol M, Tomic S, Stefanac I, Mrcela M, Musani V, et al. SHH-N non-canonically sustains androgen receptor activity in androgen-independent prostate cancer cells. *Scientific Reports*. 2021;11(1).
134. Trtica Majnaric L, Guljas S, Bosnic Z, Seric V, Wittlinger T. Neutrophil-to-Lymphocyte Ratio as a Cardiovascular Risk Marker May Be Less Efficient in Women Than in Men. *Biomolecules*. 2021;11(4).

135. Vodanovic M, Lucijanac M, Zupancic Salek S, Pecin I. Prevalence of and risk factors for urolithiasis in Croatian patients with hemophilia. *International Journal of Hematology*. 2021;113(5):656-61.
136. Vranjes IM, Podgornjak M, Milic J, Sijan I, Jakab J, Krajina I, et al. The Croatian version of the Body Image Scale: translation and validation. *Croatian Medical Journal*. 2021;62(6):598-605.
137. Vucic D, Bijelic N, Rodak E, Rajc J, Dumencic B, Belovari T, et al. Right Heart Morphology and Its Association With Excessive and Deficient Cardiac Visceral Adipose Tissue. *Clinical Medicine Insights-Cardiology*. 2021;15.
138. Vukadin S, Khaznadar F, Kizivat T, Vcev A, Smolic M. Molecular Mechanisms of Resistance to Immune Checkpoint Inhibitors in Melanoma Treatment: An Update. *Biomedicines*. 2021;9(7).
139. Vukovic B, Cvetic Z, Bendelja K, Barbir R, Milic M, Dobrosevic B, et al. In vitro study on the immunomodulatory effects of differently functionalized silver nanoparticles on human peripheral blood mononuclear cells. *Journal of Biological Inorganic Chemistry*. 2021;26(7):817-31.
140. Wertheimer V, Grgic I, Zelic Z, Ivandic Z, Koprivicic I, Zelenic M, et al. Biomechanical Analysis of the Gracilis and Superficial Third of the Quadriceps Tendons Concerning MPFL Biomechanics. *Tehnicki Vjesnik-Technical Gazette*. 2021;28(5):1575-81.
141. Zenic L, Polancec D, Hudetz D, Jelec Z, Rod E, Vidovic D, et al. Polychromatic Flow Cytometric Analysis of Stromal Vascular Fraction from Lipoaspirate and Microfragmented Counterparts Reveals Sex-Related Immunophenotype Differences. *Genes*. 2021;12(12).
142. Zidovec-Lepej S, Vilibic-Cavlek T, Barbic L, Ilic M, Savic V, Tabain I, et al. Antiviral Cytokine Response in Neuroinvasive and Non-Neuroinvasive West Nile Virus Infection. *Viruses-Basel*. 2021;13(2).
143. Ziger T, Kopljar M, Bakota B, Milosevic M, Kondza G, Pavic R, et al. Experimental shortening of the radius in the treatment of Kienbock's disease. *Injury-International Journal of the Care of the Injured*. 2021;52:S7-S10.
144. Zjali M, Mustapi M, Glumac Z, Prolosic I, Blazeti S, Vukovi A, et al. Construction of AC/DC magnetic syringe device for stimulated drug release, injection and ejection of nanocarriers and testing cytotoxicity in vitro. *Methodsx*. 2021;8.

145. Zlatar M, Kokot A, Vuletic LB, Masnec S, Kralj T, Perisa MM, et al. BPC 157 as a Therapy for Retinal Ischemia Induced by Retrobulbar Application of L-NAME in Rats. *Frontiers in Pharmacology*. 2021;12.