

Obrazac za prijavu znanstvenih

1. Ime i prezime prvog autora rada	2. Naslov rada	3. Naziv časopisa	4. Godina objave rada	5. DOI
Mateja Toma	Ferrocenoyl-adenines: substituent effects on regioselective acylation	Beilstein journal of organic chemistry	2022	10.3762/bjoc.18.133
Nikolina Kalčec	Transformation of L-DOPA and Dopamine on the Surface of Gold Nanoparticles: An NMR and Computational Study	Inorganic chemistry	2022	10.1021/acs.inorgchem.2c00996
Azra Kugić	Extra Virgin Olive Oil Secoiridoids Modulate the Metabolic Activity of Dacarbazine Pre-Treated and Treatment-Naive Melanoma Cells	Molecules	2022	doi.org/10.3390/molecules27103310
Laura Nižić Nodilo	A Dry Powder Platform for Nose-To-Brain Delivery of Dexamethasone: Formulation Development and Nasal Deposition Studies	Pharmaceutics	2021	10.3390/pharmaceutics13060795
Laura Nižić Nodilo	In situ gelling nanosuspension as an advanced platform for fluticasone propionate nasal delivery	European Journal of Pharmaceutics and Biopharmaceutics	2022	10.1016/j.ejpb.2022.04.009
Mirna Perkušić	Tailoring functional spray-dried powder platform for efficient donepezil nose-to-brain delivery	International Journal of Pharmaceutics	2022	10.1016/j.ijpharm.2022.122038
Ivona Markelić i Iva Hlapčić (dijele prvo autorstvo)	Activation of NLRP3 inflammasome in stable chronic obstructive pulmonary disease	Scientific Reports	2022.	https://doi.org/10.1038/s41598-022-11164-1
Andrea Hulina Tomašković	Extracellular Hsp70 modulates 16HBE cells inflammatory responses to cigarette smoke and bacterial components lipopolysaccharide and lipoteichoic acid	Cell Stress and Chaperones	2022.	https://doi.org/10.1007/s12192-022-01294-w
Tin Weitner	Inner Filter Effect Correction for Fluorescence Measurements in Microplates Using Variable Vertical Axis Focus	Analytical Chemistry	2022.	10.1021/acs.analchem.2c01031
Bisera Jurišić Dukovski i Josip Ljubica	Towards the development of a biorelevant in vitro method for the prediction of nanoemulsion stability on the ocular surface	International Journal of Pharmaceutics	2023.	doi.org/10.1016/j.ijpharm.2023.122622
Jelena Kovačić	Green Solid-Phase (Micro)Extraction of Andrographolides' from Human Plasma Samples Followed by UHPLC-DAD-QqQ-MS/MS Analysis	Separations	2023	https://doi.org/10.3390/separations10020069
Valerija Vujčić Bok	Phytotoxicity of Bisphenol A to Allium cepa Root Cells Is Mediated through Growth Hormone Gibberellic Acid and Reactive Oxygen Species	Molecules	2023.	https://doi.org/10.3390/molecules28052046
Martina Štampar	Combined Toxic Effects of BPA and Its Two Analogues BPAP and BPC in a 3D HepG2 Cell Model	Molecules	2023.	https://doi.org/10.3390/molecules28073085
Daniela Jakšić	Cyclodextrin-Based Displacement Strategy of Sterigmatocystin from Serum Albumin as a Novel Approach for Acute Poisoning Detoxification	International Journal of Molecular Sciences	2023	https://doi.org/10.3390/ijms24054485
Matija Kroppek	Comparative phenolic profiles of monovarietal wines from different Croatian regions	Applied Sciences	2023.	https://doi.org/10.3390/app13053031
Ana Čačić	A Novel Approach for the Treatment of Aerobic Vaginitis: Azithromycin Liposomes-in-Chitosan Hydrogel	Pharmaceutics	2023.	doi: 10.3390/pharmaceutics15051356
Mirna Perkušić	Chitosan-Based Thermogelling System for Nose-to-Brain Donepezil Delivery: Optimising Formulation Properties and Nasal Deposition Profile	Pharmaceutics	2023.	https://doi.org/10.3390/pharmaceutics15061660

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Daniela Amidžić Klarić	Assessment of Physicochemical Parameters and Contaminants in Herbal Dietary Supplements Used in the Treatment of Inflammatory Bowel Disease	Pharmaceuticals	2023	https://doi.org/10.3390/ph16060893
Ivana Perković	Synthesis and Biological Evaluation of New Quinoline and Anthranilic Acid Derivatives as Potential Quorum Sensing Inhibitors	Molecules	2023.	10.3390/molecules28155866
Marina Marinović	Design, synthesis and antiplasmodial evaluation of new amide-, carbamate-, and ureido-type harmicines	Bioorganic & Medicinal Chemistry	2023	10.1016/j.bmc.2023.117468
Vanessa Rogga	Untying the anchor for the lipopolysaccharide: lipid A structural modification systems offer diagnostic and therapeutic options to tackle polymyxin resistance	ARHIV ZA HIGIJENU RADA I TOKSIKOLOGIJU - ARCHIVES OF INDUSTRIAL HYGIENE AND TOXICOLOGY	2023	10.2478/aiht-2023-74-3717
Kristina Pavić	Synthesis, antiproliferative and antiplasmodial evaluation of new chloroquine and mefloquine-based harmiquins	Acta Pharmaceutica	2023	10.2478/acph-2023-0035
David Klarić	Aluminum(III) complexes of aroylhydrazones derived from nicotinic acid hydrazide: MS, UV-Vis and DFT study	Journal of Coordination Chemistry	2023	https://doi.org/10.1080/00958972.2023.2300057
David Klarić	Inclusion complexes of nabumetone with β -cyclodextrins: Spectroscopic, spectrometric and calorimetric studies in solution	Journal of Molecular Liquids	2024	https://doi.org/10.1016/j.molliq.2024.124152
Jasminka Peršec	Effects of epidurally administered dexamedetomidine and dexamethasone on post-operative pain, analgesic requirements, inflammation, and oxidative stress in thoracic surgery	Acta Pharmaceutica	2023.	https://doi.org/10.2478/acph-2023-0040
Lu Turković	Optimisation of dispersive liquid-liquid microextraction for plasma sample preparation in bioanalysis of CDK4/6 inhibitors in therapeutic combinations for breast cancer treatment	Heliyon	2023	doi.org/10.1016/j.heliyon.2023.e18880
Lu Turković	Optimisation of solid-phase extraction and LC-MS/MS analysis of six breast cancer drugs in patient plasma samples	Pharmaceuticals	2023	doi.org/10.3390/ph16101445
Đani Benčić	Oleuropein in olive leaf, branch, and stem extracts: stability and biological activity in human cervical carcinoma and melanoma cells	Acta Pharmaceutica	2023	10.2478/acph-2023-0046
Anita Pokupec Bilić	Impact of anthracycline-based chemotherapy on RB1 gene methylation in peripheral blood leukocytes and biomarkers of oxidative stress and inflammation in sarcoma patients	Clinical and Translational Oncology	2024.	https://doi.org/10.1007/s12094-023-03375-3
Jelena Kovačić	Green Solid-Phase (Micro)Extraction of Andrographolides' from Human Plasma Samples Followed by UHPLC-DAD-QqQ-MS/MS Analysis	MDPI-Separations	2023.	10.3390/separations10020069
Zvonimir Mlinarić	Dispersive liquid-liquid microextraction followed by sweeping micellar electrokinetic chromatography-tandem mass spectrometry for determination of six breast cancer drugs in human plasma	Journal of Chromatography A	2024.	10.1016/j.chroma.2024.464698
Emerik Galić	Functionalization of selenium nanoparticles with olive polyphenols – impact on toxicity and antioxidative activity	Acta Pharmaceutica	2023	10.2478/acph-2023-0036

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Kristina Radić	Preparation of astaxanthin/zeaxanthin-loaded nanostructured lipid carriers for enhanced bioavailability: Characterization-, stability- and permeability study	Acta Pharmaceutica	2023	10.2478/acph-2023-0038
Nikolina Golub	Phyto-Assisted Synthesis of Nanoselenium–Surface Modification and Stabilization by Polyphenols and Pectins Derived from Agricultural Wastes	Foods	2023	10.3390/foods12051117
Dalia Nemanić	Botulinum toxin type A antinociceptive activity in trigeminal regions involves central transcytosis	European Journal of Pharmacology	2024	doi: 10.1016/j.ejphar.2023.176279
Borko, Valentina	Preparation and characterization of iron(III) nitrilotriacetate complex in aqueous solutions for quantitative protein binding experiments	Analytical methods	2023.	10.1039/d3ay01261a
Friganović, Tomislav	Reducing the Inner Filter Effect in Microplates by Increasing Absorbance? Linear Fluorescence in Highly Concentrated Fluorophore Solutions in the Presence of an Added Absorber	Analytical chemistry	2023.	10.1021/acs.analchem.3c01295
Borko, Valentina	Glycoproteomics meets thermodynamics: A calorimetric study of the effect of sialylation and synergistic anion on the binding of iron to human serum transferrin	Journal of inorganic biochemistry	2023.	10.1016/j.jinorgbio.2023.112207
Weitner, Tin	Inner filter effect correction for fluorescence measurements in microplates using variable vertical axis focus	Analytical chemistry	2022.	10.1021/acs.analchem.2c01031
Anja Divković	Effect of Alpha Lipoic Acid Supplementation on Oxidative Stress and Lipid Parameters in Women Diagnosed with Low-Grade Squamous Intraepithelial Lesions (LSILs): A Double-Blind, Randomized, Placebo-Controlled Trial	Antioxidants (Basel)	2023	10.3390/antiox12091670
Frano Vučković	Variability of human Alpha-1-acid glycoprotein N-glycome in a Caucasian population	Glycobiology	2024.	https://doi.org/10.1093/glycob/cwae031
Radwan Joukhadar	Functional Nanostructured Lipid Carrier-Enriched Hydrogels Tailored to Repair Damaged Epidermal Barrier	Gels	2024	https://doi.org/10.3390/gels10070466
Diana Brlek Gorski	Virulence Factors and Susceptibility to Ciprofloxacin, Vancomycin, Triclosan, and Chlorhexidine among Enterococci from Clinical Specimens, Food, and Wastewater	Microorganisms	2024.	https://doi.org/10.3390/microorganisms12091808
Katarina Gugo	Effects of hypoxia and inflammation on hepcidin concentration in non-anaemic COVID-19 patients	Journal of Clinical Medicine	2024.	https://doi.org/10.3390/jcm13113201
Lada Rumora	Assessment of NLRP3 inflammasome activation in patients with chronic obstructive pulmonary disease before and after lung transplantation	Immunologic Research	2024.	10.1007/s12026-024-09497-2
Jelena Torić	Proton-Coupled Electron Transfer and Hydrogen Tunneling in Olive Oil Phenol Reactions	International Journal of Molecular Sciences	2024	10.3390/ijms25126341
Dalia Nemanić	Botulinum toxin type a antinociceptive activity in trigeminal regions involves central transcytosis	European journal of pharmacology	2024	https://doi.org/10.1016/j.ejphar.2023.176279
Tomislav Friganovi'	Protein sialylation affects the pH-dependent binding of ferric ion to human serum transferrin	Dalton Transactions	2024	DOI: 10.1039/d4dt01311e
Robert Kerep	Potential Clinically Relevant Effects of Sialylation on Human Serum AAG-Drug Interactions Assessed by Isothermal Titration Calorimetry: Insight into Pharmacoglycomics?	International Journal of Molecular Sciences	2023	DOI: 10.3390/ijms24108472

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Tino Šeba	Influence of Desialylation on the Drug Binding Affinity of Human Alpha-1-Acid Glycoprotein Assessed by Microscale Thermophoresis	Pharmaceutics	2024	DOI: 10.3390/pharmaceutics16020230
Marija Fabijanec	MicroRNA-193a-3p as a Valuable Biomarker for Discriminating between Colorectal Cancer and Colorectal Adenoma Patients	International Journal of Molecular Sciences	2024.	10.3390/ijms25158156
Mirna Perkušić	Chitosan-Based Thermogelling System for Nose-to-Brain Donepezil Delivery: Optimising Formulation Properties and Nasal Deposition Profile	Pharmaceutics	2023	10.3390/pharmaceutics15061660
Darija Stupin Polančec	Citrinin Provoke DNA Damage and Cell-Cycle Arrest Related to Chk2 and FANCD2 Checkpoint Proteins in Hepatocellular and Adenocarcinoma Cell Lines	Toxins	2024	10.3390/toxins16070321
Gabrijel Zubčić	Regioselective Rearrangement of Nitrogen- and Carbon-Centered Radical Intermediates in the Hofmann–Löffler–Freitag Reaction	The Journal of Physical Chemistry A	2024	https://doi.org/10.1021/acs.jpca.3c07892
Jelena Kovačić	Development and validation of stability-indicating method of etrasimod by HPLC/DAD/MS/MS technique with greenness profiling	Heliyon	2024	10.1016/j.heliyon.2024.e34066
Mateja Toma	Ferrocenoyl-adenines: substituent effects on regioselective acylation	Beilstein Journal of Organic Chemistry	2022	10.3762/bjoc.18.133
Kristina Pavić	Discovery of harmiprimis, harmine-primaquine hybrids, as potent and selective anticancer and antimalarial compounds	Bioorganic & Medicinal Chemistry	2024	https://doi.org/10.1016/j.bmc.2024.117734
Marijana Pocrnić	Inclusion complexes of loratadine with β -cyclodextrin and its derivatives in solution. Integrated spectroscopic, thermodynamic and computational studies	Journal of Molecular Liquids	2024	https://doi.org/10.1016/j.molliq.2024.125515
Marinoviž Marina	Design, synthesis and antiplasmodial evaluation of new amide-, carbamate-, and ureido-type harmicines	Bioorganic & Medicinal Chemistry	2023	10.1016/j.bmc.2023.117468.