## Materials of the Future

1	Aljaž	Škrjanc	Carbonyl functionalized imidazolates as a platform for preparation of nickel-based ZIFs
4	Апа	Šijanec	Analytical method for the determination of artemisinin in encapsulated formulations
5	Апа	Siljanovska	Copper(I) and silver(I) complexes of a bulky NHC ligand
6	Ana	Valenčič	An overview of consolidants for historic materials: Processes and what final characteristic to expect
8	Aneta	Velkova	Properties of porous carbon derived from thermal or microwave pyrolysis for oxygen reaction reduction
13	Eman	Prošić	Plasters with the addition of coal with a new decorative value
17	Iva	Klofutar	Stability testing of Pt-nanoalloy electrocatalysts using high temperature accelerated degradation tests
18	Jan	Hočevar	Characterisation of hydrogels based on cellulose derivatives
23	Kətərinə	Kokalj	How sizable can dipolar interactions be in crystal structures?
34	Maša	Legan	Use of recycled PET plastic particles in mortars for plastic waste reduction
35	Mateja	Кпар	Synthesis and characterization of photocatalytic mesoporous TiO_2-CeO_2 composites
45	Nik	Rus	The need for improved fire safety guidelines for rooftop PV systems
47	Nina	Kovač	Corrosion protection of aluminium using a superhydrophobic coating
52	Rok	Rutar	Molecular Dynamics Simulations for a System of Particles with a Multiple Characteristic Length Potential
58	Tjaša	Likeb	Microscopic analysis of adhesive joint using beech wood
59	Tomaž	Žigon	Preparation of finish on cellulose fibres with nanoparticles of TiO2, Ag and g-C3N4 with antimicrobial and photocatalytic performance
61	Urška	Gazdag	The influence of mix design and curing conditions to the mechanical properties of alkali-activated materials
63	Yusuf	Kurupehlivan	The effect of methyl and butyl methacrylate in the hybrid sol-gel coating on corrosion protection of AA7075-T6
53	Sara	Drvarič Talian	Importance of cell casing choice in lithium metal battery electrochemistry
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