

Lidija Slemenik PerÅje

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

221
citations

1040056

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h-index

1058476

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20
all docs

20
docs citations

20
times ranked

243
citing authors

#	ARTICLE	IF	CITATIONS
1	Rheological Behaviour of Highly Filled Materials for Injection Moulding and Additive Manufacturing: Effect of Particle Material and Loading. Applied Sciences (Switzerland), 2020, 10, 7993.	2.5	38
2	Relation between colour- and phase changes of a leuco dye-based thermochromic composite. Scientific Reports, 2018, 8, 5511.	3.3	32
3	In situ electrochemical AFM, ex situ IR reflection absorption and confocal Raman studies of corrosion processes of AA 2024-T3. Corrosion Science, 2016, 104, 290-309.	6.6	25
4	Use of modified slow tire pyrolysis product as a rejuvenator for aged bitumen. Construction and Building Materials, 2016, 120, 605-616.	7.2	21
5	Rheological and optical properties of solar absorbing paints with POSS-treated pigments. Materials Chemistry and Physics, 2015, 149-150, 368-377.	4.0	16
6	Development of solvent- and water-borne fluoropolymer protective coatings for patina-free bronze discs. Progress in Organic Coatings, 2018, 125, 266-278.	3.9	13
7	Protective coatings for AA 2024 based on cyclotetrasiloxane and various alkoxysilanes. Corrosion Science, 2017, 126, 55-68.	6.6	11
8	Effect of Wood Fiber Loading on the Chemical and Thermo-Rheological Properties of Unrecycled and Recycled Wood-Polymer Composites. Applied Sciences (Switzerland), 2020, 10, 8863.	2.5	11
9	Nano-mesh superstructure in single-walled carbon nanotube/polyethylene nanocomposites, and its impact on rheological, thermal and mechanical properties. Composites Part A: Applied Science and Manufacturing, 2020, 136, 105972.	7.6	11
10	Modelling rheological characteristics of rejuvenated aged bitumen. International Journal of Pavement Engineering, 2022, 23, 1282-1294.	4.4	9
11	Mechanisms of Single-Walled Carbon Nanotube Network Formation and Its Configuration in Polymer-Based Nanocomposites. Macromolecules, 2021, 54, 3334-3346.	4.8	9
12	The role of rheological properties and spraying parameters on the spectral selectivity of Thickness Insensitive Spectrally Selective (TISS) paint coatings. Solar Energy Materials and Solar Cells, 2013, 110, 115-125.	6.2	8
13	Preparation, characterisation and optimisation of lithium battery anodes consisting of silicon synthesised using Laser assisted Chemical Vapour Pyrolysis. Journal of Power Sources, 2015, 273, 380-388.	7.8	5
14	Structural investigation of ormolytes for EC devices: IR spectroscopic characterization and relation between viscoelastic properties, conductivity and optical modulation. Solar Energy Materials and Solar Cells, 2015, 139, 51-64.	6.2	3
15	Rheological Behavior of Spectrally Selective Coatings for Polymeric Solar Absorbers. Coatings, 2022, 12, 388.	2.6	3
16	Tensile properties of mineral fibers determined with Sentmanat extensional rheometer. Construction and Building Materials, 2020, 253, 119215.	7.2	2
17	Long-Term Creep Compliance of Wood Polymer Composites: Using Untreated Wood Fibers as a Filler in Recycled and Neat Polypropylene Matrix. Polymers, 2022, 14, 2539.	4.5	2
18	Raman spectroscopy of fluoropolymer conformal coatings on electronic boards. Electronic Materials Letters, 2014, 10, 935-941.	2.2	1

#	ARTICLE	IF	CITATIONS
19	In-Depth Rheological Characterization of Tungsten Sol-Gel Inks for Inkjet Printing. Coatings, 2022, 12, 112.	2.6	0