

Lucie Zářybnická

List of Publications by Year in descending order

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33
papers

256
citations

933447

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1125743

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g-index

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all docs

33
docs citations

33
times ranked

242
citing authors

#	ARTICLE	IF	CITATIONS
1	Properties enhancement of magnesium phosphate cement by cross-linked polyvinyl alcohol. <i>Ceramics International</i> , 2022, 48, 1947-1955.	4.8	14
2	CaCO ₃ Polymorphs Used as Additives in Filament Production for 3D Printing. <i>Polymers</i> , 2022, 14, 199.	4.5	6
3	Effect of Additives and Print Orientation on the Properties of Laser Sintering-Printed Polyamide 12 Components. <i>Polymers</i> , 2022, 14, 1172.	4.5	16
4	The effect of crosslinking polymer layer on the electrochemical properties of cation-exchange membrane. <i>Materials Research Innovations</i> , 2021, 25, 16-22.	2.3	0
5	The effect of 3D structure design on fire behavior of polyethylene terephthalate glycol containing aluminum hypophosphite and melamine cyanurate. <i>Journal of Applied Polymer Science</i> , 2021, 138, 50072.	2.6	3
6	Effect of One-Sided Surface Charring of Beech Wood on Density Profile and Surface Wettability. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 4086.	2.5	9
7	Surface Characteristics of One-Sided Charred Beech Wood. <i>Polymers</i> , 2021, 13, 1551.	4.5	17
8	Wood adhesives from waste-free recycling depolymerisation of flexible polyurethane foams. <i>Journal of Cleaner Production</i> , 2021, 305, 127142.	9.3	19
9	Design of polymeric binders to improve the properties of magnesium phosphate cement. <i>Construction and Building Materials</i> , 2021, 290, 123202.	7.2	17
10	The effect of 3D printing parameters on electrochemical properties of heterogeneous cation exchange membrane. <i>Rapid Prototyping Journal</i> , 2021, 27, 1538-1547.	3.2	2
11	Lightweight blended building waste in the production of innovative cement-based composites for sustainable construction. <i>Construction and Building Materials</i> , 2021, 299, 123933.	7.2	11
12	Formation, Properties, and Microstructure of a New Steel Slag-Based Phosphate Cement. <i>Journal of Materials in Civil Engineering</i> , 2021, 33, .	2.9	1
13	Effect of Cyclotriphosphazene-Based Curing Agents on the Flame Resistance of Epoxy Resins. <i>Polymers</i> , 2021, 13, 8.	4.5	10
14	Lightweight Concretes with Improved Water and Water Vapor Transport for Remediation of Damp Induced Buildings. <i>Materials</i> , 2021, 14, 5902.	2.9	4
15	Influence of 3D Printing Topology by DMLS Method on Crack Propagation. <i>Materials</i> , 2021, 14, 7483.	2.9	5
16	Study of Different Printing Design Type Polymer Samples Prepared by Additive Manufacturing. <i>Periodica Polytechnica: Chemical Engineering</i> , 2020, 64, 255-264.	1.1	2
17	Study of effect of two sulfonating agents on electrochemical properties of surface-modified polyethersulfone membrane. <i>Journal of Applied Polymer Science</i> , 2020, 137, 48826.	2.6	2
18	Preparation of cation exchange filament for 3D membrane print. <i>Rapid Prototyping Journal</i> , 2020, 26, 1435-1445.	3.2	2

#	ARTICLE	IF	CITATIONS
19	Experimental Measurements of Mechanical Properties of PUR Foam Used for Testing Medical Devices and Instruments Depending on Temperature, Density and Strain Rate. <i>Materials</i> , 2020, 13, 4560.	2.9	15
20	Waterborne hygienic coatings based on self-crosslinking acrylic latex with embedded inorganic nanoparticles: a comparison of nanostructured ZnO and MgO as antibacterial additives. <i>Progress in Organic Coatings</i> , 2020, 147, 105704.	3.9	11
21	Synthesis and application of additives based on trifluoroethoxy-cyclo-phosphazene into polymer nanofibers. <i>Tetrahedron</i> , 2020, 76, 130999.	1.9	2
22	Recycling of rigid polyurethane foam: Micro-milled powder used as active filler in polyurethane adhesives. <i>Journal of Applied Polymer Science</i> , 2020, 137, 49095.	2.6	22
23	Quality Parameters of 3D Print Products by the DMLS Method. <i>Manufacturing Technology</i> , 2019, 19, 209-215.	1.4	9
24	Verification Stability of Anion-Exchange Membrane with Surface Modification with Application in Electrodialysis Process. <i>Periodica Polytechnica: Chemical Engineering</i> , 2018, , .	1.1	2
25	Preparation and Characterization of Cured Epoxy Resin with Hexachloro-cyclo-Triphosphazene. <i>Polymer-Plastics Technology and Engineering</i> , 2017, 56, 153-160.	1.9	4
26	Synthesis and Application of Hexaallylamino-cyclo-triphosphazene as Flame Retardant in Latex Coatings. <i>Polymer-Plastics Technology and Engineering</i> , 2017, 56, 563-571.	1.9	2
27	Fluorine containing self-crosslinking acrylic latexes with reduced flammability and their application as polymer binders for heterogeneous cation-exchange membranes. <i>Journal of Applied Polymer Science</i> , 2017, 134, 45467.	2.6	7
28	Application of Fluorescent Label in Polymer Nanofibers. <i>Advances in Materials Science and Engineering</i> , 2017, 2017, 1-6.	1.8	7
29	Preparation of Two-Layer Anion-Exchange Poly(ethersulfone) Based Membrane: Effect of Surface Modification. <i>International Journal of Polymer Science</i> , 2016, 2016, 1-8.	2.7	5
30	Synthesis of curing agent for epoxy resin based on halogenophosphazene. <i>Journal of Applied Polymer Science</i> , 2016, 133, .	2.6	9
31	Self-crosslinking acrylic latexes with copolymerized flame retardant based on halogenophosphazene derivative. <i>Progress in Organic Coatings</i> , 2016, 101, 322-330.	3.9	10
32	Phenyl-methyl phosphazene derivatives for preparation and modification of hydrophobic properties of polymeric nonwoven textiles. <i>Reactive and Functional Polymers</i> , 2016, 100, 53-63.	4.1	7
33	Electrospinning of Styrene-Ethyl Acrylate Emulsion Copolymers: Exploring the Impact of Polymer Polarity and Glass Transition Temperature on Fiber Formation and Hydrophobicity. <i>Polymer-Plastics Technology and Engineering</i> , 2016, 55, 423-431.	1.9	4