

Andrejs Krauklis

List of Publications by Year in descending order

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37
papers

948
citations

430442

18
h-index

454577

30
g-index

41
all docs

41
docs citations

41
times ranked

752
citing authors

#	ARTICLE	IF	CITATIONS
1	Composite Material Recycling Technologyâ€”State-of-the-Art and Sustainable Development for the 2020s. <i>Journal of Composites Science</i> , 2021, 5, 28.	1.4	156
2	Mechanism of Yellowing: Carbonyl Formation during Hygrothermal Aging in a Common Amine Epoxy. <i>Polymers</i> , 2018, 10, 1017.	2.0	116
3	First-principles investigation of nonmetal doped single-layer BiOBr as a potential photocatalyst with a low recombination rate. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 15354-15364.	1.3	74
4	Bentonite-ionic liquid composites for Congo red removal from aqueous solutions. <i>Journal of Molecular Liquids</i> , 2021, 337, 116373.	2.3	43
5	Timeâ€”Temperatureâ€”Plasticization Superposition Principle: Predicting Creep of a Plasticized Epoxy. <i>Polymers</i> , 2019, 11, 1848.	2.0	41
6	Hygrothermal Aging of Amine Epoxy: Reversible Static and Fatigue Properties. <i>Open Engineering</i> , 2018, 8, 447-454.	0.7	38
7	Modelling of Environmental Ageing of Polymers and Polymer Compositesâ€”Durability Prediction Methods. <i>Polymers</i> , 2022, 14, 907.	2.0	38
8	FeOOH-modified clay sorbents for arsenic removal from aqueous solutions. <i>Environmental Technology and Innovation</i> , 2019, 13, 364-372.	3.0	37
9	Modelling of Environmental Ageing of Polymers and Polymer Compositesâ€”Modular and Multiscale Methods. <i>Polymers</i> , 2022, 14, 216.	2.0	34
10	The effect of temperature and water immersion on the interlaminar shear fatigue of glass fiber epoxy composites using the I-beam method. <i>Composites Science and Technology</i> , 2019, 181, 107703.	3.8	29
11	Near-Infrared Spectroscopic Method for Monitoring Water Content in Epoxy Resins and Fiber-Reinforced Composites. <i>Materials</i> , 2018, 11, 586.	1.3	28
12	Modeling and Risk Analysis of Dam-Break Flooding in a Semi-Arid Montane Watershed: A Case Study of the Yabous Dam, Northeastern Algeria. <i>Water (Switzerland)</i> , 2022, 14, 767.	1.2	26
13	Prediction of Orthotropic Hygroscopic Swelling of Fiber-Reinforced Composites from Isotropic Swelling of Matrix Polymer. <i>Journal of Composites Science</i> , 2019, 3, 10.	1.4	24
14	<sc>FeOOH</sc> and <sc>Mn₈O₁₀Cl₃</sc> modified zeolites for As(V) removal in aqueous medium. <i>Journal of Chemical Technology and Biotechnology</i> , 2017, 92, 1948-1960.	1.6	23
15	Long-Term Hydrolytic Degradation of the Sizing-Rich Composite Interphase. <i>Coatings</i> , 2019, 9, 263.	1.2	23
16	Anisotropic fluid diffusion in carbon fiber reinforced composite rods: Experimental, analytical and numerical study. <i>Marine Structures</i> , 2018, 59, 47-59.	1.6	19
17	Surfactant-Modified Clay Sorbents for the Removal of p-nitrophenol. <i>Clays and Clay Minerals</i> , 2019, 67, 132-142.	0.6	19
18	A novel method for testing and determining ILSS for marine and offshore composites. <i>Composite Structures</i> , 2019, 220, 431-440.	3.1	19

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19	Long-Term Dissolution of Glass Fibers in Water Described by Dissolving Cylinder Zero-Order Kinetic Model: Mass Loss and Radius Reduction. <i>Open Chemistry</i> , 2018, 16, 1189-1199.	1.0	17
20	Dissolution Kinetics of R-Glass Fibres: Influence of Water Acidity, Temperature, and Stress Corrosion. <i>Fibers</i> , 2019, 7, 22.	1.8	16
21	From the Beehives: Identification and Comparison of Physicochemical Properties of Algerian Honey. <i>Resources</i> , 2021, 10, 94.	1.6	16
22	Orthotropic fluid diffusion in composite marine structures. Experimental procedure, analytical and numerical modelling of plates, rods and pipes. <i>Composites Part A: Applied Science and Manufacturing</i> , 2018, 115, 196-205.	3.8	14
23	A Simplistic Preliminary Assessment of Ginstling-Brounstein Model for Solid Spherical Particles in the Context of a Diffusion-Controlled Synthesis. <i>Open Chemistry</i> , 2018, 16, 64-72.	1.0	13
24	Alkali-Activated Metakaolin as a Zeolite-Like Binder for the Production of Adsorbents. <i>Inorganics</i> , 2019, 7, 141.	1.2	12
25	Zero Stress Aging of Glass and Carbon Fibers in Water and Oil – Strength Reduction Explained by Dissolution Kinetics. <i>Fibers</i> , 2019, 7, 107.	1.8	10
26	Comparative study of hydrothermal synthesis routes of zeolite A. <i>Materials Today: Proceedings</i> , 2020, 33, 1984-1987.	0.9	10
27	Multiscale Modelling of Environmental Degradation – First Steps. <i>Solid Mechanics and Its Applications</i> , 2018, , 135-149.	0.1	9
28	Long-term ISO 23936-2 sweet oil ageing of HNBR. <i>Polymer Testing</i> , 2021, 102, 107343.	2.3	8
29	Characterization of Rough PTFE Surfaces by the Modified Wilhelmy Balance Technique. <i>Polymers</i> , 2020, 12, 1528.	2.0	6
30	Modular Paradigm for Composites: Modeling Hydrothermal Degradation of Glass Fibers. <i>Fibers</i> , 2021, 9, 83.	1.8	5
31	Conservation Environments – Effect on the Compressive Strength Behaviour of Wood – Concrete Composites. <i>Materials</i> , 2022, 15, 3572.	1.3	5
32	Modified Ginstling-Brounstein model for wet precipitation synthesis of hydroxyapatite: analytical and experimental study. <i>Acta of Bioengineering and Biomechanics</i> , 2018, 20, 47-57.	0.2	4
33	Influence of Environmental Parameters and Fiber Orientation on Dissolution Kinetics of Glass Fibers in Polymer Composites. <i>Journal of Composites Science</i> , 2022, 6, 210.	1.4	4
34	Use of Synthetic and Natural Zeolites Tailored for As(V) Sorption. , 0, , .		3
35	Predicting multi-axial diffusion of water in laminated composite structural components. <i>Composite Structures</i> , 2021, 261, 113551.	3.1	3
36	Unexpected Precipitation Observed during Arsenic Removal from Water via Sorbent Modified with a Mixed Oxidation State Manganese. <i>International Journal of Applied Science - Research and Review</i> , 2018, 05, .	0.2	1

#	ARTICLE	IF	CITATIONS
37	Predicting environmental ageing of composites: modular approach & multscale modelling. Materials Proceedings, 0, , .	0.2	1