

Thien Vuong Nguyen

List of Publications by Year in descending order

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22
papers

608
citations

687363

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all docs

22
docs citations

22
times ranked

534
citing authors

#	ARTICLE	IF	CITATIONS
1	The Alkaline Resistance of Waterborne Acrylic Polymer/SiO ₂ Nanocomposite Coatings. Journal of Analytical Methods in Chemistry, 2022, 2022, 1-7.	1.6	0
2	Water-Borne ZnO/Acrylic Nanocoating: Fabrication, Characterization, and Properties. Polymers, 2021, 13, 717.	4.5	20
3	Acrylic polymer/TiO ₂ nanocomposite coatings: Mechanism for photo-degradation and solar heat reflective recovery. Materials Chemistry and Physics, 2021, 272, 124984.	4.0	14
4	Study on Microstructure and Properties of the UV Curing Acrylic Epoxy/SiO ₂ Nanocomposite Coating. Journal of Nanomaterials, 2021, 2021, 1-9.	2.7	4
5	Crosslinking, Mechanical Properties, and Antimicrobial Activity of Photocurable Diacrylate Urethane/ZnO-Ag Nanocomposite Coating. Adsorption Science and Technology, 2021, 2021, .	3.2	1
6	Investigation of crosslinking, mechanical properties and weathering stability of acrylic polyurethane coating reinforced by SiO ₂ nanoparticles issued from rice husk ash. Materials Chemistry and Physics, 2020, 241, 122445.	4.0	32
7	Crosslinking process, mechanical and antibacterial properties of UV-curable acrylate/Fe ₃ O ₄ -Ag nanocomposite coating. Progress in Organic Coatings, 2020, 139, 105325.	3.9	20
8	The role of organic and inorganic UV-absorbents on photopolymerization and mechanical properties of acrylate-urethane coating. Materials Today Communications, 2020, 22, 100780.	1.9	15
9	Facile Fabrication of Fe ₃ O ₄ @poly(acrylic Acid Based Ferrofluid with Magnetic Resonance Imaging Contrast Effect. ChemistrySelect, 2020, 5, 12915-12923.	1.5	5
10	Biological Durability, Cytotoxicity and MRI Image Contrast Effects of Chitosan Modified Magnetic Nanoparticles. Journal of Nanoscience and Nanotechnology, 2020, 20, 5338-5348.	0.9	8
11	Influence of organic UV absorber on the accelerated weathering stability of UV curing coating based on acrylate urethane resin. Vietnam Journal of Chemistry, 2020, 58, 173-179.	0.8	0
12	The Synergistic Effects of SiO ₂ Nanoparticles and Organic Photostabilizers for Enhanced Weathering Resistance of Acrylic Polyurethane Coating. Journal of Composites Science, 2020, 4, 23.	3.0	21
13	The role of rutile TiO ₂ nanoparticles on weathering resistance of photocurable acrylate urethane coating. Vietnam Journal of Chemistry, 2020, 58, 314-320.	0.8	2
14	Photocatalytic degradation and heat reflectance recovery of waterborne acrylic polymer/ZnO nanocomposite coating. Journal of Applied Polymer Science, 2020, 137, 49116.	2.6	17
15	Thermal, mechanical and antibacterial properties of water-based acrylic Polymer/SiO ₂ -Ag nanocomposite coating. Materials Chemistry and Physics, 2019, 232, 362-366.	4.0	48
16	Antimicrobial activity of acrylic polyurethane/Fe ₃ O ₄ -Ag nanocomposite coating. Progress in Organic Coatings, 2019, 132, 15-20.	3.9	35
17	Stability of acrylic polyurethane coatings under accelerated aging tests and natural outdoor exposure: The critical role of the used photo-stabilizers. Progress in Organic Coatings, 2018, 124, 137-146.	3.9	57
18	Effect of R-TiO ₂ and ZnO nanoparticles on the UV-shielding efficiency of water-borne acrylic coating. Progress in Organic Coatings, 2017, 110, 114-121.	3.9	76

#	ARTICLE	IF	CITATIONS
19	Antibacterial Nanocomposites Based on Fe ₃ O ₄ Ag Hybrid Nanoparticles and Natural Rubber-Polyethylene Blends. International Journal of Polymer Science, 2016, 2016, 1-9.	2.7	34
20	Effect of rutile titania dioxide nanoparticles on the mechanical property, thermal stability, weathering resistance and antibacterial property of styrene acrylic polyurethane coating. Advances in Natural Sciences: Nanoscience and Nanotechnology, 2016, 7, 045015.	1.5	30
21	Effect of Nanoparticles on the Thermal and Mechanical Properties of Epoxy Coatings. Journal of Nanoscience and Nanotechnology, 2016, 16, 9874-9881.	0.9	89
22	Accelerated degradation of water borne acrylic nanocomposites used in outdoor protective coatings. Polymer Degradation and Stability, 2016, 128, 65-76.	5.8	80