Thien Vuong Nguyen

List of Publications by Year
in descending order

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22	608	687363 13	752698 20
papers	citations	h-index	g-index

22	22	22	534
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Effect of Nanoparticles on the Thermal and Mechanical Properties of Epoxy Coatings. Journal of Nanoscience and Nanotechnology, 2016, 16, 9874-9881.	0.9	89
2	Accelerated degradation of water borne acrylic nanocomposites used in outdoor protective coatings. Polymer Degradation and Stability, 2016, 128, 65-76.	5.8	80
3	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
4	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
5	Thermal, mechanical and antibacterial properties of water-based acrylic Polymer/SiO2â€“Ag nanocomposite coating. Materials Chemistry and Physics, 2019, 232, 362-366.	4.0	48
6	Antimicrobial activity of acrylic polyurethane/Fe3O4-Ag nanocomposite coating. Progress in Organic Coatings, 2019, 132, 15-20.	3.9	35
7	Antibacterial Nanocomposites Based on Fe₃O₄â€“Ag Hybrid Nanoparticles and Natural Rubber-Polyethylene Blends. International Journal of Polymer Science, 2016, 2016, 1-9.	2.7	34
8	Investigation of crosslinking, mechanical properties and weathering stability of acrylic polyurethane coating reinforced by SiO2 nanoparticles issued from rice husk ash. Materials Chemistry and Physics, 2020, 241, 122445.	4.0	32
9	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
10	The Synergistic Effects of Sio2 Nanoparticles and Organic Photostabilizers for Enhanced Weathering Resistance of Acrylic Polyurethane Coating. Journal of Composites Science, 2020, 4, 23.	3.0	21
11	Crosslinking process, mechanical and antibacterial properties of UV-curable acrylate/Fe3O4-Ag nanocomposite coating. Progress in Organic Coatings, 2020, 139, 105325.	3.9	20
12	Water-Borne ZnO/Acrylic Nanocoating: Fabrication, Characterization, and Properties. Polymers, 2021, 13, 717.	4.5	20
13	Photocatalytic degradation and heat reflectance recovery of waterborne acrylic polymer/ZnO nanocomposite coating. Journal of Applied Polymer Science, 2020, 137, 49116.	2.6	17
14	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
15	Acrylic polymer/TiO2 nanocomposite coatings: Mechanism for photo-degradation and solar heat reflective recovery. Materials Chemistry and Physics, 2021, 272, 124984.	4.0	14
16	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
17	Facile Fabrication of Fe₃O₄@poly(acrylic) Acid Based Ferrofluid with Magnetic Resonance Imaging Contrast Effect. ChemistrySelect, 2020, 5, 12915-12923.	1.5	5
18	Study on Microstructure and Properties of the UV Curing Acrylic Epoxy/SiO2 Nanocomposite Coating. Journal of Nanomaterials, 2021, 2021, 1-9.	2.7	4

#	Article	IF	Citations
19	The role of rutile TiO2 nanoparticles on weathering resistance of photocurable acrylate urethane coating. Vietnam Journal of Chemistry, 2020, 58, 314-320.	0.8	2
20	Crosslinking, Mechanical Properties, and Antimicrobial Activity of Photocurable Diacrylate Urethane/ZnO-Ag Nanocomposite Coating. Adsorption Science and Technology, 2021, 2021, .	3.2	1
21	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
22	The Alkaline Resistance of Waterborne Acrylic Polymer/SiO2 Nanocomposite Coatings. Journal of Analytical Methods in Chemistry, 2022, 2022, 1-7.	1.6	0