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List of Publications by Year
in descending order

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36 papers	2,349 citations	236925 25 h-index	345221 36 g-index
36 all docs	36 docs citations	36 times ranked	2437 citing authors

#	ARTICLE	IF	CITATIONS
1	Surface modification of TiO2 nano-particles with silane coupling agent and investigation of its effect on the properties of polyurethane composite coating. Progress in Organic Coatings, 2009, 65, 222-228.	3.9	392
2	Corrosion performance of epoxy coatings containing silane treated ZrO2 nanoparticles on mild steel in 3.5% NaCl solution. Corrosion Science, 2011, 53, 89-98.	6.6	379
3	Corrosion protection of steel by epoxy nanocomposite coatings containing various combinations of clay and nanoparticulate zirconia. Corrosion Science, 2013, 75, 134-141.	6.6	120
4	Evaluation of corrosion performance of a self-healing epoxy-based coating containing linseed oil-filled microcapsules via electrochemical impedance spectroscopy. Progress in Organic Coatings, 2017, 105, 212-224.	3.9	110
5	The adhesion properties and corrosion performance of differently pretreated epoxy coatings on an aluminium alloy. Corrosion Science, 2010, 52, 1948-1957.	6.6	89
6	Synthesis, characterization and enhanced photocatalytic activity of TiO2/SiO2 nanocomposite in an aqueous solution and acrylic-based coatings. Progress in Organic Coatings, 2011, 72, 453-460.	3.9	88
7	Weathering performance of the polyurethane nanocomposite coatings containing silane treated TiO2 nanoparticles. Applied Surface Science, 2011, 257, 4196-4203.	6.1	83
8	Preparation and characterization of linseed oil-filled ureaâ€“formaldehyde microcapsules and their effect on mechanical properties of an epoxy-based coating. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2014, 457, 16-26.	4.7	80
9	Effect of TiO2 on the mechanical and adhesion properties of RTV silicone elastomer coatings. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2008, 317, 80-86.	4.7	74
10	Preparation and characterization of ethyl cellulose-based coreâ€“shell microcapsules containing plant oils. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2012, 394, 74-84.	4.7	73
11	Fluoroalkylsilane treatment of TiO2 nanoparticles in difference pH values: Characterization and mechanism. Advanced Powder Technology, 2012, 23, 428-436.	4.1	72
12	Effect of curing characterization on the corrosion performance of polyester and polyester/epoxy powder coatings. Corrosion Science, 2008, 50, 3280-3286.	6.6	71
13	The effect of micro and nano-sized particles on mechanical and adhesion properties of a clear polyester powder coating. Progress in Organic Coatings, 2013, 76, 1625-1632.	3.9	68
14	Surface analysis and anti-graffiti behavior of a weathered polyurethane-based coating embedded with hydrophobic nano silica. Applied Surface Science, 2012, 258, 4391-4396.	6.1	62
15	Effect of silica nanoparticles surface treatment on in situ polymerization of styreneâ€“butyl acrylate latex. Progress in Organic Coatings, 2013, 76, 1016-1023.	3.9	62
16	Corrosion performance of powder coated aluminium using EIS. Progress in Organic Coatings, 2003, 46, 112-120.	3.9	59
17	Preparation and characterization of pre-silane modified ethyl cellulose-based microcapsules containing linseed oil. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2014, 447, 71-80.	4.7	54
18	Effect of various combinations of zirconia and organoclay nanoparticles on mechanical and thermal properties of an epoxy nanocomposite coating. Composites Part A: Applied Science and Manufacturing, 2012, 43, 2095-2106.	7.6	53

#	Article	IF	Citations
19	Cure characterization of epoxy and polyester clear powder coatings using Differential Scanning Calorimetry (DSC) and Dynamic Mechanical Thermal Analysis (DMTA). Progress in Organic Coatings, 2005, 54, 164-169.	3.9	50
20	Evaluation of the weathering performance of basecoat/clearcoat automotive paint systems by electrochemical properties measurements. Progress in Organic Coatings, 2005, 54, 384-389.	3.9	32
21	Preparation of self-healing acrylic latex coatings using novel oil-filled ethyl cellulose microcapsules. Progress in Organic Coatings, 2015, 85, 168-177.	3.9	30
22	Application of mixture experimental design to optimize formulation and performance of thermoplastic road markings. Progress in Organic Coatings, 2012, 75, 549-559.	3.9	29
23	Mechanical and self-healing properties of a water-based acrylic latex containing linseed oil filled microcapsules: Effect of pre-silanization of microcapsules' shell compound. Composites Part B: Engineering, 2016, 85, 305-314.	12.0	28
24	Preparation of Microcapsules Containing Benzoyl Peroxide Initiator with Gelatin-Gum Arabic/Polyurea-Formaldehyde Shell and Evaluating Their Storage Stability. ACS Applied Materials & Interfaces, 2017, 9, 20818-20825.	8.0	27
25	Polyurethane-based microcapsules containing reactive isocyanate compounds: Study on preparation procedure and solvent replacement. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2017, 529, 750-759.	4.7	26
26	Microencapsulation of quinoline and cerium based inhibitors for smart coating application: Anti-corrosion, morphology and adhesion study. Progress in Organic Coatings, 2019, 137, 105339.	3.9	24
27	Photocatalytic activity of water-based acrylic coatings containing fluorosilane treated TiO2 nanoparticles. Progress in Organic Coatings, 2014, 77, 1325-1335.	3.9	19
28	Amino-silane surface modification of urea-formaldehyde microcapsules containing linseed oil for improved epoxy matrix compatibility. Part I: Optimizing silane treatment conditions. Progress in Organic Coatings, 2019, 136, 105242.	3.9	18
29	Enhancing thermoplastic road-marking paints performance using sustainable rosin ester. Progress in Organic Coatings, 2020, 139, 105454.	3.9	16
30	Adhesive strength of powder coated aluminium substrates. International Journal of Adhesion and Adhesives, 2005, 25, 484-494.	2.9	14
31	Nanocomposite coatings comprising APS-treated linseed oil-embedded polyurea-formaldehyde microcapsules and nanoclay, part 2: Self-healing and corrosion resistance properties. Progress in Organic Coatings, 2020, 142, 105592.	3.9	14
32	Anti-corrosion performance and mechanical properties of epoxy coatings containing microcapsules filled with linseed oil and modified ceria nanoparticles. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2022, 648, 129157.	4.7	14
33	Silane treatment of drop-on glass-beads and their performance in two-component traffic paints. Progress in Organic Coatings, 2021, 156, 106235.	3.9	8
34	Durability and mechanical performance of a photo-catalytic water-based nanocomposite coating. Progress in Organic Coatings, 2017, 112, 254-262.	3.9	7
35	Synthesis of a dual-microcapsule system comprising 2-ethyl hexyl acrylate monomer and benzoyl peroxide initiator and study of their application in capsular adhesives. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2021, 627, 127139.	4.7	3
36	Degradation of pollutants in solid and gas states using waterborne acrylic nanocomposite paints. Building and Environment, 2022, 221, 109327.	6.9	1