

Thiago F Da Conceio

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

22
papers

442
citations

10
h-index

21
g-index

22
ext. papers

499
ext. citations

5.1
avg, IF

3.48
L-index

#	Paper	IF	Citations
22	/ and Carboxylic/Fatty Conversion Coatings 2022 , 279-296		
21	New relations between modification degree, swelling and impedance in anticorrosion chitosan-derivative coatings on magnesium alloy AZ31. <i>Carbohydrate Polymers</i> , 2022 , 119617	10.3	0
20	Tuning the thermal and mechanical properties of PSU by post-polymerization Friedel-Crafts acylation. <i>European Polymer Journal</i> , 2021 , 142, 110111	5.2	1
19	The influence of the crosslinking degree on the corrosion protection properties of chitosan coatings in simulated body fluid. <i>Progress in Organic Coatings</i> , 2019 , 137, 105328	4.8	6
18	A theoretical investigation on the aminolysis of pyromellitic and 1,4,5,8-naphthalenetetracarboxylic dianhydrides. <i>Computational and Theoretical Chemistry</i> , 2019 , 1147, 13-19	2	1
17	Chitosan coatings crosslinked with genipin for corrosion protection of AZ31 magnesium alloy sheets. <i>Carbohydrate Polymers</i> , 2018 , 181, 71-77	10.3	52
16	Poly(lactic acid, maleic anhydride and dicumyl peroxide: NMR study of the free-radical melt reaction product. <i>Polymer Degradation and Stability</i> , 2018 , 155, 1-8	4.7	5
15	Preparation and characterization of acylated polyetherimide. <i>Materials Chemistry and Physics</i> , 2018 , 220, 149-154	4.4	2
14	Conversion coating on magnesium alloy sheet (AZ31) by vanillic acid treatment: Preparation, characterization and corrosion behavior. <i>Journal of Alloys and Compounds</i> , 2018 , 738, 224-232	5.7	30
13	Fluoride conversion coatings for magnesium and its alloys for the biological environment 2015 , 3-21		5
12	Improvement of processing and mechanical properties of polyetherimide by antiplasticization with resorcinol bis(diphenyl phosphate). <i>Journal of Applied Polymer Science</i> , 2014 , 131, n/a-n/a	2.9	3
11	The influence of rigid and flexible monomers on the physical-chemical properties of polyimides. <i>Journal of Applied Polymer Science</i> , 2014 , 131, n/a-n/a	2.9	3
10	Controlled degradation of a magnesium alloy in simulated body fluid using hydrofluoric acid treatment followed by polyacrylonitrile coating. <i>Corrosion Science</i> , 2012 , 62, 83-89	6.8	36
9	Influence of Die Lubricants on Pickling and Conversion Treatment of High-Pressure Die-Cast AM30 Magnesium Alloy. <i>Advanced Engineering Materials</i> , 2012 , 14, 227-235	3.5	4
8	Corrosion protection of magnesium AZ31 alloy using poly(ether imide) [PEI] coatings prepared by the dip coating method: Influence of solvent and substrate pre-treatment. <i>Corrosion Science</i> , 2011 , 53, 338-346	6.8	47
7	Study on the interface of PVDF coatings and HF-treated AZ31 magnesium alloy: Determination of interfacial interactions and reactions with self-healing properties. <i>Corrosion Science</i> , 2011 , 53, 712-719	6.8	32
6	Corrosion protection of magnesium alloy AZ31 sheets by spin coating process with poly(ether imide) [PEI]. <i>Corrosion Science</i> , 2010 , 52, 2066-2079	6.8	74

5	On the degradation mechanism of corrosion protective poly(ether imide) coatings on magnesium AZ31 alloy. <i>Corrosion Science</i> , 2010 , 52, 3155-3157	6.8	19
4	Surface modification of magnesium alloy AZ31 by hydrofluoric acid treatment and its effect on the corrosion behaviour. <i>Thin Solid Films</i> , 2010 , 518, 5209-5218	2.2	85
3	Poly (ether ether ketone) derivatives: Synthetic route and characterization of nitrated and sulfonated polymers. <i>Materials Science and Engineering C</i> , 2009 , 29, 575-582	8.3	14
2	Preparation and characterization of poly(ether ether ketone) derivatives. <i>Journal of the Brazilian Chemical Society</i> , 2008 , 19,	1.5	23
1	Post-polymerization modification of polyetherimide by Friedel-Crafts acylation: Physical-chemical characterization and performance as gas separation membrane. <i>Journal of Applied Polymer Science</i> , 52330-9	2.9	0