

# Thiago F Da Conceio

## List of Publications by Citations

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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	Surface modification of magnesium alloy AZ31 by hydrofluoric acid treatment and its effect on the corrosion behaviour. <i>Thin Solid Films</i> , <b>2010</b> , 518, 5209-5218	2.2	85
21	Corrosion protection of magnesium alloy AZ31 sheets by spin coating process with poly(ether imide) [PEI]. <i>Corrosion Science</i> , <b>2010</b> , 52, 2066-2079	6.8	74
20	Chitosan coatings crosslinked with genipin for corrosion protection of AZ31 magnesium alloy sheets. <i>Carbohydrate Polymers</i> , <b>2018</b> , 181, 71-77	10.3	52
19	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> , <b>2011</b> , 53, 338-346	6.8	47
18	Controlled degradation of a magnesium alloy in simulated body fluid using hydrofluoric acid treatment followed by polyacrylonitrile coating. <i>Corrosion Science</i> , <b>2012</b> , 62, 83-89	6.8	36
17	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> , <b>2011</b> , 53, 712-719	6.8	32
16	Conversion coating on magnesium alloy sheet (AZ31) by vanillic acid treatment: Preparation, characterization and corrosion behavior. <i>Journal of Alloys and Compounds</i> , <b>2018</b> , 738, 224-232	5.7	30
15	Preparation and characterization of poly(ether ether ketone) derivatives. <i>Journal of the Brazilian Chemical Society</i> , <b>2008</b> , 19,	1.5	23
14	On the degradation mechanism of corrosion protective poly(ether imide) coatings on magnesium AZ31 alloy. <i>Corrosion Science</i> , <b>2010</b> , 52, 3155-3157	6.8	19
13	Poly (ether ether ketone) derivatives: Synthetic route and characterization of nitrated and sulfonated polymers. <i>Materials Science and Engineering C</i> , <b>2009</b> , 29, 575-582	8.3	14
12	The influence of the crosslinking degree on the corrosion protection properties of chitosan coatings in simulated body fluid. <i>Progress in Organic Coatings</i> , <b>2019</b> , 137, 105328	4.8	6
11	Fluoride conversion coatings for magnesium and its alloys for the biological environment <b>2015</b> , 3-21		5
10	Polylactic acid, maleic anhydride and dicumyl peroxide: NMR study of the free-radical melt reaction product. <i>Polymer Degradation and Stability</i> , <b>2018</b> , 155, 1-8	4.7	5
9	Influence of Die Lubricants on Pickling and Conversion Treatment of High-Pressure Die-Cast AM30 Magnesium Alloy. <i>Advanced Engineering Materials</i> , <b>2012</b> , 14, 227-235	3.5	4
8	Improvement of processing and mechanical properties of polyetherimide by antiplasticization with resorcinol bis(diphenyl phosphate). <i>Journal of Applied Polymer Science</i> , <b>2014</b> , 131, n/a-n/a	2.9	3
7	The influence of rigid and flexible monomers on the physical-chemical properties of polyimides. <i>Journal of Applied Polymer Science</i> , <b>2014</b> , 131, n/a-n/a	2.9	3
6	Preparation and characterization of acylated polyetherimide. <i>Materials Chemistry and Physics</i> , <b>2018</b> , 220, 149-154	4.4	2

5	A theoretical investigation on the aminolysis of pyromellitic and 1,4,5,8-naphthalenetetracarboxylic dianhydrides. <i>Computational and Theoretical Chemistry</i> , <b>2019</b> , 1147, 13-19	2	1
4	Tuning the thermal and mechanical properties of PSU by post-polymerization Friedel-Crafts acylation. <i>European Polymer Journal</i> , <b>2021</b> , 142, 110111	5.2	1
3	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> , <b>2020</b> , 125, 52330	3.9	0
2	New relations between modification degree, swelling and impedance in anticorrosion chitosan-derivative coatings on magnesium alloy AZ31. <i>Carbohydrate Polymers</i> , <b>2022</b> , 119617	10.3	0
1	/ and Carboxylic/Fatty Conversion Coatings <b>2022</b> , 279-296		