

# Luis Cordero-Arias

## List of Publications by Year in descending order

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13  
papers

681  
citations

840776  
11  
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1125743  
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13  
docs citations

13  
times ranked

982  
citing authors

#	ARTICLE	IF	CITATIONS
1	Alginate/Bioglass® composite coatings on stainless steel deposited by direct current and alternating current electrophoretic deposition. Surface and Coatings Technology, 2013, 233, 49-56.	4.8	81
2	Electrophoretic deposition of nanostructured-TiO <sub>2</sub> /chitosan composite coatings on stainless steel. RSC Advances, 2013, 3, 11247.	3.6	80
3	Electrochemical investigations of magnesium in DMEM with biodegradable polycaprolactone coating as corrosion barrier. Applied Surface Science, 2013, 282, 264-270.	6.1	77
4	Electrophoretic Deposition of Chitosan/h-BN and Chitosan/h-BN/TiO <sub>2</sub> Composite Coatings on Stainless Steel (316L) Substrates. Materials, 2014, 7, 1814-1829.	2.9	61
5	Electrophoretic deposition of ZnO/alginate and ZnO-bioactive glass/alginate composite coatings for antimicrobial applications. Materials Science and Engineering C, 2015, 55, 137-144.	7.3	60
6	Electrophoretic Deposition of Chitosan/45S5 Bioactive Glass Composite Coatings Doped with Zn and Sr. Frontiers in Bioengineering and Biotechnology, 2015, 3, 159.	4.1	59
7	Electrophoretic deposition of organic/inorganic composite coatings containing ZnO nanoparticles exhibiting antibacterial properties. Materials Science and Engineering C, 2017, 77, 780-789.	7.3	57
8	Processing and bioactivity of 45S5 Bioglass®-graphene nanoplatelets composites. Journal of Materials Science: Materials in Medicine, 2014, 25, 1403-1413.	3.6	54
9	Electrophoretic deposition of cellulose nanocrystals (CNs) and CNs/alginate nanocomposite coatings and free standing membranes. Colloids and Surfaces B: Biointerfaces, 2014, 118, 41-48.	5.0	53
10	Electrophoretic deposition of tetracycline hydrochloride loaded halloysite nanotubes chitosan/bioactive glass composite coatings for orthopedic implants. Surface and Coatings Technology, 2017, 327, 146-157.	4.8	52
11	Electrochemical behavior of nanostructured TiO <sub>2</sub> /alginate composite coating on magnesium alloy AZ91D via electrophoretic deposition. Surface and Coatings Technology, 2015, 265, 212-217.	4.8	33
12	Electrophoretic deposition of composite coatings based on alginate matrix/45S5 bioactive glass particles doped with B, Zn or Sr. Surface and Coatings Technology, 2021, 418, 127183.	4.8	13
13	Electrophoretic Deposition of Nanostructured Titania-Bioactive Glass/Alginate Coatings on Stainless Steel. Key Engineering Materials, 2015, 654, 159-164.	0.4	1