

# Luis Cordero-Arias

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5952628/publications.pdf>

Version: 2024-02-01

13  
papers

681  
citations

840119

11  
h-index

1125271

13  
g-index

13  
all docs

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. <i>Surface and Coatings Technology</i> , 2013, 233, 49-56.	2.2	81
2	Electrophoretic deposition of nanostructured-TiO <sub>2</sub> /chitosan composite coatings on stainless steel. <i>RSC Advances</i> , 2013, 3, 11247.	1.7	80
3	Electrochemical investigations of magnesium in DMEM with biodegradable polycaprolactone coating as corrosion barrier. <i>Applied Surface Science</i> , 2013, 282, 264-270.	3.1	77
4	Electrophoretic Deposition of Chitosan/h-BN and Chitosan/h-BN/TiO <sub>2</sub> Composite Coatings on Stainless Steel (316L) Substrates. <i>Materials</i> , 2014, 7, 1814-1829.	1.3	61
5	Electrophoretic deposition of ZnO/alginate and ZnO-bioactive glass/alginate composite coatings for antimicrobial applications. <i>Materials Science and Engineering C</i> , 2015, 55, 137-144.	3.8	60
6	Electrophoretic Deposition of Chitosan/45S5 Bioactive Glass Composite Coatings Doped with Zn and Sr. <i>Frontiers in Bioengineering and Biotechnology</i> , 2015, 3, 159.	2.0	59
7	Electrophoretic deposition of organic/inorganic composite coatings containing ZnO nanoparticles exhibiting antibacterial properties. <i>Materials Science and Engineering C</i> , 2017, 77, 780-789.	3.8	57
8	Processing and bioactivity of 45S5 Bioglass®-graphene nanoplatelets composites. <i>Journal of Materials Science: Materials in Medicine</i> , 2014, 25, 1403-1413.	1.7	54
9	Electrophoretic deposition of cellulose nanocrystals (CNs) and CNs/alginate nanocomposite coatings and free standing membranes. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014, 118, 41-48.	2.5	53
10	Electrophoretic deposition of tetracycline hydrochloride loaded halloysite nanotubes chitosan/bioactive glass composite coatings for orthopedic implants. <i>Surface and Coatings Technology</i> , 2017, 327, 146-157.	2.2	52
11	Electrochemical behavior of nanostructured TiO <sub>2</sub> /alginate composite coating on magnesium alloy AZ91D via electrophoretic deposition. <i>Surface and Coatings Technology</i> , 2015, 265, 212-217.	2.2	33
12	Electrophoretic deposition of composite coatings based on alginate matrix/45S5 bioactive glass particles doped with B, Zn or Sr. <i>Surface and Coatings Technology</i> , 2021, 418, 127183.	2.2	13
13	Electrophoretic Deposition of Nanostructured Titania-Bioactive Glass/Alginate Coatings on Stainless Steel. <i>Key Engineering Materials</i> , 2015, 654, 159-164.	0.4	1