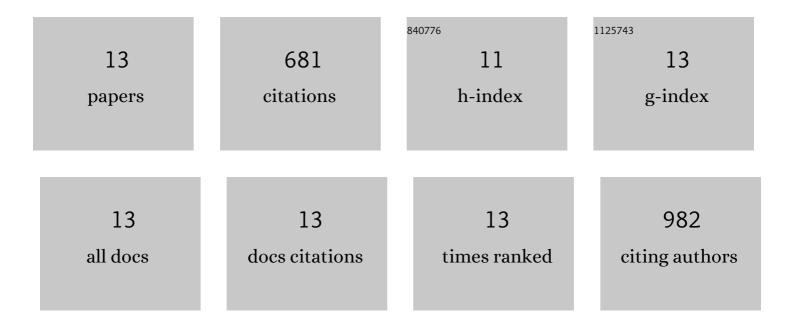
## Luis Cordero-Arias

List of Publications by Year in descending order

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| #  | 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-TiO2/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/TiO2 Composite Coatings on Stainless<br>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<br>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<br>chitosan/bioactive glass composite coatings for orthopedic implants. Surface and Coatings<br>Technology, 2017, 327, 146-157. | 4.8 | 52        |
| 11 | Electrochemical behavior of nanostructured TiO2/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<br>Steel. Key Engineering Materials, 2015, 654, 159-164.   | 0.4 | 1         |