

Jorge A Uribe-Calderon

List of Publications by Year in descending order

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35
papers

1,159
citations

686830

13
h-index

377514

34
g-index

35
all docs

35
docs citations

35
times ranked

1705
citing authors

#	ARTICLE	IF	CITATIONS
1	Phosphorylated avocado seed: A renewable biomaterial for preparing a flame retardant biofiller. <i>Fire and Materials</i> , 2022, 46, 968-980.	0.9	3
2	Effects of natural freeze-thaw treatment on structural, functional, and rheological characteristics of starches isolated from three bitter potato cultivars from the Andean region. <i>Food Hydrocolloids</i> , 2022, 132, 107860.	5.6	9
3	Synthesis of montmorillonite/modified graphene oxide filler and its effect on the properties of PP composites. <i>Polymer Bulletin</i> , 2021, 78, 3443-3457.	1.7	3
4	Effect of polyaniline content on the electrochemical behavior of tin oxide/polyaniline composites by solution mixing. <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 299-312.	1.1	2
5	Characterization of starches obtained from several native potato varieties grown in Cusco (Peru). <i>Journal of Food Science</i> , 2021, 86, 907-914.	1.5	12
6	Controlled release of essential oils using laminar nanoclay and porous halloysite / essential oil composites in a multilayer film reservoir. <i>Microporous and Mesoporous Materials</i> , 2021, 316, 110882.	2.2	29
7	Ceiba pentandra cellulose crosslinked with citric acid for drug release systems. <i>Carbohydrate Research</i> , 2021, 504, 108334.	1.1	11
8	Silanized graphene oxide as a reinforcing agent for acrylic bone cements: physicochemical, mechanical and biological characterization. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2021, 32, 1736-1753.	1.9	4
9	Enhanced electrochemical properties of polypyrrole upon addition of acid-treated palygorskite templates. <i>Materials Chemistry and Physics</i> , 2021, 266, 124551.	2.0	4
10	Antibacterial properties and release kinetics of chlorhexidine diacetate from montmorillonite and palygorskite clays. <i>Journal of Biomaterials Applications</i> , 2020, 34, 1052-1058.	1.2	10
11	Symmetric electrochemical capacitor based on PPy obtained via MnO ₂ reactive template synthesis. <i>Synthetic Metals</i> , 2020, 269, 116541.	2.1	11
12	Effect of Type and Concentration of Nanoclay on the Mechanical and Physicochemical Properties of Bis-GMA/TTEGDMA Dental Resins. <i>Polymers</i> , 2020, 12, 601.	2.0	10
13	Organopalygorskite and Molybdenum Sulfide Combinations to Produce Mechanical and Processing Enhanced Flame-Retardant PE/EVA Blend Composites with Low Magnesium Hydroxide Loading. <i>Journal of Vinyl and Additive Technology</i> , 2020, 26, 434-442.	1.8	13
14	Modification of <i>Ceiba pentandra</i> cellulose for drug release applications. <i>E-Polymers</i> , 2020, 20, 194-202.	1.3	3
15	Effect of magnetite nanoparticles and their surface modification on the mechanical and magnetic properties of silicon-based magnetic elastomer nanocomposite. <i>Polymer Composites</i> , 2019, 40, 3981-3988.	2.3	5
16	Thermo-Oxidative Aging of LDPE/Stearoyl Chloride-Grafted Cellulose Nanocrystals Blown Films. <i>Journal of Polymers and the Environment</i> , 2019, 27, 1226-1239.	2.4	9
17	Electrochemical Assessment of As-Deposited Co(OH) ₂ by Electrochemical Synthesis: The Effect of Synthesis Temperature on Performance. <i>Energies</i> , 2019, 12, 4246.	1.6	3
18	Improvement of fatigue strength and fracture toughness of bone cement by incorporation of aromatic structures to formulations. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2019, 68, 924-930.	1.8	2

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19	Thermo-oxidative aging of low density polyethylene blown films in presence of cellulose nanocrystals and a pro-oxidant additive. <i>Polymer Bulletin</i> , 2018, 75, 3149-3169.	1.7	11
20	The effect of surface modification of Palygorskite on the morphology, mechanical, and thermal properties of Nylon 6/Palygorskite nanocomposites prepared by melt compounding. <i>Polymer Composites</i> , 2018, 39, E1531.	2.3	14
21	Production and Modification of Cellulose Nanocrystals from <i>Agave tequilana</i> Weber Waste and Its Effect on the Melt Rheology of PLA. <i>International Journal of Polymer Science</i> , 2018, 2018, 1-14.	1.2	17
22	Physicochemical characterization of several types of naturally colored cotton fibers from Peru. <i>Carbohydrate Polymers</i> , 2018, 197, 246-252.	5.1	19
23	Synthesis, characterization and chlorhexidine release from either montmorillonite or palygorskite modified organoclays for antibacterial applications. <i>Journal of Drug Delivery Science and Technology</i> , 2018, 46, 452-460.	1.4	25
24	Influence of aramid fiber treatment and carbon nanotubes on the interfacial strength of polypropylene hierarchical composites. <i>Composites Part B: Engineering</i> , 2017, 122, 16-22.	5.9	59
25	Nitrogen-Doped Reduced Graphite Oxide as a Support for CoSe Electrocatalyst for Oxygen Reduction Reaction in Alkaline Media. <i>Journal of the Electrochemical Society</i> , 2017, 164, F658-F666.	1.3	15
26	The effects of carbon nanotubes, blend composition and glycidyl methacrylate-grafted polypropylene compatibilizer on the morphology, mechanical and electrical properties of polypropylene-polyamide 6 blends. <i>Polymer Bulletin</i> , 2017, 74, 1573-1593.	1.7	12
27	Effect of Surface Modification of Palygorskite on the Properties of Polypropylene/Polypropylene-g-Maleic Anhydride/Palygorskite Nanocomposites. <i>International Journal of Polymer Science</i> , 2017, 2017, 1-12.	1.2	11
28	Influence of carbon nanotube on the piezoresistive behavior of multiwall carbon nanotube/polymer composites. <i>Journal of Intelligent Material Systems and Structures</i> , 2016, 27, 92-103.	1.4	47
29	Coupled electro-mechanical properties of multiwall carbon nanotube/polypropylene composites for strain sensing applications. <i>Journal of Materials Science</i> , 2013, 48, 7587-7593.	1.7	37
30	Nanocrystalline cellulose (NCC) reinforced alginate based biodegradable nanocomposite film. <i>Carbohydrate Polymers</i> , 2012, 90, 1757-1763.	5.1	357
31	Preparation and characterization of PET/clay nanocomposites by melt compounding. <i>Polymer Engineering and Science</i> , 2011, 51, 1178-1187.	1.5	33
32	Production and Properties of Nanocellulose-Reinforced Methylcellulose-Based Biodegradable Films. <i>Journal of Agricultural and Food Chemistry</i> , 2010, 58, 7878-7885.	2.4	165
33	Thermally stable phosphonium-montmorillonite organoclays. <i>Applied Clay Science</i> , 2008, 40, 90-98.	2.6	113
34	Polystyrene/Phosphonium Organoclay Nanocomposites by Melt Compounding. <i>International Polymer Processing</i> , 2008, 23, 119-128.	0.3	10
35	Conductivity variation induced by solvent swelling of an elastomer-carbon black-graphite composite. <i>Journal of Applied Polymer Science</i> , 1997, 66, 2221-2232.	1.3	71