

Luis Carlos Rosales Rivera

List of Publications by Year in descending order

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13
papers

273
citations

933447

10
h-index

1125743

13
g-index

14
all docs

14
docs citations

14
times ranked

322
citing authors

#	ARTICLE	IF	CITATIONS
1	Hybrid Methacrylated Gelatin and Hyaluronic Acid Hydrogel Scaffolds. Preparation and Systematic Characterization for Prospective Tissue Engineering Applications. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6758.	4.1	73
2	Electrochemical immunosensor detection of antigliadin antibodies from real human serum. <i>Biosensors and Bioelectronics</i> , 2011, 26, 4471-4476.	10.1	41
3	Amperometric immunosensor for the determination of IgA deficiency in human serum samples. <i>Biosensors and Bioelectronics</i> , 2012, 33, 134-138.	10.1	22
4	Cross-linked enzyme aggregates of recombinant <i>Candida antarctica</i> lipase B for the efficient synthesis of olvanil, a nonpungent capsaicin analogue. <i>Biotechnology Progress</i> , 2019, 35, e2807.	2.6	22
5	Mechanical and Physicochemical Properties of 3D-Printed Agave Fibers/Poly(lactic) Acid Biocomposites. <i>Materials</i> , 2021, 14, 3111.	2.9	19
6	Preparation and characterization of multilayer foamed composite by rotational molding. <i>Polymer Engineering and Science</i> , 2016, 56, 278-286.	3.1	15
7	Optimization of the Obtaining of Cellulose Nanocrystals from Agave tequilana Weber Var. Azul Bagasse by Acid Hydrolysis. <i>Nanomaterials</i> , 2021, 11, 520.	4.1	15
8	Rotational Molding of Poly(Lactic Acid)/Polyethylene Blends: Effects of the Mixing Strategy on the Physical and Mechanical Properties. <i>Polymers</i> , 2021, 13, 217.	4.5	13
9	Development of functional hybrid scaffolds for wound healing applications. <i>IScience</i> , 2022, 25, 104019.	4.1	13
10	Disulfide-modified antigen for detection of celiac disease-associated anti-tissue transglutaminase autoantibodies. <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 3799-3806.	3.7	10
11	A Series of Novel Esters of Capsaicin Analogues Catalyzed by <i>Candida antarctica</i> Lipases. <i>Biotechnology and Bioprocess Engineering</i> , 2020, 25, 94-103.	2.6	8
12	Topical Pirfenidone-Loaded Liposomes Ophthalmic Formulation Reduces Haze Development after Corneal Alkali Burn in Mice. <i>Pharmaceutics</i> , 2022, 14, 316.	4.5	8
13	Adsorption and Interaction of Bovine Serum Albumin and Pluronic P103 Triblock Copolymer on a Gold Electrode: Double-Layer Capacitance Measurements. <i>ACS Omega</i> , 2020, 5, 17347-17355.	3.5	7