

# Josã© Luis Dã¡vila

## List of Publications by Year in descending order

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13  
papers

340  
citations

1163065

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h-index

1125717

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all docs

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docs citations

13  
times ranked

470  
citing authors

#	ARTICLE	IF	CITATIONS
1	Rheological evaluation of Laponite/alginate inks for 3D extrusion-based printing. International Journal of Advanced Manufacturing Technology, 2019, 101, 675-686.	3.0	87
2	Laponite as a rheology modifier of alginate solutions: Physical gelation and aging evolution. Carbohydrate Polymers, 2017, 157, 1-8.	10.2	78
3	Hybrid manufacturing: a review of the synergy between directed energy deposition and subtractive processes. International Journal of Advanced Manufacturing Technology, 2020, 110, 3377-3390.	3.0	52
4	Flavonoid-Enriched Plant-Extract-Loaded Emulsion: A Novel Phytocosmetic Sunscreen Formulation with Antioxidant Properties. Antioxidants, 2019, 8, 443.	5.1	44
5	Rheological studies on nanocrystalline cellulose/alginate suspensions. Journal of Molecular Liquids, 2019, 277, 418-423.	4.9	20
6	Hyaluronic acid and fibrin from L-PRP form semi-IPNs with tunable properties suitable for use in regenerative medicine. Materials Science and Engineering C, 2020, 109, 110547.	7.3	14
7	Structural changes and crosslinking modulated functional properties of oxi-HA/ADH hydrogels useful for regenerative purposes. European Polymer Journal, 2019, 121, 109288.	5.4	13
8	Shear-thinning sacrificial ink for fabrication of Biosilicate® osteoconductive scaffolds by material extrusion 3D printing. Materials Chemistry and Physics, 2022, 287, 126286.	4.0	10
9	A parameterized g-code compiler for scaffolds 3D bioprinting. Bioprinting, 2022, 27, e00222.	5.8	7
10	Characterization and in vitro evaluation of electrospun aligned fiber membranes of poly(L-Lactide, L-Tyrosine) / Overlock 1	2.6	6
11	Novel transdermal bioadhesive surfactant-based system for release and solubility improvement of antimalarial drugs artemether-lumefantrine. Biomedical Materials (Bristol), 2021, 16, 065015.	3.3	6
12	Algorithms-aided design applied to the tool-paths generation for hybrid manufacturing. Manufacturing Letters, 2021, 27, 53-57.	2.2	2
13	Poly (L-Lactic Acid) Cell-Laden Scaffolds Applied on Swine Model of Tracheal Fistula. Journal of Surgical Research, 2022, 277, 319-334.	1.6	1