

Mohammed Elbadawi

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

1,009
citations

567144

15
h-index

610775

24
g-index

25
all docs

25
docs citations

25
times ranked

620
citing authors

#	ARTICLE	IF	CITATIONS
1	Machine learning to empower electrohydrodynamic processing. <i>Materials Science and Engineering C</i> , 2022, 132, 112553.	3.8	12
2	Machine learning predicts the effect of food on orally administered medicines. <i>International Journal of Pharmaceutics</i> , 2022, 611, 121329.	2.6	4
3	Advancing pharmacy and healthcare with virtual digital technologies. <i>Advanced Drug Delivery Reviews</i> , 2022, 182, 114098.	6.6	45
4	Active Machine learning for formulation of precision probiotics. <i>International Journal of Pharmaceutics</i> , 2022, 616, 121568.	2.6	8
5	Current clinical translation of microbiome medicines. <i>Trends in Pharmacological Sciences</i> , 2022, 43, 281-292.	4.0	8
6	Electrochemical biosensors: a nexus for precision medicine. <i>Drug Discovery Today</i> , 2021, 26, 69-79.	3.2	40
7	Advanced machine-learning techniques in drug discovery. <i>Drug Discovery Today</i> , 2021, 26, 769-777.	3.2	78
8	Additive Manufacturable Materials for Electrochemical Biosensor Electrodes. <i>Advanced Functional Materials</i> , 2021, 31, 2006407.	7.8	58
9	Harnessing machine learning for development of microbiome therapeutics. <i>Gut Microbes</i> , 2021, 13, 1-20.	4.3	47
10	Machine Learning Uncovers Adverse Drug Effects on Intestinal Bacteria. <i>Pharmaceutics</i> , 2021, 13, 1026.	2.0	26
11	Harnessing artificial intelligence for the next generation of 3D printed medicines. <i>Advanced Drug Delivery Reviews</i> , 2021, 175, 113805.	6.6	83
12	Connected healthcare: Improving patient care using digital health technologies. <i>Advanced Drug Delivery Reviews</i> , 2021, 178, 113958.	6.6	110
13	Optical biosensors - Illuminating the path to personalized drug dosing. <i>Biosensors and Bioelectronics</i> , 2021, 188, 113331.	5.3	30
14	Disrupting 3D printing of medicines with machine learning. <i>Trends in Pharmacological Sciences</i> , 2021, 42, 745-757.	4.0	62
15	Machine learning predicts 3D printing performance of over 900 drug delivery systems. <i>Journal of Controlled Release</i> , 2021, 337, 530-545.	4.8	89
16	Machine Learning Predicts Drug Metabolism and Bioaccumulation by Intestinal Microbiota. <i>Pharmaceutics</i> , 2021, 13, 2001.	2.0	17
17	Machine Learning and Machine Vision Accelerate 3D Printed Orodispersible Film Development. <i>Pharmaceutics</i> , 2021, 13, 2187.	2.0	21
18	M3DISEEN: A novel machine learning approach for predicting the 3D printability of medicines. <i>International Journal of Pharmaceutics</i> , 2020, 590, 119837.	2.6	131

#	ARTICLE	IF	CITATIONS
19	3D printing tablets: Predicting printability and drug dissolution from rheological data. International Journal of Pharmaceutics, 2020, 590, 119868.	2.6	75
20	Incorporation of HA into porous titanium to form Ti-HA biocomposite foams. Journal of the Mechanical Behavior of Biomedical Materials, 2019, 96, 193-203.	1.5	11
21	Rheological and Mechanical Investigation into the Effect of Different Molecular Weight Poly(ethylene glycol)s on Polycaprolactone-Ciprofloxacin Filaments. ACS Omega, 2019, 4, 5412-5423.	1.6	20
22	Porous hydroxyapatite/bioactive glass hybrid scaffolds fabricated via ceramic honeycomb extrusion. Journal of the American Ceramic Society, 2018, 101, 3541-3556.	1.9	14
23	High strength yttria-reinforced HA scaffolds fabricated via honeycomb ceramic extrusion. Journal of the Mechanical Behavior of Biomedical Materials, 2018, 77, 422-433.	1.5	8
24	Bio-Inspired Climbing Robots in Wet Environments: Recent Trends in Adhesion Methods and Materials. , 2018, , .		9
25	Porous hydroxyapatite scaffolds fabricated from nano-sized powder via honeycomb extrusion. Advanced Materials Letters, 2017, 8, 377-385.	0.3	3