Danilo A Tagle

List of Publications by Year
in descending order

22	1,727	567281 15	642732 23
papers	citations	h-index	g-index

23	23	23	2624
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Organs-on-chips: into the next decade. Nature Reviews Drug Discovery, 2021, 20, 345-361.	46.4	459
2	Biology-inspired microphysiological system approaches to solve the prediction dilemma of substance testing. ALTEX: Alternatives To Animal Experimentation, 2016, 33, 272-321.	1.5	214
3	Biology-inspired microphysiological systems to advance medicines for patient benefit and animal welfare. ALTEX: Alternatives To Animal Experimentation, 2020, 37, 365-394.	1.5	123
4	Tissue chips â€“ innovative tools for drug development and disease modeling. Lab on A Chip, 2017, 17, 3026-3036.	6.0	103
5	Organs-on-chips: Progress, challenges, and future directions. Experimental Biology and Medicine, 2017, 242, 1573-1578.	2.4	78
6	Organs-on-chips (microphysiological systems): tools to expedite efficacy and toxicity testing in human tissue. Experimental Biology and Medicine, 2014, 239, 1073-1077.	2.4	73
7	Navigating tissue chips from development to dissemination: A pharmaceutical industry perspective. Experimental Biology and Medicine, 2017, 242, 1579-1585.	2.4	72
8	The National Institutes of Health Microphysiological Systems Program focuses on a critical challenge in the drug discovery pipeline. Stem Cell Research and Therapy, 2013, 4, I1.	5.5	66
9	The NIH Extracellular RNA Communication Consortium. Journal of Extracellular Vesicles, 2015, 4, 27493.	12.2	60
10	Microphysiological Systems (â€œOrgansâ€onâ€Chipsâ€) for Drug Efficacy and Toxicity Testing. Clinical and Translational Science, 2017, 10, 237-239.	3.1	54
11	Tissue chips to aid drug development and modeling for rare diseases. Expert Opinion on Orphan Drugs, 2016, 4, 1113-1121.	0.8	36
12	Facilitating the commercialization and use of organ platforms generated by the microphysiological systems (Tissue Chip) program through publicâ€“private partnerships. Computational and Structural Biotechnology Journal, 2016, 14, 207-210.	4.1	34
13	The NIH microphysiological systems program: developing in vitro tools for safety and efficacy in drug development. Current Opinion in Pharmacology, 2019, 48, 146-154.	3.5	34
14	Organs-on-a-Chip. Advances in Experimental Medicine and Biology, 2020, 1230, 27-42.	1.6	21
15	Microphysiological Systems: Stakeholder Challenges to Adoption in Drug Development. Cells Tissues Organs, 2022, 211, 269-281.	2.3	16
16	Extracellular RNAs as potential biomarkers for cancer. Journal of Cancer Metastasis and Treatment, 2020, 2020, .	0.8	15
17	Microphysiological Systems (Tissue Chips) and their Utility for Rare Disease Research. Advances in Experimental Medicine and Biology, 2017, 1031, 405-415.	1.6	14
18	Tackling rare diseases: Clinical trials on chips. Experimental Biology and Medicine, 2020, 245, 1155-1162.	2.4	14

#	Article	IF	Citations
19	â€˜You-on-a-chipâ€™ for precision medicine. Expert Review of Precision Medicine and Drug Development, 2018, 3, 137-146.	0.7	13
20	Improved Ocular Tissue Models and Eye-On-A-Chip Technologies Will Facilitate Ophthalmic Drug Development. Journal of Ocular Pharmacology and Therapeutics, 2020, 36, 25-29.	1.4	10
21	Microphysiological systems: What it takes for community adoption. Experimental Biology and Medicine, 2021, 246, 1435-1446.	2.4	10
22	Diagnostic potential of extracellular RNA from biofluids. Expert Review of Molecular Diagnostics, 2016, 16, 1135-1138.	3.1	6