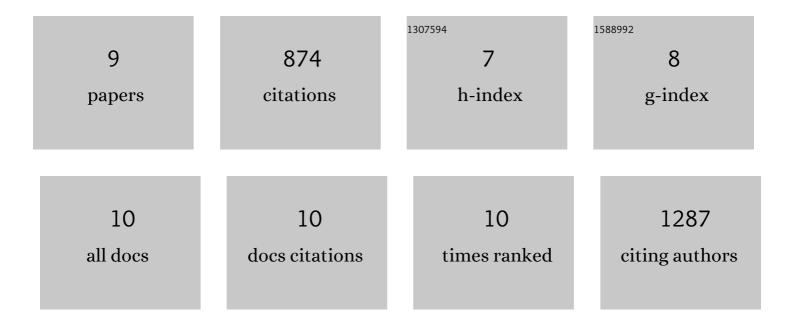
Debarun Das

List of Publications by Year in descending order

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DERADUN DAS

#	Article	IF	CITATIONS
1	Quantitative prediction of human pharmacokinetic responses to drugs via fluidically coupled vascularized organ chips. Nature Biomedical Engineering, 2020, 4, 421-436.	22.5	280
2	Robotic fluidic coupling and interrogation of multiple vascularized organ chips. Nature Biomedical Engineering, 2020, 4, 407-420.	22.5	256
3	Advances in Porous Biomaterials for Dental and Orthopaedic Applications. Materials, 2010, 3, 2947-2974.	2.9	167
4	Physiologically Based Pharmacokinetic and Pharmacodynamic Analysis Enabled by Microfluidically Linked Organs-on-Chips. Annual Review of Pharmacology and Toxicology, 2018, 58, 37-64.	9.4	133
5	Computational approaches for modeling and analysis of human-on-chip systems for drug testing and characterization. Drug Discovery Today, 2016, 21, 1859-1862.	6.4	11
6	An integrated biophysical model for predicting the clinical pharmacokinetics of transdermally delivered compounds. European Journal of Pharmaceutical Sciences, 2021, 167, 105924.	4.0	10
7	A New Level A Type IVIVC for the Rational Design of Clinical Trials Toward Regulatory Approval of Generic Polymeric Long-Acting Injectables. Clinical Pharmacokinetics, 2016, 55, 1179-1190.	3.5	9
8	Characteristics of Fluid Flow through Microchannels. , 2010, , .		3
9	Drug testing and characterization using human-on-chip (HoC) systems: some thoughts on the application of in vitro–in vivo correlation. Drug Discovery Today, 2018, 23, 1571-1573.	6.4	2