

Richard J Allen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6242406/publications.pdf>

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8
papers

158
citations

1478505

6
h-index

1720034

7
g-index

8
all docs

8
docs citations

8
times ranked

189
citing authors

#	ARTICLE	IF	CITATIONS
1	Improving the generation and selection of virtual populations in quantitative systems pharmacology models. <i>Progress in Biophysics and Molecular Biology</i> , 2018, 139, 15-22.	2.9	64
2	Pharmacologic inhibition of ketohexokinase prevents fructose-induced metabolic dysfunction. <i>Molecular Metabolism</i> , 2021, 48, 101196.	6.5	42
3	A Quantitative Systems Pharmacology Perspective on the Importance of Parameter Identifiability. <i>Bulletin of Mathematical Biology</i> , 2022, 84, 39.	1.9	19
4	A mathematical analysis of adaptations to the metabolic fate of fructose in essential fructosuria subjects. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2018, 315, E394-E403.	3.5	10
5	What Can Mathematics Do for Drug Development?. <i>Bulletin of Mathematical Biology</i> , 2019, 81, 3421-3424.	1.9	9
6	Perspectives on the Role of Mathematics in Drug Discovery and Development. <i>Bulletin of Mathematical Biology</i> , 2019, 81, 3425-3435.	1.9	9
7	Analysis of compartments-in-series models of liver metabolism as partial differential equations: the effect of dispersion and number of compartments. <i>Mathematical Biosciences and Engineering</i> , 2019, 16, 1082-1114.	1.9	5
8	A Quantitative Systems Pharmacology Model of Liver Lipid Metabolism for Investigation of Non-Alcoholic Fatty Liver Disease. <i>Frontiers in Pharmacology</i> , 0, 13, .	3.5	0