

# Koyel Chakravarty

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3761417/publications.pdf>

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8  
papers

47  
citations

1684188  
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docs citations

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times ranked

48  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mathematical modelling of liposomal drug release to tumour. <i>Mathematical Biosciences</i> , 2018, 306, 82-96.	1.9	14
2	A Nonlinear Mathematical Model of Drug Delivery from Polymeric Matrix. <i>Bulletin of Mathematical Biology</i> , 2019, 81, 105-130.	1.9	10
3	A two-phase model for drug release from microparticles with combined effects of solubilisation and recrystallisation. <i>Mathematical Biosciences</i> , 2016, 272, 24-33.	1.9	8
4	An analytical study of drug release kinetics from a degradable polymeric matrix. <i>International Journal of Biomathematics</i> , 2018, 11, 1850011.	2.9	5
5	A mathematical model of drug dynamics in an electroporated tissue. <i>Mathematical Biosciences and Engineering</i> , 2021, 18, 8641-8660.	1.9	5
6	An analytical study of drug release to biological tissues through endocytosis. <i>International Journal of Dynamics and Control</i> , 2018, 6, 167-178.	2.5	3
7	Mathematical modeling of drug delivery in tissue cells using electroporation. <i>AIP Conference Proceedings</i> , 2018, , .	0.4	1
8	Stability analysis of drug dynamics model: A mathematical approach. <i>International Journal of Biomathematics</i> , 2019, 12, 1950043.	2.9	1