

Rajesh Kumar

List of Publications by Year in descending order

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9
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2258059

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#	ARTICLE	IF	CITATIONS
1	MOMENT PRESERVING FINITE VOLUME SCHEMES FOR SOLVING POPULATION BALANCE EQUATIONS INCORPORATING AGGREGATION, BREAKAGE, GROWTH AND SOURCE TERMS. <i>Mathematical Models and Methods in Applied Sciences</i> , 2013, 23, 1235-1273.	3.3	35
2	Numerical simulation and convergence analysis of a finite volume scheme for solving general breakage population balance equations. <i>Applied Mathematics and Computation</i> , 2013, 219, 5140-5151.	2.2	29
3	Investigation on agglomeration kinetics of acetaminophen using fluidized bed wet granulation. <i>Asia-Pacific Journal of Chemical Engineering</i> , 2020, 15, e2416.	1.5	8
4	Study of the solution of a semilinear evolution equation of a prion proliferation model in the presence of chaperone in a product space. <i>Mathematical Methods in the Applied Sciences</i> , 2021, 44, 1942-1955.	2.3	3
5	Global classical and weak solutions of the prion proliferation model in the presence of chaperone in a banach space. <i>Evolution Equations and Control Theory</i> , 2022, 11, 1175.	1.3	2
6	Population Balance Modeling with Coupled Agglomeration and Disintegration Processes for TiO ₂ Nanoparticles Formation and Experimental Validation. <i>Journal of Cluster Science</i> , 2021, 32, 1361-1369.	3.3	1
7	Simultaneous estimation of parabens and bisphenol a in ready-to-eat foodstuffs by using QbD-driven high-pressure liquid chromatography method. <i>International Journal of Environmental Analytical Chemistry</i> , 2020, , 1-16.	3.3	1
8	Existence, Uniqueness and Mass Conservation for Safronov-Dubovski Coagulation Equation. <i>Acta Applicandae Mathematicae</i> , 2022, 179, .	1.0	1
9	Weak Solution and Qualitative Behavior of a Prion Proliferation Model in the Presence of Chaperone. <i>Acta Applicandae Mathematicae</i> , 2022, 180, .	1.0	1