Gn Mercer

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/11992409/publications.pdf

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15	346	932766 10	1058022 14
papers	citations	h-index	g-index

15	15	15	261
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Finite difference schemes for multilayer diffusion. Mathematical and Computer Modelling, 2011, 54, 210-220.	2.0	71
2	Critical times in multilayer diffusion. Part 1: Exact solutions. International Journal of Heat and Mass Transfer, 2009, 52, 5776-5783.	2.5	66
3	A Time-Dependent Model of Fire Impact on Seed Survival in Woody Fruits. Australian Journal of Botany, 1994, 42, 71.	0.3	36
4	Flow and deformation in poroelasticityâ€"I unusual exact solutions. Mathematical and Computer Modelling, 1999, 30, 23-29.	2.0	36
5	Critical times in multilayer diffusion. Part 2: Approximate solutions. International Journal of Heat and Mass Transfer, 2009, 52, 5784-5791.	2.5	27
6	Deformation and fluid flow due to a source in a poro-elastic layer. Applied Mathematical Modelling, 1997, 21, 681-689.	2.2	22
7	Combustion pseudo-waves in a system with reactant consumption and heat loss. Mathematical and Computer Modelling, 1996, 24, 29-38.	2.0	19
8	Combustion waves in two dimensions and their one-dimensional approximation. Combustion Theory and Modelling, 1997, 1, 157-165.	1.0	15
9	Flow and deformation in poroelasticityâ€"II numerical method. Mathematical and Computer Modelling, 1999, 30, 31-38.	2.0	14
10	Critical times in single-layer reaction diffusion. International Journal of Heat and Mass Transfer, 2011, 54, 2642-2650.	2.5	14
11	A spatially dependent model for washing wool. Applied Mathematical Modelling, 2008, 32, 389-404.	2.2	9
12	Fire Plumes. , 2001, , 225-255.		9
13	Dynamical analysis of an elementary X + Y â†' P reaction in a continuously stirred tank reactor. Journal of Mathematical Chemistry, 2000, 28, 353-375.	0.7	4
14	Combustion leftovers. Mathematical and Computer Modelling, 2002, 36, 371-377.	2.0	3
15	Numerical simulation of contaminant flow in a wool scour. Mathematical and Computer Modelling, 2007, 46, 499-512.	2.0	1