

Fang Cheng

List of Publications by Year in descending order

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Version: 2024-02-01

6
papers

13
citations

2682572

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2272923

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g-index

7
all docs

7
docs citations

7
times ranked

11
citing authors

#	ARTICLE	IF	CITATIONS
1	Weak solutions and simulations to a new phase-field model with periodic boundary. <i>Applicable Analysis</i> , 2022, 101, 366-381.	1.3	3
2	Global solutions to a phase-field model with logarithmic potential for lithium-ion batteries. <i>Mathematics and Mechanics of Solids</i> , 2022, 27, 3-21.	2.4	1
3	Weak solutions to a model with elasticity energy for electrochemically induced phase transitions in Lithium-Ion batteries. <i>Nonlinear Analysis: Real World Applications</i> , 2021, 59, 103235.	1.7	1
4	Analysis for a new phase-field model with periodic boundary conditions. <i>Mathematical Methods in the Applied Sciences</i> , 2021, 44, 3786-3803.	2.3	1
5	Analysis of weak solutions for the phase-field model for lithium-ion batteries. <i>Applied Mathematical Modelling</i> , 2020, 78, 185-199.	4.2	6
6	The finite element method for fractional diffusion with spectral fractional Laplacian. <i>Mathematical Methods in the Applied Sciences</i> , 2020, 43, 6283-6299.	2.3	1