

# Fang Cheng

## List of Publications by Year in descending order

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2682572

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