RESEARCH & PUBLICATIONS

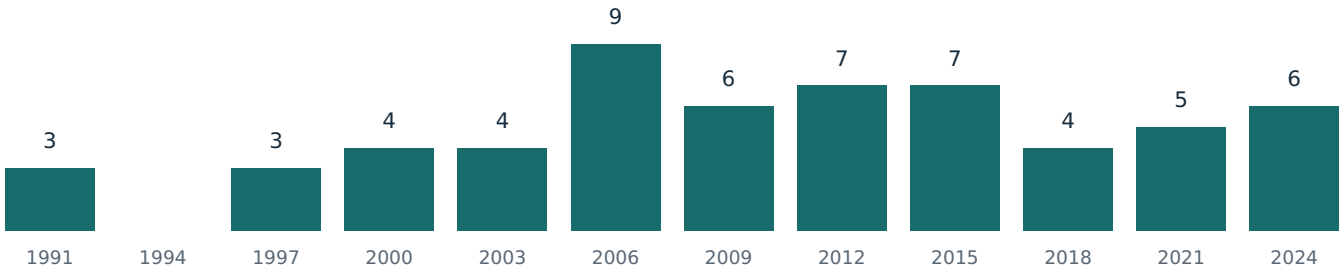
François Alouges

A publication record at a glance

58	1,452	18
ARTICLES	CITATIONS	h-INDEX

PUBLICATION ACTIVITY

Articles grouped into 3-year periods



MOST CITED IN THIS LIST

On Global Weak Solutions for Landau-Lifshitz Equations: Existence and Nonuniqueness — 264
1992 Nonlinear Analysis: Theory, Methods & Applications

Optimal Strokes for Low Reynolds Number Swimmers: An Example — 140
2008 Journal of Nonlinear Science

Convergence of a Finite Element Discretization for the Landau–Lifshitz Equations in Micromagnetism — 113
2006 Mathematical Models and Methods in Applied Sciences

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01	On Global Weak Solutions for Landau-Lifshitz Equations: Existence and Nonuniqueness Nonlinear Analysis: Theory, Methods & Applications · 1992 · 18, 1071-1084 https://exaly.com/article/23586534	264 citations
02	Optimal Strokes for Low Reynolds Number Swimmers: An Example Journal of Nonlinear Science · 2008 · 18, 277-302 https://exaly.com/article/43276095	140 citations
03	Convergence of a Finite Element Discretization for the Landau–Lifshitz Equations in Micromagnetism Mathematical Models and Methods in Applied Sciences · 2006 · 16, 299-316 https://exaly.com/article/41213433	113 citations
04	A New Algorithm for Computing Liquid Crystal Stable Configurations: The Harmonic Mapping Case SIAM Journal on Numerical Analysis · 1997 · 34, 1708-1726 https://exaly.com/article/28131537	109 citations
05	A New Finite Element Scheme for Landau-Lifchitz Equations Discrete and Continuous Dynamical Systems - Series S · 2008 · 1, 187-196 https://exaly.com/article/44916663	101 citations
06	A Convergent and Precise Finite Element Scheme for Landau–Lifschitz–Gilbert Equation Numerische Mathematik · 2014 · 128, 407-430 https://exaly.com/article/58839516	65 citations
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09	Can Magnetic Multilayers Propel Artificial Microswimmers Mimicking Sperm Cells? Soft Robotics · 2015 · 2, 117-128 https://exaly.com/article/62431593	46 citations
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