

# Makoto Mizuguchi

## List of Publications by Year in descending order

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7  
papers

69  
citations

1684188  
5  
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1872680  
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g-index

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docs citations

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times ranked

35  
citing authors

#	ARTICLE	IF	CITATIONS
1	Numerical validation of blow-up solutions of ordinary differential equations. Journal of Computational and Applied Mathematics, 2017, 314, 10-29.	2.0	22
2	Numerical verification for existence of a global-in-time solution to semilinear parabolic equations. Journal of Computational and Applied Mathematics, 2017, 315, 1-16.	2.0	13
3	Estimation of Sobolev embedding constant on a domain dividable into bounded convex domains. Journal of Inequalities and Applications, 2017, 2017, 299.	1.1	12
4	A Method of Verified Computations for Solutions to Semilinear Parabolic Equations Using Semigroup Theory. SIAM Journal on Numerical Analysis, 2017, 55, 980-1001.	2.3	10
5	Sharp numerical inclusion of the best constant for embedding $H^2(\Omega) \hookrightarrow L^9(\Omega)$ . Journal of Computational and Applied Mathematics, 2017, 311, 306-313.	2.0	9
6	Numerical verification of positiveness for solutions to semilinear elliptic problems. JSIAM Letters, 2015, 7, 73-76.	0.5	3
7	On the embedding constant of the Sobolev type inequality for fractional derivatives. Nonlinear Theory and Its Applications IEICE, 2016, 7, 386-394.	0.6	0