

Songtao Xia

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

201
citations

1684188

5
h-index

1720034

7
g-index

9
all docs

9
docs citations

9
times ranked

216
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent Progress in Modeling, Simulation, and Optimization of Polymer Solar Cells. IEEE Journal of Photovoltaics, 2012, 2, 320-340.	2.5	60
2	Isogeometric analysis with BÄ©zier tetrahedra. Computer Methods in Applied Mechanics and Engineering, 2017, 316, 782-816.	6.6	45
3	Isogeometric shape optimization on triangulations. Computer Methods in Applied Mechanics and Engineering, 2018, 331, 585-622.	6.6	38
4	Continuity and convergence in rational triangular BÄ©zierÄspline based isogeometric analysis. Computer Methods in Applied Mechanics and Engineering, 2015, 297, 292-324.	6.6	35
5	Generating high-quality high-order parameterization for isogeometric analysis on triangulations. Computer Methods in Applied Mechanics and Engineering, 2018, 338, 1-26.	6.6	13
6	Direct Numerical Control (NC) Path Generation: From Discrete Points to Continuous Spline Paths. Journal of Computing and Information Science in Engineering, 2012, 12, .	2.7	5
7	Direct NC Path Generation: From Discrete Points to Continuous Spline Paths. , 2011, , .		3
8	Optimal shape for optical absorption in organic thin film solar cells. Structural and Multidisciplinary Optimization, 2014, 50, 437-451.	3.5	2
9	Multi-Physics Topology Optimization for Thermal-Flow Problems Applied to Additively Manufactured Heat Exchangers. , 2021, , .		0