

Abderrahmane Habbal

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

219
citations

1162367

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996533

15
g-index

19
all docs

19
docs citations

19
times ranked

208
citing authors

#	ARTICLE	IF	CITATIONS
1	Game Theory and Its Applications in Imaging and Vision. , 2021, , 1-30.		0
2	A Nash game algorithm for the solution of coupled conductivity identification and data completion in cardiac electrophysiology. Mathematical Modelling of Natural Phenomena, 2019, 14, 201.	0.9	6
3	A Bayesian optimization approach to find Nash equilibria. Journal of Global Optimization, 2019, 73, 171-192.	1.1	10
4	Nash strategies for the inverse inclusion Cauchy-Stokes problem. Inverse Problems and Imaging, 2019, 13, 827-862.	0.6	4
5	A metamodel-based multicriteria shape optimization process for an aerosol can. AEJ - Alexandria Engineering Journal, 2018, 57, 1905-1915.	3.4	4
6	Numerical simulation of the fractional flow reserve (FFR). Mathematical Modelling of Natural Phenomena, 2018, 13, 57.	0.9	4
7	Pedestrian motion modelled by Fokker-Planck Nash games. Royal Society Open Science, 2017, 4, 170648.	1.1	21
8	Fisher-KPP with time dependent diffusion is able to model cell-sheet activated and inhibited wound closure. Mathematical Biosciences, 2017, 292, 36-45.	0.9	4
9	Kriging surrogates for evolutionary multi-objective optimization of CPU intensive sheet metal forming applications. International Journal of Material Forming, 2015, 8, 469-480.	0.9	16
10	Improving the mechanical performances of a multilayered plate with the orientations of its layers of fibers. Computers and Mathematics With Applications, 2015, 70, 1817-1829.	1.4	1
11	Multicriteria shape design of a sheet contour in stamping. Journal of Computational Design and Engineering, 2014, 1, 187-193.	1.5	8
12	Assessing the ability of the 2D Fisher-KPP equation to model cell-sheet wound closure. Mathematical Biosciences, 2014, 252, 45-59.	0.9	16
13	A Nash-game approach to joint image restoration and segmentation. Applied Mathematical Modelling, 2014, 38, 3038-3053.	2.2	19
14	Modeling actin cable contraction. Computers and Mathematics With Applications, 2012, 64, 310-321.	1.4	15
15	A mathematical model for dorsal closure. Journal of Theoretical Biology, 2011, 268, 105-119.	0.8	31
16	Multidisciplinary topology optimization solved as a Nash game. International Journal for Numerical Methods in Engineering, 2004, 61, 949-963.	1.5	38
17	An effective model for Lipschitz wrinkled arches. Journal of Mathematical Analysis and Applications, 2003, 285, 155-173.	0.5	2
18	Nonsmooth Shape Optimization Applied to Linear Acoustics. SIAM Journal on Optimization, 1998, 8, 989-1006.	1.2	14

#	ARTICLE	IF	CITATIONS
19	Theoretical and Numerical Study of Nonsmooth Shape Optimization Applied to the Arch Problem. Mechanics Based Design of Structures and Machines, 1992, 20, 93-117.	0.6	6