

Ramana Grandhi

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

305
citations

1684188

5
h-index

1872680

6
g-index

12
all docs

12
docs citations

12
times ranked

188
citing authors

#	ARTICLE	IF	CITATIONS
1	Configuration design of a lightweight torpedo subjected to an underwater explosion. International Journal of Impact Engineering, 2009, 36, 343-351.	5.0	14
2	System Level Optimization of Undersea Vehicles Subject to Mission Performance. , 2008, , .		0
3	Gradient projection for reliability-based design optimization using evidence theory. Engineering Optimization, 2008, 40, 923-935.	2.6	46
4	Optimum design of a supercavitating torpedo considering overall size, shape, and structural configuration. International Journal of Solids and Structures, 2006, 43, 642-657.	2.7	24
5	Structural response and optimization of a supercavitating torpedo. Finite Elements in Analysis and Design, 2005, 41, 563-582.	3.2	22
6	Modeling, Analysis, and Uncertainty Quantification of a Lightweight Torpedo Design. Naval Engineers Journal, 2004, 116, 23-36.	0.1	1
7	An effective two-point function approximation for design optimization. , 1998, , .		3
8	Improved two-point function approximations for design optimization. , 1995, , .		0
9	Multi-point constraint approximation in structural optimization. , 1994, , .		1
10	RELIABILITY BASED STRUCTURAL OPTIMIZATION: A SIMPLIFIED SAFETY INDEX APPROACH. , 1993, , .		1
11	Structural optimization with frequency constraints - A review. AIAA Journal, 1993, 31, 2296-2303.	2.6	193
12	Quantifying the Effect of 3D Spatial Resolution on the Accuracy of Microstructural Distributions. , 0, , 49-59.		0