Rui Guo

List of Publications by Year
in descending order

12 papers	65 citations

1684188

5 h-index	

1588992

8 g-index

12 all docs	12 docs citations	12 times ranked	56 citing authors

#	Article	IF	Citations
1	Dynamic response of composite sandwich structures with the honeycomb-foam hybrid core subjected to underwater shock waves: Numerical simulations. Journal of Composite Materials, 2022, 56, 911-928.	2.4	3
2	Quasi-static compressive strength of polymethacrylimide foam-filled square carbon fiber reinforced composite honeycombs. Journal of Sandwich Structures and Materials, 2021, 23, 2358-2374.	3.5	15
3	Determination of the JWL Parameters of Detonation Products Using Adaptive Genetic Algorithm. Propellants, Explosives, Pyrotechnics, 2020, 45, 1920-1930.	1.6	9
4	The mass distribution of behind-armor debris generated during the normal penetration of variable cross-section explosive formed projectile on rolled homogeneous armor steel. International Journal of Impact Engineering, 2019, 129, 12-25.	5.0	4
5	Analysis of the mass of behind-armor debris generated by RHA subjected to normal penetration of variable cross-section EFP. Defence Technology, 2019, 15, 390-397.	4.2	5
6	Numerical Investigation on Water Blast Response of Freestanding Carbon Fiber Reinforced Composite Sandwich Plates with Square Honeycomb Cores. Applied Composite Materials, 2019, 26, 605-625.	2.5	11
7	Analysis of the distribution of BAD generated during the normal penetration of a variable cross-section EFP on RHA. , 2019, , .		0
8	Study on Shaped Charge Jet Initiation of Solid Rocket Motors. , 2019, , .		0
9	A collision-free motion planning method by integrating complexity-reduction SLAM and learning-based artificial force design. Robotics and Autonomous Systems, 2018, 100, 132-149.	5.1	7
10	Full‐field Peak Pressure Prediction of Shock Waves from Underwater Explosion of Cylindrical Charges. Propellants, Explosives, Pyrotechnics, 2017, 42, 912-920.	1.6	9
11	Design of a fast echo matching algorithm to reduce crosstalk with Doppler shifts in ultrasonic ranging. Measurement Science and Technology, 2017, 28, 025103.	2.6	2
12	A prediction model for two-dimensional pressure distribution from underwater shock wave focusing by an ellipsoidal reflector. Journal of the Acoustical Society of America, 2016, 140, 4506-4516.	1.1	0