

Xiao He

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6165118/publications.pdf>

Version: 2024-02-01

10
papers

227
citations

1307594

7
h-index

1372567

10
g-index

10
all docs

10
docs citations

10
times ranked

144
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermal transparency with the concept of neutral inclusion. <i>Physical Review E</i> , 2013, 88, 033201.	2.1	74
2	Illusion thermodynamics: A camouflage technique changing an object into another one with arbitrary cross section. <i>Applied Physics Letters</i> , 2014, 105, .	3.3	50
3	Design of two-dimensional open cloaks with finite material parameters for thermodynamics. <i>Applied Physics Letters</i> , 2013, 102, 211912.	3.3	34
4	Dynamic responses of aerothermoelastic functionally graded CNT reinforced composite panels in supersonic airflow subjected to low-velocity impact. <i>Composites Part B: Engineering</i> , 2018, 149, 99-109.	12.0	29
5	Ellipsoidal bifunctional thermal-electric transparent device. <i>Composite Structures</i> , 2020, 234, 111717.	5.8	11
6	A bilayer thermal-electric camouflage device suitable for a wide range of natural materials. <i>Composite Structures</i> , 2021, 261, 113319.	5.8	9
7	Transient experimental demonstration of an elliptical thermal camouflage device. <i>Scientific Reports</i> , 2017, 7, 16671.	3.3	7
8	Design of two dimensional nonsingular internal-external cloaks with arbitrary cross-section. <i>Science China: Physics, Mechanics and Astronomy</i> , 2013, 56, 1373-1383.	5.1	5
9	Three-dimensional thermal illusion devices with arbitrary shape*. <i>Chinese Physics B</i> , 2019, 28, 064403.	1.4	5
10	Experimental Evidence of the Thermal Cloak Based on the Path Design of the Heat Flux. <i>Journal of Heat Transfer</i> , 2018, 140, .	2.1	3