

Darren

List of Publications by Year in descending order

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16
papers

96
citations

1478505

6
h-index

1372567

10
g-index

16
all docs

16
docs citations

16
times ranked

51
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of a modular mixed-radiation directional rotating scatter mask detection system. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2021, 987, 164820.	1.6	7
2	Regenerative neural network for rotating scatter mask radiation imaging. Radiation Measurements, 2021, 143, 106565.	1.4	2
3	Impact of neutron energy on asteroid deflection performance. Acta Astronautica, 2021, 183, 29-42.	3.2	4
4	Multi-objective genetic algorithm optimization of a directionally sensitive radiation detection system using a surrogate transport model. Engineering Applications of Artificial Intelligence, 2021, 104, 104357.	8.1	9
5	ATHENA: A unique radiation environment platform at the National Ignition Facility. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2021, 1016, 165777.	1.6	4
6	Characterization of novel rotating scatter mask designs for gamma direction identification. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2020, 954, 161232.	1.6	4
7	Maximum likelihood reconstructions for rotating scatter mask imaging. Radiation Measurements, 2020, 137, 106441.	1.4	6
8	Neutron Energy Effects on Asteroid Deflection. , 2020, , .		0
9	Monte Carlo and experimental analysis of a novel directional rotating scatter mask gamma detection system. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 947, 162698.	1.6	4
10	Rotating scatter mask optimization for gamma source direction identification. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2018, 901, 104-111.	1.6	10
11	Hybrid modal damping identification for bladed disks and blisks. JVC/Journal of Vibration and Control, 2014, 20, 51-65.	2.6	5
12	Structural Damping Identification for Mistuned Bladed Disks and Blisks. Journal of Vibration and Acoustics, Transactions of the ASME, 2012, 134, .	1.6	8
13	Damping Identification for Mistuned Blisks. , 2010, , .		2
14	Testing and Calibration Procedures for Mistuning Identification and Traveling Wave Excitation of Blisks. Journal of Engineering for Gas Turbines and Power, 2010, 132, .	1.1	30
15	Testing and Calibration Procedures for Mistuning Identification and Traveling Wave Excitation of Blisks. , 2009, , .		0
16	Space to Air High-Altitude Region Adjoint Neutron Transport. Journal of Defense Modeling and Simulation, 0, , 154851292110316.	1.7	1