

Michael Donovan

List of Publications by Year in descending order

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28
papers

829
citations

933447

10
h-index

888059

17
g-index

28
all docs

28
docs citations

28
times ranked

1103
citing authors

#	ARTICLE	IF	CITATIONS
1	Quasi-monoenergetic laser-plasma acceleration of electrons to 2â€%GeV. Nature Communications, 2013, 4, 1988.	12.8	514
2	High e^+/e^- Ratio Dense Pair Creation with 1021W.cm ² Laser Irradiating Solid Targets. Scientific Reports, 2015, 5, 13968.	3.3	59
3	<p> High Energy Astrophysical S Factor for the </p> He		

#	ARTICLE	IF	CITATIONS
19	Spectral shaping of a 5â€%Hz, multi-joule OPCPA frontend for a 10â€%â€%PW laser system. , 2019, , .		2
20	A laser application to nuclear astrophysics. , 2014, , .		1
21	GeV Electrons and High brightness Betatron X-rays from Petawatt-Laser-Driven Plasma Accelerators. , 2014, , .		1
22	Betatron x-rays from GeV laser-plasma-accelerated electrons. AIP Conference Proceedings, 2016, , .	0.4	1
23	Temperature Measurements of Cluster Fusion Plasmas using D-3He or CD4-3He mixtures on the Texas Petawatt. , 2012, , .		1
24	Pulse Contrast Measurements of the Texas Petawatt Laser. , 2014, , .		0
25	SINGLE ATOM-FIELD COUPLED QUANTUM OSCILLATORS. , 1989, , 153-156.		0
26	Production of tens-of-MeV Compton gamma-rays from a 2 GeV laser-plasma electron accelerator. , 2016, , .		0
27	Faraday Rotation Probe of Laser-Plasma Bubble Structures in Petawatt-Driven Wakes. , 2017, , .		0
28	A Pulse Length and Intensity Study of Proton Generation from Microtube Foil Targets. , 2022, , .		0