

Mohammed Hassan

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

2,073
citations

933447

10
h-index

1281871

11
g-index

18
all docs

18
docs citations

18
times ranked

1987
citing authors

#	ARTICLE	IF	CITATIONS
1	Attosecond light field synthesis. APL Photonics, 2022, 7, .	5.7	18
2	Attosecond electron motion control in dielectric. Nature Photonics, 2022, 16, 33-37.	31.4	44
3	Attomicroscopy: from femtosecond to attosecond electron microscopy. Journal of Physics B: Atomic, Molecular and Optical Physics, 2018, 51, 032005.	1.5	33
4	Attomicroscopy: attosecond electron microscopy. , 2018, , .		0
5	Imaging rotational dynamics of nanoparticles in liquid by 4D electron microscopy. Science, 2017, 355, 494-498.	12.6	74
6	High-temporal-resolution electron microscopy for imaging ultrafast electron dynamics. Nature Photonics, 2017, 11, 425-430.	31.4	90
7	Efficient broadband highly dispersive HfO ₂ /SiO ₂ multilayer mirror for pulse compression in near ultraviolet. Optics Express, 2016, 24, 13628.	3.4	5
8	Optical attosecond pulses and tracking the nonlinear response of bound electrons. Nature, 2016, 530, 66-70.	27.8	346
9	Extreme ultraviolet high-harmonic spectroscopy of solids. Nature, 2015, 521, 498-502.	27.8	648
10	Photon gating in four-dimensional ultrafast electron microscopy. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 12944-12949.	7.1	34
11	Synthesis of isolated optical attosecond pulses. , 2013, , .		0
12	Isolated optical attosecond pulses. , 2013, , .		4
13	Attosecond physics with Synthesized Transients of Light. , 2012, , .		0
14	Invited Article: Attosecond photonics: Synthesis and control of light transients. Review of Scientific Instruments, 2012, 83, 111301.	1.3	166
15	Synthesized Light Transients. Science, 2011, 334, 195-200.	12.6	606
16	Attosecond electronic delay response in dielectric materials. Faraday Discussions, 0, 237, 317-326.	3.2	3