

Kenneth J Chau

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

408
citations

1478505

6
h-index

1199594

12
g-index

17
all docs

17
docs citations

17
times ranked

543
citing authors

#	ARTICLE	IF	CITATIONS
1	Superlens coupling to object and image: A secondary resonance mechanism to improve single-negative imaging of electromagnetic waves. Journal of Applied Physics, 2021, 129, 163102.	2.5	3
2	Electromagnetic radiation pressure at the liquid-vapour interface. , 2020, , .		1
3	Isolated detection of elastic waves driven by the momentum of light. Nature Communications, 2018, 9, 3340.	12.8	38
4	Boosting the Transparency of Thin Layers by Coatings of Opposing Susceptibility: How Metals Help See Through Dielectrics. Scientific Reports, 2016, 6, 20659.	3.3	6
5	Electromagnetic origins of negative refraction in coupled plasmonic waveguide metamaterials. Physical Review B, 2016, 94, .	3.2	4
6	What does the ashkin-dziedzic experiment reveal about the electromagnetic force density in matter?. , 2015, , .		0
7	A general flat lens criterion. , 2015, , .		0
8	Simulations of radiation pressure experiments narrow down the energy and momentum of light in matter. Reports on Progress in Physics, 2015, 78, 122401.	20.1	44
9	Real-k-space analysis of electromagnetic waves in a plasmonic waveguide metamaterial. , 2015, , .		0
10	FOURIER-DOMAIN ELECTROMAGNETIC WAVE THEORY FOR LAYERED METAMATERIALS OF FINITE EXTENT. Progress in Electromagnetics Research M, 2014, 40, 45-56.	0.9	1
11	Flat lens criterion by small-angle phase. Optics Express, 2014, 22, 29340.	3.4	5
12	Band diagrams of layered plasmonic metamaterials. Journal of Applied Physics, 2014, 116, 173101.	2.5	5
13	All-angle negative refraction and active flat lensing of ultraviolet light. Nature, 2013, 497, 470-474.	27.8	277
14	Revisiting the Balazs thought experiment in the case of a left-handed material: electromagnetic-pulse-induced displacement of a dispersive, dissipative negative-index slab. Optics Express, 2012, 20, 10138.	3.4	14
15	Revisiting the Balazs thought experiment in the presence of loss: electromagnetic-pulse-induced displacement of a positive-index slab having arbitrary complex permittivity and permeability. Applied Physics A: Materials Science and Processing, 2011, 105, 267-281.	2.3	6
16	Investigation of the chiral origins of electromagnetic activity. Optics Letters, 2010, 35, 1187.	3.3	4