

Kenneth J Chau

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11625877/publications.pdf>

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