

Erick Ulin-Avila

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9143387/publications.pdf>

Version: 2024-02-01

12
papers

5,773
citations

1040056

9
h-index

1281871

11
g-index

12
all docs

12
docs citations

12
times ranked

7801
citing authors

#	ARTICLE	IF	CITATIONS
1	A graphene-based broadband optical modulator. <i>Nature</i> , 2011, 474, 64-67.	27.8	2,956
2	Three-dimensional optical metamaterial with a negative refractive index. <i>Nature</i> , 2008, 455, 376-379.	27.8	2,007
3	High-Q surface-plasmon-polariton whispering-gallery microcavity. <i>Nature</i> , 2009, 457, 455-458.	27.8	422
4	Maskless Plasmonic Lithography at 22-nm Resolution. <i>Scientific Reports</i> , 2011, 1, 175.	3.3	158
5	Observation of Stimulated Emission of Surface Plasmon Polaritons. <i>Nano Letters</i> , 2008, 8, 3998-4001.	9.1	157
6	Coverage and nearest-neighbor dependence of adsorbate diffusion. <i>Journal of Chemical Physics</i> , 2005, 123, 201102.	3.0	26
7	Deep subwavelength surface modes in metal-dielectric metamaterials. <i>Optics Letters</i> , 2010, 35, 1847.	3.3	22
8	General properties of surface modes in binary metal-dielectric metamaterials. <i>Optics Express</i> , 2010, 18, 25627.	3.4	10
9	Nanometer scale high-aspect-ratio trench etching at controllable angles using ballistic reactive ion etching. <i>Journal of Vacuum Science and Technology B: Nanotechnology and Microelectronics</i> , 2013, 31, 010604.	1.2	9
10	Flying plasmonic lens at near field for high speed nanolithography. <i>Proceedings of SPIE</i> , 2010, , .	0.8	4
11	Graphene Nanocomposite as Optical-Fiber Interface for the Spectroscopy of Aqueous Media: Study of the C-H Stretch. <i>Journal of Physical Chemistry C</i> , 2021, 125, 3811-3817.	3.1	2
12	Graphene-based Photonic C-H bond activation. , 2021, , .		0