

# Eduardo Dias

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5433501/publications.pdf>

Version: 2024-02-01

14  
papers

443  
citations

1306789

7  
h-index

1281420

11  
g-index

14  
all docs

14  
docs citations

14  
times ranked

711  
citing authors

#	ARTICLE	IF	CITATIONS
1	Probing the ultimate plasmon confinement limits with a van der Waals heterostructure. <i>Science</i> , 2018, 360, 291-295.	6.0	259
2	Probing nonlocal effects in metals with graphene plasmons. <i>Physical Review B</i> , 2018, 97, .	1.1	44
3	Thermal manipulation of plasmons in atomically thin films. <i>Light: Science and Applications</i> , 2020, 9, 87.	7.7	35
4	Graphene Plasmons in Triangular Wedges and Grooves. <i>ACS Photonics</i> , 2016, 3, 2176-2183.	3.2	26
5	Modeling the excitation of graphene plasmons in periodic grids of graphene ribbons: An analytical approach. <i>Physical Review B</i> , 2016, 94, .	1.1	23
6	Fundamental Limits to the Coupling between Light and 2D Polaritons by Small Scatterers. <i>ACS Nano</i> , 2019, 13, 5184-5197.	7.3	23
7	Controlling SpooF Plasmons in a Metal Grating Using Graphene Surface Plasmons. <i>ACS Photonics</i> , 2017, 4, 3071-3080.	3.2	14
8	Complete coupling of focused light to surface polaritons. <i>Optica</i> , 2021, 8, 520.	4.8	6
9	High-Order Harmonic Generation Enhancement with Graphene Heterostructures. <i>Advanced Optical Materials</i> , 2022, 10, .	3.6	6
10	Ultrafast Momentum-Resolved Free-Electron Probing of Optically Pumped Plasmon Thermal Dynamics. <i>ACS Photonics</i> , 2021, 8, 614-624.	3.2	4
11	Analytical solution of electronic transport through a benzene molecule using lattice Green's functions. <i>Journal of Physics Condensed Matter</i> , 2015, 27, 145301.	0.7	3
12	Fundamental limits to the excitation of polaritons in thin films. , 2021, , .		0
13	Optothermal generation and manipulation of plasmons in atomically thin films. , 2021, , .		0
14	Optothermal Generation and Manipulation of Plasmons. , 2020, , .		0