

# Philip A Thomas

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7364871/publications.pdf>

Version: 2024-02-01

12  
papers

273  
citations

1307594

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1474206

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13  
all docs

13  
docs citations

13  
times ranked

314  
citing authors

#	ARTICLE	IF	CITATIONS
1	All-optical control of phase singularities using strong light-matter coupling. Nature Communications, 2022, 13, 1809.	12.8	15
2	Single vs double anti-crossing in the strong coupling between surface plasmons and molecular excitons. Journal of Chemical Physics, 2021, 154, 024704.	3.0	7
3	Cavity-Free Ultrastrong Light-Matter Coupling. Journal of Physical Chemistry Letters, 2021, 12, 6914-6918.	4.6	24
4	A New Signature for Strong Light-Matter Coupling Using Spectroscopic Ellipsometry. Nano Letters, 2020, 20, 6412-6419.	9.1	17
5	Ultrasensitive and rapid detection of malaria using graphene-enhanced surface plasmon resonance. 2D Materials, 2020, 7, 045019.	4.4	15
6	Two-dimensional and One-dimensional Periodic Structures for Sensing, Spectroscopy, Light Emission and Two-dimensional Materials. , 2020, , 201-236.		0
7	Narrow Plasmon Resonances in Hybrid Systems. Springer Theses, 2018, , .	0.1	2
8	Plasmonics. Springer Theses, 2018, , 7-27.	0.1	0
9	Phase-Sensitive Detection of HT-2 Mycotoxin Using Graphene-Protected Copper Plasmonics. Springer Theses, 2018, , 97-112.	0.1	0
10	Strong coupling of diffraction coupled plasmons and optical waveguide modes in gold stripe-dielectric nanostructures at telecom wavelengths. Scientific Reports, 2017, 7, 45196.	3.3	16
11	Super-Narrow, Extremely High Quality Collective Plasmon Resonances at Telecom Wavelengths and Their Application in a Hybrid Graphene-Plasmonic Modulator. Nano Letters, 2015, 15, 3519-3523.	9.1	73
12	Narrow Collective Plasmon Resonances in Nanostructure Arrays Observed at Normal Light Incidence for Simplified Sensing in Asymmetric Air and Water Environments. ACS Photonics, 2014, 1, 1116-1126.	6.6	104