

Dominik Theobald

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3490944/publications.pdf>

Version: 2024-02-01

8
papers

115
citations

1478505

6
h-index

1720034

7
g-index

8
all docs

8
docs citations

8
times ranked

95
citing authors

#	ARTICLE	IF	CITATIONS
1	SMUTHI: A python package for the simulation of light scattering by multiple particles near or between planar interfaces. Journal of Quantitative Spectroscopy and Radiative Transfer, 2021, 273, 107846.	2.3	27
2	Extending the applicability of the T-matrix method to light scattering by flat particles on a substrate via truncation of sommerfeld integrals. Journal of Quantitative Spectroscopy and Radiative Transfer, 2017, 202, 279-285.	2.3	23
3	Plane-wave coupling formalism for T -matrix simulations of light scattering by nonspherical particles. Physical Review A, 2017, 96, .	2.5	22
4	Light scattering by oblate particles near planar interfaces: on the validity of the T-matrix approach. Optics Express, 2016, 24, 25154.	3.4	20
5	Simulation of light scattering in large, disordered nanostructures using a periodic T-matrix method. Journal of Quantitative Spectroscopy and Radiative Transfer, 2021, 272, 107802.	2.3	14
6	Design of Selective Reflectors Utilizing Multiple Scattering by Core-Shell Nanoparticles for Color Conversion Films. ACS Photonics, 2020, 7, 1452-1460.	6.6	7
7	Silver-Nanoparticle-Based Metallodielectric Wavelength-Selective Reflectors for Quantum-Dot-Enhanced White-Light-Emitting Diodes. ACS Applied Nano Materials, 2022, 5, 87-93.	5.0	2
8	Simulation of light scattering in clusters of nonspherical nanoparticles: an adapted T-matrix approach. , 2018, , .		0