

# Emilie Sakat

## List of Publications by Year in descending order

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docs citations

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865  
citing authors

#	ARTICLE	IF	CITATIONS
1	Midinfrared Plasmon-Enhanced Spectroscopy with Germanium Antennas on Silicon Substrates. Nano Letters, 2015, 15, 7225-7231.	9.1	173
2	Guided mode resonance in subwavelength metallodielectric free-standing grating for bandpass filtering. Optics Letters, 2011, 36, 3054.	3.3	78
3	Free-standing guided-mode resonance band-pass filters: from 1D to 2D structures. Optics Express, 2012, 20, 13082.	3.4	49
4	Reduced Lasing Thresholds in GeSn Microdisk Cavities with Defect Management of the Optically Active Region. ACS Photonics, 2020, 7, 2713-2722.	6.6	42
5	Midinfrared Ultrastrong Light-Matter Coupling for THz Thermal Emission. ACS Photonics, 2017, 4, 2550-2555.	6.6	33
6	Enhancing thermal radiation with nanoantennas to create infrared sources with high modulation rates. Optica, 2018, 5, 175.	9.3	32
7	Metal-dielectric bi-atomic structure for angular-tolerant spectral filtering. Optics Letters, 2013, 38, 425.	3.3	29
8	GeSnOI mid-infrared laser technology. Light: Science and Applications, 2021, 10, 232.	16.6	18
9	Up to 300 K lasing with GeSn-On-Insulator microdisk resonators. Optics Express, 2022, 30, 3954.	3.4	16
10	True thermal antenna with hyperbolic metamaterials. Optics Express, 2017, 25, 23356.	3.4	10
11	Time-Resolved Photoluminescence in Gold Nanoantennas. ACS Photonics, 2016, 3, 1489-1493.	6.6	9
12	Functionalization of Scanning Probe Tips with Epitaxial Semiconductor Layers. Small Methods, 2017, 1, 1600033.	8.6	8
13	Plasmon-Enhanced Second Harmonic Generation: from Individual Antennas to Extended Arrays. Plasmonics, 2017, 12, 1595-1600.	3.4	8
14	Enhancing Light Absorption in a Nanovolume with a Nanoantenna: Theory and Figure of Merit. ACS Photonics, 2020, 7, 1523-1528.	6.6	5
15	Generalized electromagnetic theorems for nonlocal plasmonics. Physical Review B, 2021, 103, .	3.2	4
16	Two-mode model for metal-dielectric guided-mode resonance filters. Optics Express, 2015, 23, 31672.	3.4	1
17	Extraordinary transmission in optical Helmholtz resonators. Optics Letters, 2015, 40, 2735.	3.3	1