

# Raphael St-Gelais

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

8

papers

373

citations

5

h-index

13

g-index

13

ext. papers

460

ext. citations

11.3

avg, IF

3.61

L-index

#	Paper	IF	Citations
8	Near-field radiative heat transfer between parallel structures in the deep subwavelength regime. <i>Nature Nanotechnology</i> , <b>2016</b> , 11, 515-519	28.7	150
7	Demonstration of strong near-field radiative heat transfer between integrated nanostructures. <i>Nano Letters</i> , <b>2014</b> , 14, 6971-5	11.5	114
6	Hot Carrier-Based Near-Field Thermophotovoltaic Energy Conversion. <i>ACS Nano</i> , <b>2017</b> , 11, 3001-3009	16.7	45
5	Integrated near-field thermo-photovoltaics for heat recycling. <i>Nature Communications</i> , <b>2020</b> , 11, 2545	17.4	42
4	Swept-Frequency Drumhead Optomechanical Resonators. <i>ACS Photonics</i> , <b>2019</b> , 6, 525-530	6.3	12
3	Radiative Heat Transfer in Freestanding Silicon Nitride Membranes. <i>Physical Review Applied</i> , <b>2020</b> , 14,	4.3	4
2	High resolution measurement of near-field radiative heat transfer enabled by nanomechanical resonators. <i>Applied Physics Letters</i> , <b>2021</b> , 119, 173104	3.4	2
1	Thermal radiation sensing using high mechanical Q-factor silicon nitride membranes <b>2019</b> ,		2