

Raphael St-Gelais

List of Publications by Year in Descending Order

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