

# Payam Sabbaghi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10656739/publications.pdf>

Version: 2024-02-01

6  
papers

115  
citations

1684188

5  
h-index

1872680

6  
g-index

6  
all docs

6  
docs citations

6  
times ranked

93  
citing authors

| # | ARTICLE  | IF  | CITATIONS |
|---|--|-----|-----------|
| 1 | Effect of magnetic polaritons in SiC deep gratings on near-field radiative transfer. International Journal of Heat and Mass Transfer, 2017, 108, 851-859.  | 4.8 | 29        |
| 2 | Performance Analysis of a Near-Field Thermophotovoltaic Device With a Metallodielectric Selective Emitter and Electrical Contacts for the Photovoltaic Cell. Journal of Heat Transfer, 2017, 139, .  | 2.1 | 29        |
| 3 | Super-Planckian Radiative Heat Transfer between Macroscale Surfaces with Vacuum Gaps Down to 190 nm Directly Created by SU-8 Posts and Characterized by Capacitance Method. ACS Photonics, 2020, 7, 190-196.   | 6.6 | 22        |
| 4 | Super-Planckian radiative heat transfer between macroscale metallic surfaces due to near-field and thin-film effects. Journal of Applied Physics, 2020, 128, .   | 2.5 | 18        |
| 5 | Near-field thermophotovoltaic energy conversion by excitation of magnetic polariton inside nanometric vacuum gaps with nanostructured Drude emitter and backside reflector. Journal of Quantitative Spectroscopy and Radiative Transfer, 2019, 234, 108-114. | 2.3 | 15        |
| 6 | Retrieval of Uniaxial Permittivity and Permeability for the Study of Near-Field Radiative Transport Between Metallic Nanowire Arrays. Journal of Heat Transfer, 2020, 142, .   | 2.1 | 2         |