

# Roman Burbelo

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/12088806/publications.pdf>

Version: 2024-02-01

8  
papers

148  
citations

1163117  
8  
h-index

1588992  
8  
g-index

8  
all docs

8  
docs citations

8  
times ranked

109  
citing authors

#	ARTICLE	IF	CITATIONS
1	Amorphization and reduction of thermal conductivity in porous silicon by irradiation with swift heavy ions. <i>Journal of Applied Physics</i> , 2013, 114, .	2.5	38
2	Investigation of Thermal Transport Properties of Porous Silicon by Photoacoustic Technique. <i>International Journal of Thermophysics</i> , 2015, 36, 2428-2433.	2.1	24
3	Photoacoustic characterization of nanowire arrays formed by metal-assisted chemical etching of crystalline silicon substrates with different doping level. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2019, 107, 131-136.	2.7	17
4	Thermal conductivity of silicon nanomaterials measured using the photoacoustic technique in a piezoelectric configuration. <i>Journal of Physics and Chemistry of Solids</i> , 2019, 126, 267-273.	4.0	17
5	Thermal conductivity of partially amorphous porous silicon by photoacoustic technique. <i>Materials Letters</i> , 2014, 128, 71-74.	2.6	16
6	Photoacoustic effects in nanocomposite structure "porous silicon-liquid". <i>Nanoscale Research Letters</i> , 2012, 7, 411.	5.7	14
7	Interfacial thermal resistance between porous layers: Impact on thermal conductivity of a multilayered porous structure. <i>International Journal of Thermal Sciences</i> , 2018, 134, 317-320.	4.9	12
8	Photoacoustic Signal Formation in Heterogeneous Multilayer Systems with Piezoelectric Detection. <i>International Journal of Thermophysics</i> , 2014, 35, 2341-2351.	2.1	10