

# Carolin Rothhardt

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3799917/publications.pdf>

Version: 2024-02-01

10  
papers

111  
citations

1937685

4  
h-index

1720034

7  
g-index

10  
all docs

10  
docs citations

10  
times ranked

121  
citing authors

#	ARTICLE	IF	CITATIONS
1	BBO-sapphire sandwich structure for frequency conversion of high power lasers. Optical Materials Express, 2014, 4, 1092.	3.0	46
2	100â€™â€™W average power femtosecond laser at 343â€™â€™nm. Optics Letters, 2016, 41, 1885.	3.3	37
3	High-average-power femtosecond laser at 258â€™â€™nm. Optics Letters, 2017, 42, 2826.	3.3	16
4	New approach to fabrication of a Faraday isolator for high power laser applications. Proceedings of SPIE, 2012, , .	0.8	4
5	Fabrication of a high power Faraday isolator by direct bonding. Proceedings of SPIE, 2013, , .	0.8	4
6	Technical layout and fabrication of a compact all-glass four-channel beam splitter based on a KÃ¶sters design. CEAS Space Journal, 2022, 14, 287-301.	2.3	2
7	Direct bonding for the encapsulation of transverse optical gratings. Microelectronic Engineering, 2013, 110, 302-306.	2.4	1
8	Silicate and direct bonding of low thermal expansion materials. , 2013, , .		1
9	BBO sapphire compound for high-power frequency conversion. , 2015, , .		0
10	Direct Bonding of Crystalline Components for Application in High Power Laser Systems. , 2017, , .		0