

# Stefan F Busch

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11178367/publications.pdf>

Version: 2024-02-01

15  
papers

245  
citations

933447

10  
h-index

1372567

10  
g-index

15  
all docs

15  
docs citations

15  
times ranked

278  
citing authors

#	ARTICLE	IF	CITATIONS
1	3D Printed Prisms with Tunable Dispersion for the THz Frequency Range. Journal of Infrared, Millimeter, and Terahertz Waves, 2018, 39, 553-560.	2.2	15
2	3D-Printed Tunable THz Prism. , 2018, , .		1
3	Extending the Alvarez-Lens Concept to Arbitrary Optical Devices: Tunable Gratings, Lenses, and Spiral Phase Plates. IEEE Transactions on Terahertz Science and Technology, 2017, 7, 320-325.	3.1	17
4	3D Printed Terahertz Focusing Grating Couplers. Journal of Infrared, Millimeter, and Terahertz Waves, 2017, 38, 708-716.	2.2	21
5	3D-gedruckte quasioptische Bauelemente $f\lambda/4$ r den Terahertz-Frequenzbereich. , 2017, , 101-115.		2
6	Non-destructive Analysis of Material Detachments from Polychromatically Glazed Terracotta Artwork by THz Time-of-Flight Spectroscopy. Journal of Infrared, Millimeter, and Terahertz Waves, 2017, 38, 495-502.	2.2	18
7	Quality Control of Sugar Beet Seeds With THz Time-Domain Spectroscopy. IEEE Transactions on Terahertz Science and Technology, 2016, , 1-3.	3.1	19
8	THz ATR Spectroscopy for Inline Monitoring of Highly Absorbing Liquids. Journal of Infrared, Millimeter, and Terahertz Waves, 2016, 37, 1001-1006.	2.2	26
9	THz Optics 3D Printed with TOPAS. Journal of Infrared, Millimeter, and Terahertz Waves, 2016, 37, 303-307.	2.2	71
10	Terahertz Reflection Gratings Made by Room-Temperature High-Pressure Molding. Journal of Infrared, Millimeter, and Terahertz Waves, 2013, 34, 413-415.	2.2	11
11	Nondestructive determination of defects in firmly joint plastic compounds with portable THz system. , 2013, , .		1
12	Optically controlled terahertz filtering, beam steering, and imaging. , 2012, , .		0
13	THz photonic band-gap prisms fabricated by fiber drawing. , 2012, , .		0
14	Optically gated tunable terahertz filters. Applied Physics Letters, 2012, 100, .	3.3	32
15	Terahertz Brewster lenses. Optics Express, 2011, 19, 25151.	3.4	11