

Stefan F Busch

List of Publications by Year in descending order

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papers

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citations

933447

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1372567

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15
docs citations

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times ranked

278
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | THz Optics 3D Printed with TOPAS. Journal of Infrared, Millimeter, and Terahertz Waves, 2016, 37, 303-307. | 2.2 | 71 |
| 2 | Optically gated tunable terahertz filters. Applied Physics Letters, 2012, 100, . | 3.3 | 32 |
| 3 | THz ATR Spectroscopy for Inline Monitoring of Highly Absorbing Liquids. Journal of Infrared, Millimeter, and Terahertz Waves, 2016, 37, 1001-1006. | 2.2 | 26 |
| 4 | 3D Printed Terahertz Focusing Grating Couplers. Journal of Infrared, Millimeter, and Terahertz Waves, 2017, 38, 708-716. | 2.2 | 21 |
| 5 | Quality Control of Sugar Beet Seeds With THz Time-Domain Spectroscopy. IEEE Transactions on Terahertz Science and Technology, 2016, , 1-3. | 3.1 | 19 |
| 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 | 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 |
| 8 | 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 |
| 9 | Terahertz Brewster lenses. Optics Express, 2011, 19, 25151. | 3.4 | 11 |
| 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 | 3D-gedruckte quasioptische Bauelemente $f\lambda/4r$ den Terahertz-Frequenzbereich. , 2017, , 101-115. | | 2 |
| 12 | Nondestructive determination of defects in firmly joint plastic compounds with portable THz system. , 2013, , . | | 1 |
| 13 | 3D-Printed Tunable THz Prism. , 2018, , . | | 1 |
| 14 | Optically controlled terahertz filtering, beam steering, and imaging. , 2012, , . | | 0 |
| 15 | THz photonic band-gap prisms fabricated by fiber drawing. , 2012, , . | | 0 |