

Jesse Frantz

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

513
citations

1040056

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10
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10
docs citations

10
times ranked

519
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Ceramic Laser Materials. <i>Materials</i> , 2012, 5, 258-277. | 2.9 | 133 |
| 2 | Transparent ceramics for high-energy laser systems. <i>Optical Materials</i> , 2011, 33, 511-518. | 3.6 | 112 |
| 3 | Ceramic laser materials: Past and present. <i>Optical Materials</i> , 2013, 35, 693-699. | 3.6 | 102 |
| 4 | Laser oscillation in hot pressed 10% Yb ³⁺ :Lu ₂ O ₃ ceramic. <i>Optical Materials</i> , 2011, 33, 670-674. | 3.6 | 51 |
| 5 | Synthesis of High Purity Yb ³⁺ -Doped Lu ₂ O ₃ Powder for High Power Solid-State Lasers. <i>Journal of the American Ceramic Society</i> , 2011, 94, 3001-3005. | 3.8 | 43 |
| 6 | Overview of transparent optical ceramics for high-energy lasers at NRL. <i>Applied Optics</i> , 2015, 54, F210. | 2.1 | 28 |
| 7 | Reconfiguring structured light beams using nonlinear metasurfaces. <i>Optics Express</i> , 2018, 26, 30930. | 3.4 | 23 |
| 8 | Highly transparent ceramics obtained from jet milled sesquioxide powders synthesized by co-precipitation method. <i>Optical Materials Express</i> , 2014, 4, 2497. | 3.0 | 11 |
| 9 | Nonlinear Metasurface for Structured Light with Tunable Orbital Angular Momentum. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 958. | 2.5 | 9 |
| 10 | Doped sesquioxide ceramic for eye-safe solid state laser materials. <i>Proceedings of SPIE</i> , 2013, , . | 0.8 | 1 |