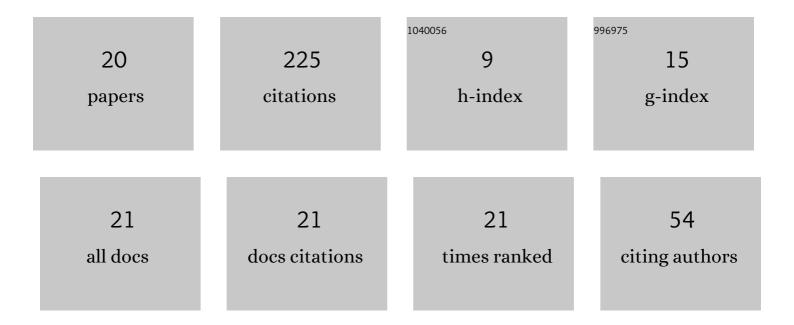
Dmitriy Shiyanov

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/321657/publications.pdf Version: 2024-02-01



| # | Article | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | In situ nanopowder combustion visualization using laser systems with brightness amplification. Proceedings of the Combustion Institute, 2021, 38, 1695-1702. | 3.9 | 10 |
| 2 | Spatial–temporal radiation distribution in a CuBr vapor brightness amplifier in a real laser monitor scheme. Applied Physics B: Lasers and Optics, 2020, 126, 1. | 2.2 | 9 |
| 3 | Imaging system with brightness amplification for a metal-nanopowder-combustion study. Journal of Applied Physics, 2020, 127, . | 2.5 | 13 |
| 4 | Metal Vapor Lasers. Atmospheric and Oceanic Optics, 2020, 33, 69-79. | 1.3 | 7 |
| 5 | The Comparison of Lasing Parameters of NeÂ+ÂEu and HeÂ+ÂEu Lasers. Atmospheric and Oceanic Optics, 2019, 32, 366-369. | 1.3 | 1 |
| 6 | Metal Vapor Active Element Design. Atmospheric and Oceanic Optics, 2019, 32, 706-709. | 1.3 | 0 |
| 7 | A Brightness Amplifier on Manganese Atom Transitions with a Pulse Repetition Frequency of up to 100 kHz. Technical Physics Letters, 2018, 44, 1180-1183. | 0.7 | 7 |
| 8 | A CuBr laser with high efficiency in the double-pumping-pulse mode. Technical Physics Letters, 2017, 43, 238-240. | 0.7 | 0 |
| 9 | Europium vapor laser. Atmospheric and Oceanic Optics, 2017, 30, 489-494. | 1.3 | 1 |
| 10 | Combined weak-current discharge in a copper-vapor laser. Technical Physics, 2016, 61, 1395-1398. | 0.7 | 2 |
| 11 | Iron bromide vapor laser. Technical Physics Letters, 2016, 42, 321-324. | 0.7 | 3 |
| 12 | A bistatic laser monitor. Technical Physics Letters, 2016, 42, 632-634. | 0.7 | 25 |
| 13 | Spatial–temporal gain distribution of a CuBr vapor brightness amplifier. Applied Physics B: Lasers and Optics, 2016, 122, 1. | 2.2 | 12 |
| 14 | Copper bromide vapour laser with an output pulse duration of up to 320 ns. Quantum Electronics, 2016, 46, 57-60. | 1.0 | 20 |
| 15 | The possibility of increasing the efficiency of CuBr lasers in the regime of double pump pulses. Technical Physics Letters, 2015, 41, 759-761. | 0.7 | 3 |
| 16 | MnBr vapor active medium with a built-in reactor at 100-kHz pulse repetition frequency. Atmospheric and Oceanic Optics, 2014, 27, 458-462. | 1.3 | 13 |
| 17 | Laser monitor for non-destructive testing of materials and processes shielded by intensive background lighting. Review of Scientific Instruments, 2014, 85, 033111. | 1.3 | 71 |
| 18 | Study of scalability of capacitive excited CuBr lasers. Atmospheric and Oceanic Optics, 2013, 26, 241-244. | 1.3 | 6 |

| # | Article | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Atmospheric bistatic communication channels with scattering. Part 1. Methods of study. Atmospheric and Oceanic Optics, 2013, 26, 364-370. | 1.3 | 16 |
| 20 | A reversible HBr source for a copper bromide vapor laser. Instruments and Experimental Techniques, 2013, 56, 349-352. | 0.5 | 6 |