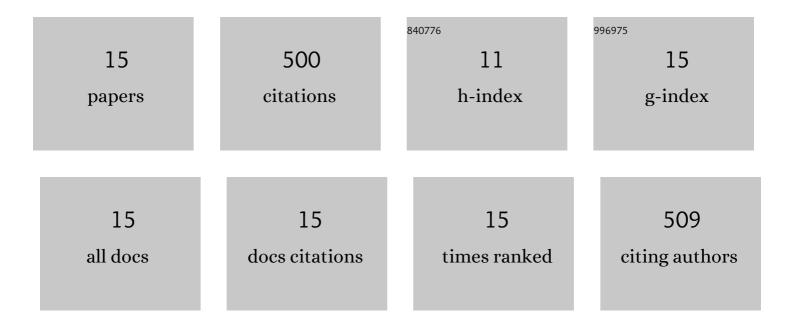


## List of Publications by Year in descending order

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| #  | Article  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Laser-induced backward transfer of conducting aluminum doped zinc oxide to glass for single-step rapid patterning. Journal of Materials Processing Technology, 2020, 275, 116357.  | 6.3  | 7         |
| 2  | High speed, high power density laser-assisted machining of Al-SiC metal matrix composite with<br>significant increase in productivity and surface quality. Journal of Materials Processing Technology,<br>2020, 285, 116784. | 6.3  | 45        |
| 3  | Laser Assisted Solution Synthesis of High Performance Graphene Supported Electrocatalysts.<br>Advanced Functional Materials, 2020, 30, 2001756.  | 14.9 | 23        |
| 4  | Tailored laser vector fields for high-precision micro-manufacturing. CIRP Annals - Manufacturing<br>Technology, 2019, 68, 193-196.   | 3.6  | 4         |
| 5  | Ultrasonic material dispensing-based selective laser melting for 3D printing of metallic components and the effect of powder compression. Additive Manufacturing, 2019, 29, 100818.  | 3.0  | 12        |
| 6  | A new analysis workflow for discrimination of nuclear grade graphite using laser-induced breakdown spectroscopy. Journal of Environmental Radioactivity, 2019, 199-200, 45-57.   | 1.7  | 9         |
| 7  | Computational fluid dynamic simulation of gravity and pressure effects in laser metal deposition for<br>potential additive manufacturing in space. International Journal of Heat and Mass Transfer, 2019, 140,<br>51-65.     | 4.8  | 51        |
| 8  | Effect of water-based ultrasonic vibration on the quality of laser trepanned microholes in nickel super-alloy workpieces. Journal of Materials Processing Technology, 2019, 272, 170-183.                                    | 6.3  | 20        |
| 9  | Characteristics of 1064â€ <sup>–</sup> nm picosecond laser induced filamentary tracks and damages in sapphire.<br>Optics and Laser Technology, 2019, 116, 232-238.   | 4.6  | 7         |
| 10 | Controlling bacteria retention on polymer via replication of laser micro/nano textured metal mould.<br>Optics and Laser Technology, 2019, 111, 530-536.  | 4.6  | 20        |
| 11 | How did the structural ZnO nanowire as antibacterial coatings control the switchable wettability.<br>Applied Surface Science, 2019, 469, 593-606.  | 6.1  | 27        |
| 12 | Long term superhydrophobic and hybrid superhydrophobic/superhydrophilic surfaces produced by laser surface micro/nano surface structuring. Applied Surface Science, 2019, 466, 808-821.                                      | 6.1  | 38        |
| 13 | Embedding anti-counterfeiting features in metallic components via multiple material additive manufacturing. Additive Manufacturing, 2018, 24, 1-12.  | 3.0  | 47        |
| 14 | 3D printing of multiple metallic materials via modified selective laser melting. CIRP Annals -<br>Manufacturing Technology, 2018, 67, 245-248.   | 3.6  | 167       |
| 15 | Advances in macro-scale laser processing. CIRP Annals - Manufacturing Technology, 2018, 67, 719-742.   | 3.6  | 23        |