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Optical Vortex Laser

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Deadline for manuscript
submissions:

31 August 2024

Message from the Guest Editor

This Special Issue aims to present original state-of-the-art research articles dealing with vortex laser generated with active method, including off-axis pumping method, annular pumping method, intracavity spherical aberration method, etc. Specifically, papers are also solicited that deal with vortex lasers coupled to various kinds of nonlinear frequency conversion, such as second harmonic generation, sum-frequency generation, optical parametric oscillation, and Raman processes, and so on. Researchers are invited to submit their contributions to this Special Issue. Topics include, but are not limited to:

- Scalar vortex laser;
- Vector vortex laser;
- Vortex arrays laser;
- Vortex lattices laser;
- Raman vortex laser;
- Intra-cavity frequency-doubled/sum-frequency generation vortex laser;
- Intra-cavity optical parametric vortex laser;
- Cascaded-pumped vortex laser;
- Vortex random fiber laser;
- Kaleidoscope vortex laser.



mdpi.com/si/186287

Special Issue