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Title:	Nanoscale Ultrathin Glass Cantilevers for Quantum Sensing
Authors:	Sidhu, M.S. (/jspui/browse?type=author&value=Sidhu%2C+M.S.) Singh, K.P. (/jspui/browse?type=author&value=Singh%2C+K.P.)
Keywords:	Femtosecond Ultrathin Glass Quantum Sensing
Issue Date:	2020
Publisher:	The Optical Society of America
Citation:	Conference Proceedings - Lasers and Electro-Optics Society Annual Meeting-LEOS, 2020
Abstract:	We fabricated ultra-thin glass cantilevers using femtosecond laser pulses while integrating nitrogen vacancy (NV) centers at its tip. The magneto-optical susceptibility of NV centers towards electron spin was exploited for quantum sensing applications.
URI:	https://www.osapublishing.org/abstract.cfm?uri=CLEO_AT-2020-AF3K.7 (https://www.osapublishing.org/abstract.cfm?uri=CLEO_AT-2020-AF3K.7) http://hdl.handle.net/123456789/3484 (http://hdl.handle.net/123456789/3484)
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