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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:	Ultra-thin glass Laser pulses Nitrogen vacancy
Issue Date:	2020
Publisher:	OSA Publishing
Citation:	Optics InfoBase Conference Papers,Part F181-CLEO-AT 2020,AF3K.7
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/123456789/3433 (http://hdl.handle.net/123456789/3433)
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