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Optical vortices emitted by an array of silicon ring resonators.
The helical phase fronts, indicated by spirals, denote photons with
orbital angular momentum. Emission results from the embedded
angular gratings that extract the light waves traveling around
the ring. The small emitters (diameter: 8 micrometers) can be
integrated on a large scale into photonic integrated circuits,
enabling new applications in optical communications and sensing,
quantum photonics, and lab-on-a-chip. See page 363.

Image: Yue Zhang (ciel924@126.com), based on data from
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>> Science Podcast

On an Australian Materials Scientist Takes Dance Your Ph.D.: And the Winner Is…
http://scim.ag/Dance_PhD

Vesta: The Mini-Planet That Could Magnetize an Asteroid Had a Dynamo-Driven Magnetic Field
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Integrating Medicine and Science
www.sciencetranslationalmedicine.org
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RESEARCH ARTICLE: Methylation Subtypes and Large-Scale Epigenetic Alterations in Gastric Cancer
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Free Career Resources for Scientists
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TOOLING UP: Resume Wisdom
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Editor's Summary

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