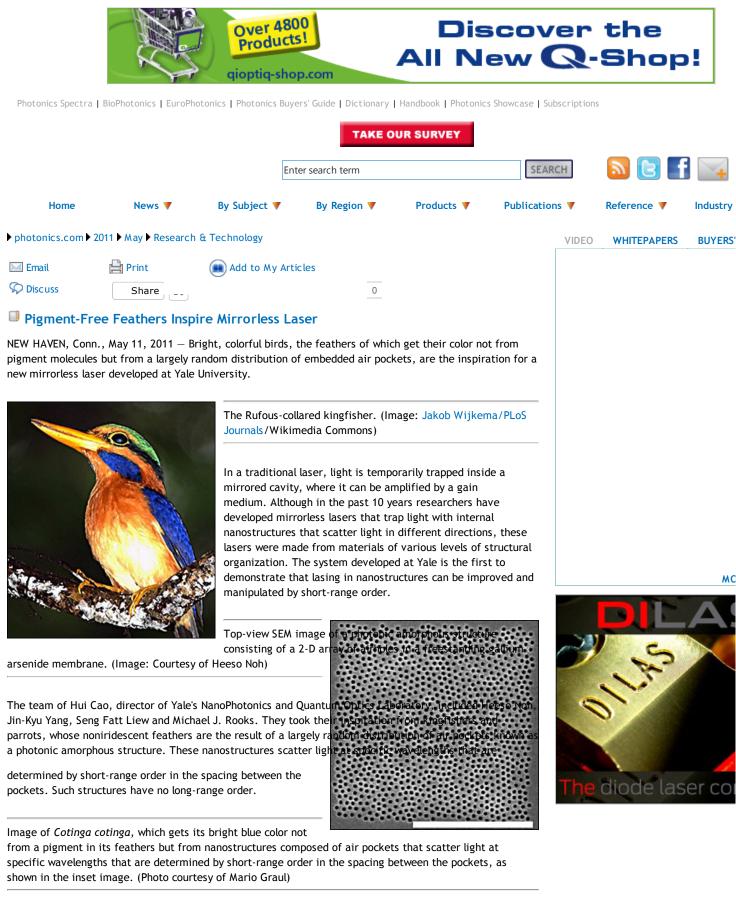
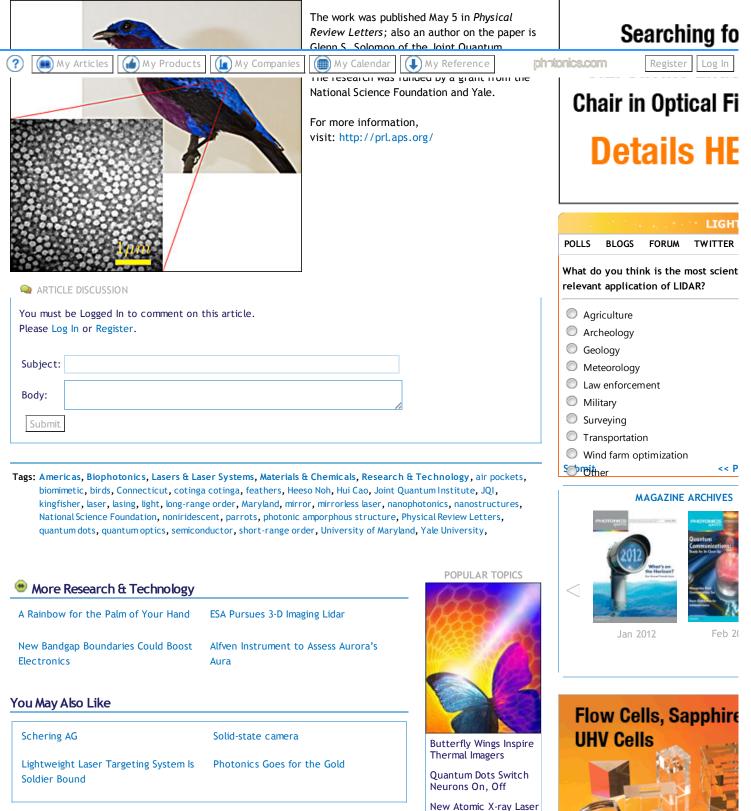
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Using this as a model, the team created biomimetic samples and investigated the lasing behavior by etching an array of roughly 150-nm-wide holes into a semiconductor film that contained quantum dots as a gain medium. When the researchers optically excited the two-dimensional device with sufficient power, it emitted laser light at a frequency that could be tuned by changing the spacing and radius of the airholes.

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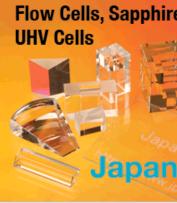
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