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Continuous visible-light emission at room temperature in Mn-doped Si light-emitting diodes

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Biography

Masaaki Tanaka received his PhD degree in Electronic Engineering from the University of Tokyo, in 1989. He is currently a Professor of Electrical and Electronic Engineering at the University of Tokyo. His current research covers various materials and nanostructures, spin-related phenomena, and devices, including magnetic semiconductors, ferromagnet/semiconductor heterostructures and nanostructures, magnetic tunnel junctions, and spin transistors. He has authored and coauthored over 200 scientific publications, and presented over 80 invited talks at international conferences and meetings. He is an executive editor of AIP Advances, and is on the board of directors of the Japan Society of Applied Physics.

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