

**Boaz Pokroy**  
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Boaz Pokroy is an associate professor in the Department of Materials Science and Engineering at the Technion–Israel Institute of Technology, where he earned all of his degrees. Previously, he was a postdoctoral fellow and Fulbright Scholar in the laboratory of Prof. Joanna Aizenberg at the School of Engineering and Applied Sciences at Harvard University and Bell Labs. Pokroy's research focuses on biomineralization and bio-inspired surface engineering. He studies the structure of biominerals on the atomic, nano-, and mesoscales using state-of-the-art high-resolution characterization techniques such as high-resolution synchrotron diffraction and aberration-corrected transmission electron microscopy. Based on the strategies that organisms use to produce natural materials, his lab also develops novel bio-inspired materials, such as semiconductors whose bandgap can be tuned by the incorporation of intracrystalline biological molecules; controlling the short-range order of nano-amorphous materials; and fabrication of superhydrophobic/superoleophobic surfaces for various applications. Pokroy was awarded the 2010 Allon Fellowships for Outstanding Young Researchers and the prestigious ERC starting grant in 2013.