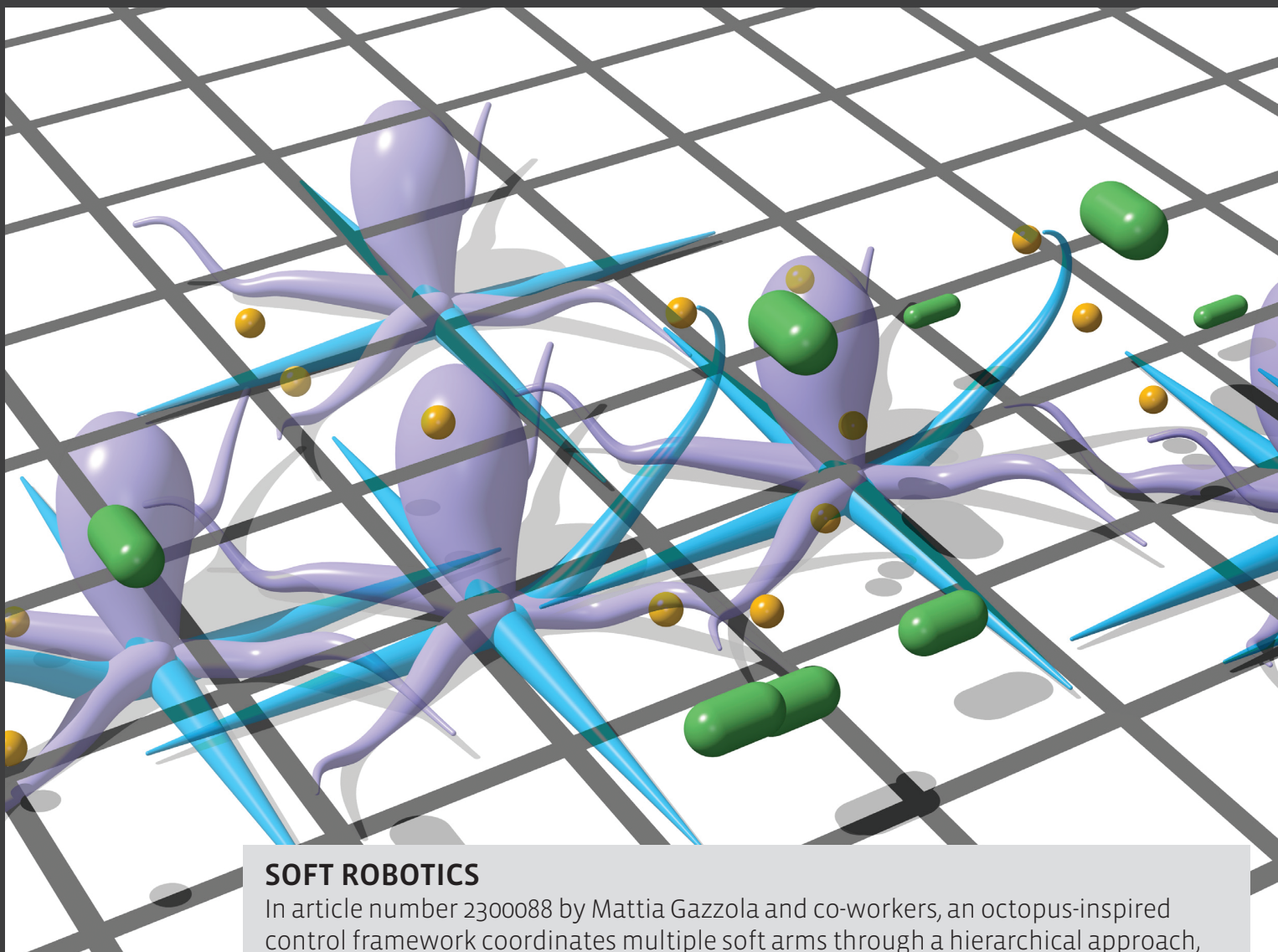


ADVANCED INTELLIGENT SYSTEMS

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SOFT ROBOTICS

In article number 2300088 by Mattia Gazzola and co-workers, an octopus-inspired control framework coordinates multiple soft arms through a hierarchical approach, where reinforcement learning takes high-level decisions, fast energy shaping controls low-level motor execution, and reflexive behavior accommodates for environmental disturbances. So equipped, this octopus succeeds in increasingly challenging foraging scenarios, including an arena littered with obstacles in 3D space.