Title: The AI Scientist■v2: Workshop■Level Automated Scientific Discovery via Agentic Tree Search

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Abstract: AI is increasingly playing a pivotal role in transforming how scientific discoveries are made. We introduce The AI Scientist■v2, an end■to■end agentic system capable of producing the first entirely AI generated peer■review■accepted workshop paper. This system iteratively formulates scientific hypotheses, designs and executes experiments, analyzes and visualizes data, and autonomously authors scientific manuscripts.