

Pranav S Mundada

List of Publications by Year in descending order

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Version: 2024-02-01

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#	ARTICLE	IF	CITATIONS
1	Engineering Dynamical Sweet Spots to Protect Qubits from $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" overflow="scroll">\langle \text{mml:mn}>1\langle / \text{mml:mn}>\langle / \text{mml:mo}>\langle / \text{mml:mo}>\langle \text{mml:mi}>f\langle / \text{mml:mi}>\langle / \text{mml:math}>$ Noise. Physical Review Applied, 2021, 15, .	1.5	35
2	New material platform for superconducting transmon qubits with coherence times exceeding 0.3 milliseconds. Nature Communications, 2021, 12, 1779.	5.8	224
3	Experimental Realization of a Protected Superconducting Circuit Derived from the $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" overflow="scroll">\langle \text{mml:mn}>0\langle / \text{mml:mn}>\langle / \text{mml:math}>$ $\hat{\epsilon}$ $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" overflow="scroll">\langle \text{mml:mi}>\tilde{C}\langle / \text{mml:mi}>\langle / \text{mml:math}>$ Qubit. PRX Quantum, 2021, 2, .	3.5	77
4	Experimental Deep Reinforcement Learning for Error-Robust Gate-Set Design on a Superconducting Quantum Computer. PRX Quantum, 2021, 2, .	3.5	53
5	Observation of inter-layer charge transmission resonance at optically excited graphene $\hat{\epsilon}$ TMDC interfaces. APL Materials, 2020, 8, 091114.	2.2	10
6	Floquet-Engineered Enhancement of Coherence Times in a Driven Fluxonium Qubit. Physical Review Applied, 2020, 14, .	1.5	21
7	Universal gates for protected superconducting qubits using optimal control. Physical Review A, 2020, 101, .	1.0	30
8	Suppression of Qubit Crosstalk in a Tunable Coupling Superconducting Circuit. Physical Review Applied, 2019, 12, .	1.5	129