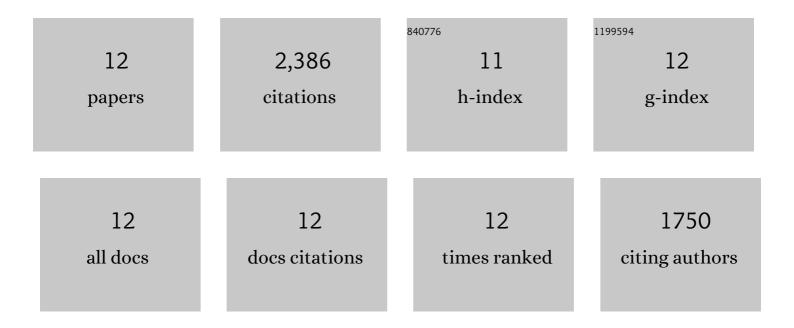
A J Berkley

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Scaling advantage over path-integral Monte Carlo in quantum simulation of geometrically frustrated magnets. Nature Communications, 2021, 12, 1113.	12.8	74
2	Phase transitions in a programmable quantum spin glass simulator. Science, 2018, 361, 162-165.	12.6	174
3	A frequency and sensitivity tunable microresonator array for high-speed quantum processor readout. Journal of Applied Physics, 2016, 119, .	2.5	10
4	Evidence for temperature-dependent spin diffusion as a mechanism of intrinsic flux noise in SQUIDs. Physical Review B, 2014, 89, .	3.2	24
5	Architectural Considerations in the Design of a Superconducting Quantum Annealing Processor. IEEE Transactions on Applied Superconductivity, 2014, 24, 1-10.	1.7	265
6	Tunneling spectroscopy using a probe qubit. Physical Review B, 2013, 87, .	3.2	32
7	Quantum annealing with manufactured spins. Nature, 2011, 473, 194-198.	27.8	1,316
8	Experimental investigation of an eight-qubit unit cell in a superconducting optimization processor. Physical Review B, 2010, 82, .	3.2	215
9	Experimental demonstration of a robust and scalable flux qubit. Physical Review B, 2010, 81, .	3.2	133
10	Geometrical dependence of the low-frequency noise in superconducting flux qubits. Physical Review B, 2009, 79, .	3.2	56
11	Compound Josephson-junction coupler for flux qubits with minimal crosstalk. Physical Review B, 2009, 80, .	3.2	67

12 Modeling the Xâ€Ray–Ultraviolet Correlations in NGC 7469. Astrophysical Journal, 2000, 535, 712-720. 4.5 20