

# Vikas K Sewani

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/506007/publications.pdf>

Version: 2024-02-01

5  
papers

43  
citations

1937685

4  
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2053705

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g-index

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all docs

5  
docs citations

5  
times ranked

79  
citing authors

#	ARTICLE	IF	CITATIONS
1	Observing hyperfine interactions of NV <sup>0</sup> centers in diamond in an advanced quantum teaching lab. American Journal of Physics, 2022, 90, 550-560.	0.7	3
2	An ultra-stable 1.5 $\hat{A}$ T permanent magnet assembly for qubit experiments at cryogenic temperatures. Review of Scientific Instruments, 2021, 92, 085106. Fast Coherent Control of a Nitrogen-Vacancy Center Spin Ensemble Using a	1.3	9
3	Dielectric Resonator at Cryogenic Temperatures. Physical Review Applied, 2021, 16, . xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" overflow="scroll" < mml:msub < mml:mrow < mml:mi mathvariant="normal">K</mml:mi> < mml:mi>Ta</mml:mi> < mml:mi mathvariant="normal">O</mml:mi> </mml:mrow> < mml:mn>3</mml:mn> </mml:msub> </mml:math>	3.8	7
4	Coherent control of NV <sup>0</sup> centers in diamond in a quantum teaching lab. American Journal of Physics, 2020, 88, 1156-1169. Spin thermometry and spin relaxation of optically detected	0.7	17
5	ions in ruby < mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" > < mml:msup < mml:mrow < mml:mi>Cr</mml:mi> </mml:mrow> < mml:mrow < mml:mi>Al</mml:mi> < mml:mn>3</mml:mn> </mml:msub> </mml:mrow> </mml:math> < mml:mi>O</mml:mi> < mml:mn>3</mml:mn> </mml:msub> </mml:mrow> </mml:math> . Physical Review B, 2020, 102, .		7