

# Katherine T Young

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6503528/publications.pdf>

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7  
papers

49  
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1937685  
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1872680  
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all docs

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docs citations

7  
times ranked

57  
citing authors

#	ARTICLE	IF	CITATIONS
1	Graphene synthesized by chemical vapor deposition as a hydrogen isotope permeation barrier. Carbon, 2021, 176, 106-117.	10.3	14
2	The impact of defect density, grain size, and Cu orientation on thermal oxidation of graphene-coated Cu. Applied Surface Science, 2019, 478, 959-968.	6.1	12
3	The synthesis mechanism of Mo <sub>2</sub> C on Ag-Cu alloy substrates by chemical vapor deposition and the impact of substrate choice. 2D Materials, 2020, 7, 035022.	4.4	10
4	In-Cu alloy substrates for low-temperature chemical vapor deposition of Mo <sub>2</sub> C. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2021, 39, 012201.	2.1	6
5	Measurement of gas-concentration-driven permeation for the examination of permeability, solubility, and diffusivity in varying materials. Review of Scientific Instruments, 2020, 91, 105105.	1.3	4
6	Protein interactions with chemical vapor deposited graphene modified by substrate. 2D Materials, 2021, 8, 025015.	4.4	3
7	Increased intrinsic anomalous Hall effect from rare earth content in amorphous Sm <sub>x</sub> Co <sub>1-x</sub> films. APL Materials, 2022, 10, 071110.	5.1	0