

# Megan K Petti

## List of Publications by Year in descending order

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7  
papers

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citations

1307594

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1720034

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docs citations

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times ranked

249  
citing authors

#	ARTICLE	IF	CITATIONS
1	Structure Changes of a Membrane Polypeptide under an Applied Voltage Observed with Surface-Enhanced 2D IR Spectroscopy. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 1786-1792.	4.6	8
2	A Different hIAPP Polymorph Is Observed in Human Serum Than in Aqueous Buffer: Demonstration of a New Method for Studying Amyloid Fibril Structure Using Infrared Spectroscopy. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 6382-6388.	4.6	14
3	A Proposed Method to Obtain Surface Specificity with Pump-Probe and 2D Spectroscopies. <i>Journal of Physical Chemistry A</i> , 2020, 124, 3471-3483.	2.5	11
4	Enhancing the signal strength of surface sensitive 2D IR spectroscopy. <i>Journal of Chemical Physics</i> , 2019, 150, 024707.	3.0	21
5	Monolayer Sensitivity Enables a 2D IR Spectroscopic Immuno-biosensor for Studying Protein Structures: Application to Amyloid Polymorphs. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 3836-3842.	4.6	12
6	Two-Dimensional Spectroscopy Is Being Used to Address Core Scientific Questions in Biology and Materials Science. <i>Journal of Physical Chemistry B</i> , 2018, 122, 1771-1780.	2.6	65
7	Not All $\beta^2$ -Sheets Are the Same: Amyloid Infrared Spectra, Transition Dipole Strengths, and Couplings Investigated by 2D IR Spectroscopy. <i>Journal of Physical Chemistry B</i> , 2017, 121, 8935-8945.	2.6	60