

# Megan K Petti

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1140287/publications.pdf>

Version: 2024-02-01

7  
papers

191  
citations

1307594

7  
h-index

1720034

7  
g-index

7  
all docs

7  
docs citations

7  
times ranked

249  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	Enhancing the signal strength of surface sensitive 2D IR spectroscopy. <i>Journal of Chemical Physics</i> , 2019, 150, 024707.	3.0	21
4	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
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	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
7	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