

Sidney S Dicke

List of Publications by Year in descending order

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6
papers

80
citations

1684188

5
h-index

1872680

6
g-index

7
all docs

7
docs citations

7
times ranked

82
citing authors

#	ARTICLE	IF	CITATIONS
1	Shot-to-shot 2D IR spectroscopy at 100 kHz using a Yb laser and custom-designed electronics. Optics Express, 2020, 28, 33584.	3.4	34
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. Journal of Physical Chemistry Letters, 2020, 11, 6382-6388.	4.6	14
3	Metastable intermediate during hIAPP aggregation catalyzed by membranes as detected with 2D IR spectroscopy. RSC Chemical Biology, 2022, 3, 931-940.	4.1	11
4	Analysis of amyloid-like secondary structure in the Cryab-R120G knock-in mouse model of hereditary cataracts by two-dimensional infrared spectroscopy. PLoS ONE, 2021, 16, e0257098.	2.5	9
5	Isothermal titration calorimetry and vesicle leakage assays highlight the differential behaviors of tau repeat segments upon interaction with anionic lipid membranes. Biochemical and Biophysical Research Communications, 2017, 493, 1504-1509.	2.1	8
6	Application of 2D IR Bioimaging: Hyperspectral Images of Formalin-Fixed Pancreatic Tissues and Observation of Slow Protein Degradation. Journal of Physical Chemistry B, 2021, 125, 9517-9525.	2.6	4