Jan Philip Kraack

List of Publications by Year
in descending order

26	630	623188 14	610482 24
papers	citations	h-index	g-index

26	26	26	633
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Introduction to State-of-the-Art Multidimensional Time-Resolved Spectroscopy Methods. Topics in Current Chemistry Collections, 2019, , 1-25.	0.2	0
2	Ultrafast structural molecular dynamics investigated with 2D infrared spectroscopy methods. Topics in Current Chemistry Collections, 2019, , 113-205.	0.2	4
3	Solvent-Controlled Morphology of Catalytic Monolayers at Solidâ€“Liquid Interfaces. Journal of Physical Chemistry C, 2018, 122, 2259-2267.	1.5	6
4	Plasmonic Substrates Do Not Promote Vibrational Energy Transfer at Solidâ€“Liquid Interfaces. Journal of Physical Chemistry Letters, 2018, 9, 49-56.	2.1	11
5	Excited State Vibrational Spectra of All-trans Retinal Derivatives in Solution Revealed By Pump-DFWM Experiments. Journal of Physical Chemistry B, 2018, 122, 12271-12281.	1.2	5
6	Introduction to State-of-the-Art Multidimensional Time-Resolved Spectroscopy Methods. Topics in Current Chemistry, 2018, 376, 28.	3.0	5
7	Surface-Sensitive and Surface-Specific Ultrafast Two-Dimensional Vibrational Spectroscopy. Chemical Reviews, 2017, 117, 10623-10664.	23.0	114
8	Ultrafast Vibrational Energy Transfer in Catalytic Monolayers at Solidâ€“Liquid Interfaces. Journal of Physical Chemistry Letters, 2017, 8, 2489-2495.	2.1	31
9	Molecule-specific interactions of diatomic adsorbates at metal-liquid interfaces. Structural Dynamics, 2017, 4, 044009.	0.9	10
10	Ultrafast structural molecular dynamics investigated with 2D infrared spectroscopy methods. Topics in Current Chemistry, 2017, 375, 86.	3.0	28
11	Vibrational ladder-climbing in surface-enhanced, ultrafast infrared spectroscopy. Physical Chemistry Chemical Physics, 2016, 18, 16088-16093.	1.3	34
12	Surface-Sensitive Spectro-electrochemistry Using Ultrafast 2D ATR IR Spectroscopy. Journal of Physical Chemistry C, 2016, 120, 2883-2892.	1.5	58
13	Surface Enhancement in Ultrafast 2D ATR IR Spectroscopy at the Metal-Liquid Interface. Journal of Physical Chemistry C, 2016, 120, 3350-3359.	1.5	57
14	Surface-enhanced, multi-dimensional attenuated total reflectance spectroscopy. Proceedings of SPIE, 2015, , .	0.8	12
15	2D attenuated total reflectance infrared spectroscopy reveals ultrafast vibrational dynamics of organic monolayers at metal-liquid interfaces. Journal of Chemical Physics, 2015, 142, 212413.	1.2	30
16	Ultrafast, Multidimensional Attenuated Total Reflectance Spectroscopy of Adsorbates at Metal Surfaces. Journal of Physical Chemistry Letters, 2014, 5, 2325-2329.	2.1	42
17	On the Investigation of Excited State Dynamics with (Pump-)Degenerate Four Wave Mixing. Springer Series in Chemical Physics, 2014, , 205-230.	0.2	2
18	Coherent High-Frequency Vibrational Dynamics in the Excited Electronic State of All-Trans Retinal Derivatives. Journal of Physical Chemistry Letters, 2013, 4, 383-387.	2.1	26

#	Article	IF	Citations
19	Mapping multidimensional excited state dynamics using pump-impulsive-vibrational-spectroscopy and pump-degenerate-four-wave-mixing. Physical Chemistry Chemical Physics, 2013, 15, 14487.	1.3	58
20	High frequency vibrational coherences and coupling in the excited state of polyenic biochromophores. , 2013, , .		0
21	Resonant Two-Photon Excitation Pathways During Retinal-Isomerization in Bacteriorhodopsin. EPJ Web of Conferences, 2013, 41, 07019.	0.1	1
22	Vibronic Coupling in Excited Electronic States Investigated with Resonant 2D Raman Spectroscopy. EPJ Web of Conferences, 2013, 41, 05018.	0.1	4
23	Evidence for the Two-State-Two-Mode model in retinal protonated Schiff-bases from pump degenerate four-wave-mixing experiments. Physical Chemistry Chemical Physics, 2012, 14, 13979.	1.3	21
24	Vibrational analysis of excited and ground electronic states of all-trans retinal protonated Schiff-bases. Physical Chemistry Chemical Physics, 2011, 13, 21402.	1.3	22
25	Groundâ€•and Excitedâ€State Vibrational Coherence Dynamics in Bacteriorhodopsin Probed With Degenerate Fourâ€Waveâ€Mixing Experiments. ChemPhysChem, 2011, 12, 1851-1859.	1.0	34
26	Selective nonlinear response preparation using femtosecond spectrally resolved four-wave-mixing. Journal of Chemical Physics, 2011, 135, 224505.	1.2	15