

# Jacob Ramsay

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6024045/publications.pdf>

Version: 2024-02-01

11  
papers

964  
citations

1307594

7  
h-index

1372567

10  
g-index

12  
all docs

12  
docs citations

12  
times ranked

1184  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mid-infrared supercontinuum covering the 1.4–13.3 $\mu\text{m}$ molecular fingerprint region using ultra-high NA chalcogenide step-index fibre. <i>Nature Photonics</i> , 2014, 8, 830-834.	31.4	811
2	Solvent-Driven Reductive Activation of $\text{CO}_2$ by Bismuth: Switching from Metalloformate Complexes to Oxalate Products. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 15171-15174.	13.8	49
3	Generation of infrared supercontinuum radiation: spatial mode dispersion and higher-order mode propagation in ZBLAN step-index fibers. <i>Optics Express</i> , 2013, 21, 10764.	3.4	26
4	Interaction of $\text{CO}_2$ with Atomic Manganese in the Presence of an Excess Negative Charge Probed by Infrared Spectroscopy of $[\text{Mn}(\text{CO})_2]_n^+$ Clusters. <i>Journal of Physical Chemistry A</i> , 2017, 121, 7534-7542.	2.5	24
5	Up-conversion of a megahertz mid-IR supercontinuum. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2013, 30, 2570.	2.1	17
6	Near-Infrared Spectroscopy Using a Supercontinuum Laser: Application to Long Wavelength Transmission Spectra of Barley Endosperm and Oil. <i>Applied Spectroscopy</i> , 2016, 70, 1176-1185.	2.2	12
7	Pulse-to-pulse noise reduction in infrared supercontinuum spectroscopy: polarization and amplitude fluctuations. <i>Laser Physics Letters</i> , 2014, 11, 095702.	1.4	9
8	Long wavelength near-infrared transmission spectroscopy of barley seeds using a supercontinuum laser: Prediction of mixed-linkage beta-glucan content. <i>Analytica Chimica Acta</i> , 2017, 986, 101-108.	5.4	8
9	Solvens-induzierte reduktive Aktivierung von $\text{CO}_2$ durch Bismut und Änderung des Reaktionsprodukts von Metalloformiat nach Oxalat. <i>Angewandte Chemie</i> , 2016, 128, 15396-15399.	2.0	7
10	Mid-Infrared Supercontinuum Generation Spanning More Than 11 $\mu\text{m}$ in a Chalcogenide Step-Index Fiber. , 2015, , .		0
11	Innentitelbild: Solvens-induzierte reduktive Aktivierung von $\text{CO}_2$ durch Bismut und Änderung des Reaktionsprodukts von Metalloformiat nach Oxalat (Angew. Chem. 48/2016). <i>Angewandte Chemie</i> , 2016, 128, 15098-15098.	2.0	0