

# Anita Dawes

## List of Publications by Year in descending order

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Version: 2024-02-01

14  
papers

278  
citations

1307594

7  
h-index

1058476

14  
g-index

15  
all docs

15  
docs citations

15  
times ranked

350  
citing authors

#	ARTICLE	IF	CITATIONS
1	Systematic investigation of CO <sub>2</sub> : NH <sub>3</sub> ice mixtures using mid-IR and VUV spectroscopy – part 2: electron irradiation and thermal processing. RSC Advances, 2021, 11, 33055-33069.	3.6	2
2	The rise of an exciton in solid ammonia. Chemical Communications, 2021, , .	4.1	2
3	Systematic investigation of CO <sub>2</sub> : NH <sub>3</sub> ice mixtures using mid-IR and VUV spectroscopy – part 1: thermal processing. RSC Advances, 2020, 10, 37515-37528.	3.6	6
4	Crystallites and Electric Fields in Solid Ammonia. ChemistryOpen, 2020, 9, 983-990.	1.9	8
5	Systematic Study on the Absorption Features of Interstellar Ices in the Presence of Impurities. ACS Earth and Space Chemistry, 2020, 4, 920-946.	2.7	6
6	The optical absorption spectra of spontaneously electrical solids: the case of nitrous oxide. Physical Chemistry Chemical Physics, 2019, 21, 1190-1197.	2.8	7
7	VUV spectroscopy of an electron irradiated benzene-carbon dioxide interstellar ice analogue. RSC Advances, 2019, 9, 5453-5459.	3.6	2
8	Probing the interaction between solid benzene and water using vacuum ultraviolet and infrared spectroscopy. Physical Chemistry Chemical Physics, 2018, 20, 15273-15287.	2.8	20
9	Vacuum ultraviolet photoabsorption spectroscopy of crystalline and amorphous benzene. Physical Chemistry Chemical Physics, 2017, 19, 27544-27555.	2.8	41
10	Using the C=O stretch to unravel the nature of hydrogen bonding in low-temperature solid methanol-water condensates. Physical Chemistry Chemical Physics, 2016, 18, 1245-1257.	2.8	21
11	Morphological study into the temperature dependence of solid ammonia under astrochemical conditions using vacuum ultraviolet and Fourier-transform infrared spectroscopy. Journal of Chemical Physics, 2007, 126, 244711.	3.0	49
12	Low energy <sup>13</sup> C <sup>+</sup> and <sup>13</sup> C <sub>2</sub> <sup>+</sup> ion irradiation of water ice. Physical Chemistry Chemical Physics, 2007, 9, 2886.	2.8	11
13	VUV spectroscopy and photo-processing of astrochemical ices: an experimental study. Faraday Discussions, 2006, 133, 311.	3.2	98
14	VUV Spectroscopy of Extraterrestrial Ices. AIP Conference Proceedings, 2006, , .	0.4	5