

# Anna-Carin C Carlsson

## List of Publications by Year in descending order

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476  
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#	ARTICLE	IF	CITATIONS
1	Symmetric Halogen Bonding Is Preferred in Solution. Journal of the American Chemical Society, 2012, 134, 5706-5715.	13.7	159
2	Counterion influence on the Nâ€“Iâ€“N halogen bond. Chemical Science, 2015, 6, 3746-3756.	7.4	100
3	Substituent Effects on the [Nâ€“Iâ€“N] <sup>+</sup> Halogen Bond. Journal of the American Chemical Society, 2016, 138, 9853-9863.	13.7	89
4	Solvent effects on halogen bond symmetry. CrystEngComm, 2013, 15, 3087.	2.6	66
5	The nature of [Nâ€“Clâ€“N] <sup>+</sup> and [Nâ€“Fâ€“N] <sup>+</sup> halogen bonds in solution. Chemical Science, 2014, 5, 3226-3233.	7.4	66
6	Carbonâ€™s Three-Center, Four-Electron Tetrel Bond, Treated Experimentally. Journal of the American Chemical Society, 2018, 140, 17571-17579.	13.7	53
7	Halogen Bonding in Solution. Topics in Current Chemistry, 2014, 359, 49-76.	4.0	37
8	Catalytic Activity of <i>trans</i> -Bis(pyridine)gold Complexes. Journal of the American Chemical Society, 2020, 142, 6439-6446.	13.7	25
9	Solvent Effects on Nitrogen Chemical Shifts. Annual Reports on NMR Spectroscopy, 2015, 86, 73-210.	1.5	15
10	Synthetic and Chromatographic Challenges and Strategies for Multigram Manufacture of KRAS <sup>G12C</sup> Inhibitors. Organic Process Research and Development, 2022, 26, 710-729.	2.7	12
11	How well does molecular simulation reproduce environment-specific conformations of the intrinsically disordered peptides PLP, TP2 and ONEG?. Chemical Science, 2022, 13, 1957-1971.	7.4	7