

## Jonathan Clayden — Publications (to Sept 2021)

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299. *Scalable synthesis and coupling of quaternary  $\alpha$ -arylated amino acids:  $\alpha$ -aryl substituents are tolerated in  $\alpha$ -helical peptides*  
Daniel J. Leonard, Francis Zieleniewski, Isabelle Wellhöfer, Emily G. Baker, John W. Ward, Derek N. Woolfson, and Jonathan Clayden, *Chem. Sci.*, 2021, **12**, 9386-9390.
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297. *Triarylmethanes and their Medium-Ring Analogues by Unactivated Truce-Smiles Rearrangement of Benzanilides*  
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295. *Insight into mechanism of action and peptide-membrane interactions of Aib-rich peptides: multi-technique experimental and theoretical analysis*  
Maria Giovanna Lizio, Mario Campana, Matteo De Poli, Damien F. Jefferies, William Cullen, Valery Andrushchenko, Nikola P. Chmel, Petr Bouř, Syma Khalid, Jonathan Clayden, Ewan Blanch, Alison Rodger, and Simon J. Webb, *ChemBioChem*, 2021, **22**, 1656-1667.
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293. *Automated solid-phase concatenation of Aib residues to form long, water-soluble, helical peptides*  
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292. *Atropisomerism in diarylamines: structural requirements and mechanisms of conformational interconversion*  
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291. *Switchable foldamer ion channels with antibacterial activity*  
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286. *Fluorine and amide groups together at last*  
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285. *Remote conformational responses to enantiomeric excess in carboxylate-binding dynamic foldamers*  
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271. *Optically-Active Vibrational Spectroscopy of  $\alpha$ -Aminoisobutyric Acid Foldamers in Organic Solvents and Phospholipid Bilayers*  
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