

David A Leigh, Publication List (26 March 2021)

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293. 'Sequence-selective decapeptide synthesis by the parallel operation of two artificial molecular machines', J Echavarren, M A Y Gall, A Haertsch, D A Leigh, J T J Spence, D J Tetlow and C Tian, *J Am Chem Soc*, published online 25 March 2021.
292. 'A doubly kinetically-gated information ratchet autonomously driven by carbodiimide hydration', S Borsley, D A Leigh and B M W Roberts, *J Am Chem Soc*, **143**, 4414-4420 (2021).
291. 'Site-to-site peptide transport on a molecular platform using a small-molecule robotic arm', S Kassem, A T L Lee, D A Leigh, A Markevicius, D J Tetlow and N Toriumi, *Chem Sci*, **12**, 2065-2070 (2021).
290. 'Effects of turn-structure on folding and entanglement in artificial molecular overhand knots', Y Song, F Schaufelberger, Z Ashbridge, L Pirvu, I J Vitorica-Yrezabal and D A Leigh, *Chem Sci*, **12**, 1826-1833 (2021).
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288. 'A chiral cyclometalated Iridium Star of David [2]catenane', D P August, J Jaramillo-Garcia, D A Leigh, A Valero and I J Vitorica-Yrezabal, *J Am Chem Soc*, **143**, 1154-1161 (2021).
[For highlights of this paper see, 'Star of David catenane shines with both Ir and Zn', *Chem & Eng News*, **99**(2), (2021); 'Chiral star-shaped catenane', *ChemistryViews.Org*, 19 Jan 2021]
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286. 'Self-assembly of a layered two-dimensional molecularly woven fabric', D P August, R A W Dryfe, S J Haigh, P R C Kent, D A Leigh, J-F Lemonnier, Z Li, C A Murny, L I Palmer, Y Song, G F S Whitehead and R J Young, *Nature*, **588**, 429-435 (2020).
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[For a highlight of this paper see, 'Knotted molecules can transfer chirality from the nano to the macroscale', *Chem World*, 6 Aug 2020]
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[Featured in *Nat Commun Focus: Nanoscale & Supramolecular Chemistry*, 6 Feb 2020; for a highlight of this paper see: 'Party of Rotaxanes', T M Swager, Q He, *Synfacts*, **16**, 0405 (2020)]

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