# Stephen F Lincoln

List of Publications by Year
in descending order



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|---|---|---|---|
| 50 papers | 694 citations | 567247 15 h-index | 610883 24 g-index |
| 51 all docs | 51 docs citations | 51 times ranked | 998 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Preparation of a poly(acrylic acid) based hydrogel with fast adsorption rate and high adsorption capacity for the removal of cationic dyes. RSC Advances, 2019, 9, 21075-21085. | 3.6 | 70 |
| 2 | The Synthesis and Fluorescent Properties of Analogues of the Zinc(II) Specific Fluorophore Zinquin Ester. Journal of Organic Chemistry, 2000, 65, 8204-8209. | 3.2 | 56 |
| 3 | Redox-Controlled Voltage Responsive Micelles Assembled by Noncovalently Grafted Polymers for Controlled Drug Release. Macromolecules, 2019, 52, 1400-1407. | 4.8 | 43 |
| 4 | Supramolecular polymer assembly in aqueous solution arising from cyclodextrin hostâ€“guest complexation. Beilstein Journal of Organic Chemistry, 2016, 12, 50-72. | 2.2 | 37 |
| 5 | A Model for Sequential Threading of Î±-Cyclodextrin onto a Guest:Â A Complete Thermodynamic and Kinetic Study in Water. Journal of the American Chemical Society, 2001, 123, 10290-10298. | 13.7 | 32 |
| 6 | Cyclodextrin Hydrogels: Rapid Removal of Aromatic Micropollutants and Adsorption Mechanisms. Journal of Chemical & Engineering Data, 2020, 65, 678-689. | 1.9 | 32 |
| 7 | Complexation of alkali metal and alkaline earth ions by anthracene based fluorophores with one and two appended monoaza coronand receptorsElectronic supplementary information (ESI) available: figs. S1â€“S20: additional emission spectra. See http://www.rsc.org/suppdata/dt/b2/b210269b/. Dalton Transactions, 2003, , 521-526. | 3.3 | 25 |
| 8 | Photoâ€Reversible Supramolecular Hydrogels Assembled by Î±â€Cyclodextrin and Azobenzene Substituted Poly(acrylic acid)s: Effect of Substitution Degree, Concentration, and Tethered Chain Length. Macromolecular Materials and Engineering, 2016, 301, 191-198. | 3.6 | 24 |
| 9 | A Cyclodextrin Molecular Reactor for the Regioselective Synthesis of 1,5-disubstituted-1,2,3-triazoles. Supramolecular Chemistry, 2005, 17, 547-555. | 1.2 | 22 |
| 10 | Aggregation and Hostâ€“Guest Interactions in Dansyl-Substituted Poly(acrylate)s in the Presence of Î²-Cyclodextrin and a Î²-Cyclodextrin Dimer in Aqueous Solution: A UVâ€“Vis, Fluorescence, <sup>1</sup>H NMR, and Rheological Study. Macromolecules, 2011, 44, 9782-9791. | 4.8 | 20 |
| 11 | Alkali Metal Complexes of the Pendant Arm Macrocyclic Ligand 1,4,7,10-Tetrakis(2-methoxyethyl)-1,4,7,10-tetraazacyclododecane. An Equilibrium and Inter- and Intramolecular Exchange Study. Inorganic Chemistry, 1996, 35, 2019-2024. | 4.0 | 17 |
| 12 | | | |

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|---|---|---|---|
| 19 | Excited-state dynamics of the medicinal pigment curcumin in a hydrogel. Physical Chemistry Chemical Physics, 2016, 18, 28125-28133. | 2.8 | 12 |
| 20 | Molecular Tweezers with Freely Rotating Linker and Porphyrin Moieties. European Journal of Organic Chemistry, 2013, 2013, 2985-2993. | 2.4 | 11 |
| 21 | Molecular tweezers with a rotationally restricted linker and freely rotating porphyrin moieties. Organic and Biomolecular Chemistry, 2018, 16, 6206-6223. | 2.8 | 11 |
| 22 | External Coordination of Europium(III) Prior to Its Encapsulation within a Cyclen-Based Pendant Donor Macrocycle. Inorganic Chemistry, 1998, 37, 2846-2847. | 4.0 | 10 |
| 23 | Intramolecular complexation in modified Î²-cyclodextrins:â€ a preparative, nuclear magnetic resonance and pH titration study. Journal of the Chemical Society, Perkin Transactions 1, 2000, , 1251-1258. | 1.3 | 9 |
| 24 | Diastereomeric discrimination in 1,4,7-tris((Sâ€Š)-2-hydroxypropyl)-1,4,7-triazacyclononane and its lithium(I), sodium(I) and zinc(II) complexes. Dalton Transactions RSC, 2001, , 2157-2163. | 2.3 | 9 |
| 25 | Centrosymmetric and Non-centrosymmetric Packing of Aligned Molecular Fibers in the Solid State Self Assemblies of Cyclodextrin-based Rotaxanes. Supramolecular Chemistry, 2006, 18, 529-536. | 1.2 | 9 |
| 26 | Aggregation of Hydrophobic Substituents of Poly(acrylate)s and Their Competitive Complexation by Î²- and Î³-Cyclodextrins and Their Linked Dimers in Aqueous Solution. Industrial & Engineering Chemistry Research, 2011, 50, 7566-7571. | 3.7 | 9 |
| 27 | Cyclodextrins to limit substrate inhibition and alter substrate selectivity displayed by enzymes. Journal of the Chemical Society, Perkin Transactions 1, 2001, , 584-587. | 1.3 | 8 |
| 28 | Synthesis and coordination chemistry of 1,4,7,10,13-pentakis(2-hydroxyethyl)-1,4,7,10,13-pentaazacyclopentadecane: a five armed pendant donor macrocycle. Dalton Transactions RSC, 2002, , 3571-3577. | 2.3 | 8 |
| 29 | Steric effects and competitive intraâ€•and intermolecular hostâ€guest complexation between betaâ€cyclodextrin and adamantyl substituted poly(acrylate)s in water: A <sup>1</sup>H NMR, rheological and preparative study. Journal of Polymer Science, Part B: Polymer Physics, 2010, 48, 1818-1825. | 2.1 | 8 |
| 30 | Reversible photo-responsive vesicle based on the complexation between an azobenzene containing molecule and Î±-cyclodextrin. RSC Advances, 2015, 5, 32846-32852. | 3.6 | 8 |
| 31 | Direct Synthesis of an Oligomeric Series of Interlocked, Cyclodextrinâ€Based [c2]Daisy Chains. European Journal of Organic Chemistry, 2019, 2019, 3495-3502. | 2.4 | 8 |
| 32 | Rheology control by modulating hydrophobic and inclusive associations of sideâ€groups in poly (acrylic acid). Asia-Pacific Journal of Chemical Engineering, 2009, 4, 537-543. | 1.5 | 7 |
| 33 | Generation of Fluorescent and Stable Conjugated Polymer Nanoparticles with Hydrophobically Modified Poly(acrylate)s. Macromolecules, 2016, 49, 8530-8539. | 4.8 | 6 |
| 34 | Complexation by Î±- and Î²-cyclodextrinÎ±- and Î²-cyclodextrin = cyclomaltohexaose and cyclomaltoheptaose, respectively. C(6) linked homo- and hetero-dimers of Brilliant Yellow tetraanion: a study of hostâ€“guest size relationshipsElectronic supplementary information (ESI) available: Figs. S1â€“S4 with spectra. See http://www.rsc.org/suppdata/p2/b2/b200026c/. Perkin Transactions II RSC, 2002, , 947-952. | 1.1 | 5 |
| 35 | Metal ion-activated molecular receptors for aromatic anions with receptor cavities formed from 1- or 2-naphthyloxy moieties appended to cyclen. Dalton Transactions, 2003, , 3028. | 3.3 | 5 |
| 36 | Solvent induced selectivity switching in aromatic-anion binding molecular receptors. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2010, 67, 483-487. | 1.6 | 5 |

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| 37 | Options for Change in the Australian Energy Profile. Ambio, 2012, 41, 841-850. | 5.5 | 5 |
| 38 | Complexation of dodecyl-substituted poly(acrylate) by linked Î²-cyclodextrin dimers and trimers in aqueous solution. Journal of Polymer Science Part A, 2015, 53, 1278-1286. | 2.3 | 5 |
| 39 | Dimerisation and complexation of 6-(4â€²-t-butylphenylamino)naphthalene-2-sulphonate by Î²-cyclodextrin and linked Î²-cyclodextrin dimers. Supramolecular Chemistry, 2009, 21, 510-519. | 1.2 | 4 |
| 40 | Î²-Cyclodextrin- and adamantyl-substituted poly(acrylate) self-assembling aqueous networks designed for controlled complexation and release of small molecules. Beilstein Journal of Organic Chemistry, 2017, 13, 1879-1892. | 2.2 | 4 |
| 41 | Silica-attached molecular receptor complexes for benzoates and naphthoates. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2010, 68, 261-270. | 1.6 | 3 |
| 42 | Fluorescence signaling of aromatic oxoanion inclusion within metal-ion activated molecular receptor complexes formed from 2-(9-anthracenylmethylamino)ethyl-appended cyclen. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2011, 71, 567-575. | 1.6 | 3 |
| 43 | Complexation of Crystal Violet, Pyronine B, and Rhodamine B by Linked Î²-Cyclodextrin Trimers. Australian Journal of Chemistry, 2013, 66, 1057. | 0.9 | 3 |
| 44 | Cyclodextrin Complexation of the Stilbene 4-(2-(4-Tert-butylphenyl)ethen-1-yl)- benzoate and the Self-assembly of Molecular Devices. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2004, 50, 13-18. | 1.6 | 2 |
| 45 | Hostâ€Guest Chemistry of Linked Î²â€•and Î³â€Cyclodextrin Dimers and 1â€•and 2â€Naphthylâ€Sulfonamide Substituted Poly(acrylate)s in Aqueous Solution. ChemistrySelect, 2017, 2, 1421-1430. | 1.5 | 2 |
| 46 | Fossil fuels in the 21st century. Ambio, 2005, 34, 621-7. | 5.5 | 2 |
| 47 | A Cyclodextrinâ€Based Photoresponsive Molecular Gate that Functions Independently of Either Solvent or Potentially Competitive Guests. Chemistry - an Asian Journal, 2015, 10, 2328-2332. | 3.3 | 1 |
| 48 | Size discrimination in intramolecular complexation of modified Î±-cyclodextrins:Î±-Cyclodextrin = cyclomaltohexaose. a preparative and nuclear magnetic resonance studyElectronic supplementary information (ESI) available: ROESY spectra of 4â€², 5, 1â€², 3 and 1. See http://www.rsc.org/suppdata/p1/b1/b107324a/. Journal of the Chemical Society, Perkin Transactions 1, 2001, , 3361-3364. | 1.3 | 0 |
| 49 | Cyclodextrin Complexation of the Stilbene 4-(2-(4-Tert-butylphenyl)ethen-1-yl)- benzoate and the Self-assembly of Molecular Devices. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2004, 50, 13-18. | 1.6 | 0 |
| 50 | A Novel Associative Polymer Network based on Cyclodextrin Inclusion with Tunable Rheological Properties. Materials Research Society Symposia Proceedings, 2006, 947, 1. | 0.1 | 0 |