Linda S Shimizu

List of Publications by Year
in descending order

61 papers	1,624 citations	331670 21 h-index	302126 39 g-index
63 all docs	63 docs citations	63 times ranked	1823 citing authors

#	Article	IF	Citations
1	Selective Loading of Xylene Isomers in Self-Assembled Triphenylamine bis-Urea Macrocycles. Crystal Growth and Design, 2022, 22, 1017-1023.	3.0	5
2	Antiâ€cooperative Selfâ€Assembly with Maintained Emission Regulated by Conformational and Steric Effects. Angewandte Chemie - International Edition, 2022, 61, .	13.8	20
3	Structural and functional characterization of Î²-cyanoalanine synthase from Tetranychus urticae. Insect Biochemistry and Molecular Biology, 2022, 142, 103722.	2.7	2
4	Evaluating the Effects of Metal Adduction and Charge Isomerism on Ion-Mobility Measurements using m-Xylene Macrocycles as Models. Journal of the American Society for Mass Spectrometry, 2022, 33, 840-850.	2.8	8
5	Comparative structural and mechanistic studies of 4-hydroxy-tetrahydrodipicolinate reductases from Mycobacterium tuberculosis and Vibrio vulnificus. Biochimica Et Biophysica Acta - General Subjects, 2021, 1865, 129750.	2.4	0
6	From Incident Light to Persistent and Regenerable Radicals of Urea-Assembled Benzophenone Frameworks: A Structural Investigation. Journal of Physical Chemistry A, 2021, 125, 1336-1344.	2.5	8
7	Multi-dimensional copper(I) and silver (I) coordination polymers assembled with a pyridyl bis-urea macrocyclic ligand. Polyhedron, 2021, 201, 115170.	2.2	0
8	Effects of Self-Assembly on the Photogeneration of Radical Cations in Halogenated Triphenylamines. Journal of Physical Chemistry C, 2021, 125, 19991-20002.	3.1	5
9	Assembled triphenylamine bis-urea macrocycles: exploring photodriven electron transfer from host to guests. Physical Chemistry Chemical Physics, 2021, 23, 23953-23960.	2.8	5
10	Guest Inclusion Modulates Concentration and Persistence of Photogenerated Radicals in Assembled Triphenylamine Macrocycles. Journal of the American Chemical Society, 2020, 142, 502-511.	13.7	23
11	Small Molecule Binds with Lymphocyte Antigen 6K to Induce Cancer Cell Death. Cancers, 2020, 12, 509.	3.7	9
12	Selective hostâ€“guest chemistry, self-assembly and conformational preferences of m-xylene macrocycles probed by ion-mobility spectrometry mass spectrometry. Physical Chemistry Chemical Physics, 2020, 22, 9290-9300.	2.8	9
13	Interplay between Hydrogen and Halogen Bonding in Cocrystals of Dipyridinylmethyl Oxalamides and Tetrafluorodiiodobenzenes. Crystal Growth and Design, 2019, 19, 5776-5783.	3.0	9
14	UV-irradiation of self-assembled triphenylamines affords persistent and regenerable radicals. Chemical Science, 2019, 10, 2670-2677.	7.4	29
15	Probing the Formation of Reactive Oxygen Species by a Porous Self-Assembled Benzophenone Bis-Urea Host. ACS Omega, 2019, 4, 8290-8298.	3.5	7
16	Single-crystal-to-single-crystal guest exchange in columnar assembled brominated triphenylamine bis-urea macrocycles. Chemical Communications, 2019, 55, 5619-5622.	4.1	21
17	Thioureas and Squaramides: Comparison with Ureas as Assembly Directing Motifs for m-Xylene Macrocycles. Crystal Growth and Design, 2018, 18, 1605-1612.	3.0	10
18	Synergistic effects of hydrogen and halogen bonding in co-crystals of dipyridylureas and diiodotetrafluorobenzenes. Supramolecular Chemistry, 2018, 30, 315-327.	1.2	10

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19	Enhancing the Stability of Photogenerated Benzophenone Triplet Radical Pairs through Supramolecular Assembly. Journal of the American Chemical Society, 2018, 140, 13064-13070.	13.7	15
20	Temperature-induced pseudopolymorphism of molecular salts from a pyridyl bis-urea macrocycle and naphthalene-1,5-disulfonic acid. Acta Crystallographica Section C, Structural Chemistry, 2018, 74, 75-81.	0.5	1
21	Persistent Radicals of Selfâ€assembled Benzophenone bisâ€Urea Macrocycles: Characterization and Application as a Polarizing Agent for Solidâ€state DNP MAS Spectroscopy. Chemistry - A European Journal, 2017, 23, 8315-8319.	3.3	11
22	Pillars of assembled pyridyl bis-urea macrocycles: a robust synthon to organize diiodotetrafluorobenzenes. CrystEngComm, 2017, 19, 484-491.	2.6	10
23	Fluorescence Polarization Measurements to Probe Alignment of a Bithiophene Dye in One-Dimensional Channels of Self-Assembled Phenylethynylene Bis-Urea Macrocycle Crystals. Journal of Physical Chemistry C, 2017, 121, 18102-18109.	3.1	10
24	Structural, electrochemical and photophysical properties of an exocyclic di-ruthenium complex and its application as a photosensitizer. Dalton Transactions, 2016, 45, 9601-9607.	3.3	6
25	Pyridyl-phenylethynylene bis-urea macrocycles: self-assembly and utility as a nanoreactor for the selective photoreaction of isoprene. RSC Advances, 2016, 6, 98350-98355.	3.6	12
26	Crystal Structures and Hirshfeld Surface Analyses of 6-Substituted Chromones. Journal of Chemical Crystallography, 2016, 46, 170-180.	1.1	9
27	Modulating the reactivity of chromone and its derivatives through encapsulation in a self-assembled phenylethynylene bis-urea host. Journal of Photochemistry and Photobiology A: Chemistry, 2016, 315, 14-24.	3.9	10
28	Squeezing xenon into phenylether bis-urea nanochannels. Canadian Journal of Chemistry, 2015, 93, 1031-1034.	1.1	4
29	Crystalline Bis-urea Nanochannel Architectures Tailored for Single-File Diffusion Studies. ACS Nano, 2015, 9, 6343-6353.	14.6	20
30	Self-assembly and ring-opening metathesis polymerization of a bifunctional carbonateâ€“stilbene macrocycle. RSC Advances, 2014, 4, 1675-1682.	3.6	8
31	Single Crystal to Single Crystal Polymerization of a Self-Assembled Diacetylene Macrocycle Affords Columnar Polydiacetylenes. Crystal Growth and Design, 2014, 14, 993-1002.	3.0	53
32	Applications of a Bis-Urea Phenylethynylene Self-Assembled Nanoreactor for [2 + 2] Photodimerizations. Journal of Physical Chemistry A, 2014, 118, 10563-10574.	2.5	18
33	Functional Materials from Self-Assembled Bis-urea Macrocycles. Accounts of Chemical Research, 2014, 47, 2116-2127.	15.6	123
34	Short, strong halogen bonding in co-crystals of pyridyl bis-urea macrocycles and iodoperfluorocarbons. CrystEngComm, 2013, 15, 9923.	2.6	8
35	Self-Assembled Benzophenone Bis-urea Macrocycles Facilitate Selective Oxidations by Singlet Oxygen. Journal of Organic Chemistry, 2013, 78, 5568-5578.	3.2	25
36	A Chiroptical Probe for Sensing Metal Ions in Water. European Journal of Organic Chemistry, 2013, 2013, 6078-6083.	2.4	40

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37	Absorption of Hydrogen Bond Donors by Pyridyl Bis-Urea Crystals. Chemistry of Materials, 2012, 24, 4773-4781.	6.7	9
38	A trinuclear silver coordination polymer from a bipyridine bis-urea macrocyclic ligand and silver triflate. Inorganic Chemistry Communication, 2012, 15, 88-92.	3.9	21
39	Guest induced transformations of assembled pyridyl bis-urea macrocycles. Chemical Communications, 2011, 47, 277-279.	4.1	31
40	A bis-urea naphthalene macrocycle displaying two crystal structures with parallel ureas. CrystEngComm, 2011, 13, 3665.	2.6	2
41	Self-Assembled Phenylethynylene Bis-urea Macrocycles Facilitate the Selective Photodimerization of Coumarin. Journal of the American Chemical Society, 2011, 133, 7025-7032.	13.7	111
42	1D coordination network formed by a cadmium based pyridyl urea helical monomer. Inorganica Chimica Acta, 2011, 376, 598-604.	2.4	3
43	Thermal Reaction of a Columnar Assembled Diacetylene Macrocycle. Journal of the American Chemical Society, 2010, 132, 5334-5335.	13.7	111
44	Alkali Metal Ions As Probes of Structure and Recognition Properties of Macrocyclic Pyridyl Urea Hosts. Journal of Organic Chemistry, 2010, 75, 5453-5460.	3.2	14
45	Examination of the Structural Features That Favor the Columnar Self-Assembly of Bis-urea Macrocycles. Journal of Organic Chemistry, 2009, 74, 102-110.	3.2	48
46	Macrocycles with Switchable exo/endo Metal Binding Sites. Journal of the American Chemical Society, 2009, 131, 17620-17629.	13.7	33
47	Control of the Intramolecular [2+2] Photocycloaddition in a Bis-Stilbene Macrocycle. Journal of Organic Chemistry, 2009, 74, 4874-4877.	3.2	30
48	Inclusion of electrochemically active guests by novel oxacalixarene hosts. New Journal of Chemistry, 2008, 32, 24-27.	2.8	26
49	Manipulating the cavity of a porous material changes the photoreactivity of included guests. Chemical Communications, 2008, , 3909.	4.1	34
50	Origins of Selectivity for the [2+2] Cycloaddition of Î±,Î²-unsaturated Ketones within a Porous Self-assembled Organic Framework. Journal of the American Chemical Society, 2008, 130, 612-621.	13.7	78
51	Perspectives on main-chain hydrogen bonded supramolecular polymers. Polymer International, 2007, 56, 444-452.	3.1	59
52	Self-Assembling Bisurea Macrocycles Used as an Organic Zeolite for a Highly Stereoselective Photodimerization of 2-Cyclohexenone. Journal of the American Chemical Society, 2006, 128, 8122-8123.	13.7	106
53	Absorption Properties of a Porous Organic Crystalline Apohost Formed by a Self-Assembled Bis-Urea Macrocycle. Chemistry of Materials, 2006, 18, 4855-4864.	6.7	96
54	Assembled Columnar Structures from Bis-Urea Macrocycles. ChemInform, 2005, 36, no.	0.0	0

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55	Assembled Columnar Structures from bis-urea Macrocycles. Supramolecular Chemistry, 2005, 17, 27-30.	1.2	27
56	Urea Capsules. , 2004, , 1-9.		0
57	An N,Nâ€²-diaryl urea based conjugated polymer model system. Tetrahedron Letters, 2004, 45, 3229-3232.	1.4	12
58	Self-Assembled Nanotubes that Reversibly Bind Acetic Acid Guests. Journal of the American Chemical Society, 2003, 125, 14972-14973.	13.7	114
59	Self-assembly of a bis-urea macrocycle into a columnar nanotube. Chemical Communications, 2001, , 1592-1593.	4.1	76
60	For Short Alanine-Lysine Peptides the Helical Propensities of Lysine Residues (sValues) Are Strongly Temperature Dependent. Journal of the American Chemical Society, 1996, 118, 12234-12235.	13.7	13
61	Antiâ€cooperative Selfâ€Assembly with Maintained Emission Regulated by Conformational and Steric Effects. Angewandte Chemie, 0, , .	2.0	6