

Linda S Shimizu

List of Publications by Year in descending order

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61
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331670

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docs citations

63
times ranked

1823
citing authors

#	ARTICLE	IF	CITATIONS
1	Functional Materials from Self-Assembled Bis-urea Macrocycles. <i>Accounts of Chemical Research</i> , 2014, 47, 2116-2127.	15.6	123
2	Self-Assembled Nanotubes that Reversibly Bind Acetic Acid Guests. <i>Journal of the American Chemical Society</i> , 2003, 125, 14972-14973.	13.7	114
3	Thermal Reaction of a Columnar Assembled Diacetylene Macrocycle. <i>Journal of the American Chemical Society</i> , 2010, 132, 5334-5335.	13.7	111
4	Self-Assembled Phenylethynylene Bis-urea Macrocycles Facilitate the Selective Photodimerization of Coumarin. <i>Journal of the American Chemical Society</i> , 2011, 133, 7025-7032.	13.7	111
5	Self-Assembling Bisurea Macrocycles Used as an Organic Zeolite for a Highly Stereoselective Photodimerization of 2-Cyclohexenone. <i>Journal of the American Chemical Society</i> , 2006, 128, 8122-8123.	13.7	106
6	Absorption Properties of a Porous Organic Crystalline Apohost Formed by a Self-Assembled Bis-Urea Macrocycle. <i>Chemistry of Materials</i> , 2006, 18, 4855-4864.	6.7	96
7	Origins of Selectivity for the [2+2] Cycloaddition of $\hat{1}\pm, \hat{1}^2$ -unsaturated Ketones within a Porous Self-assembled Organic Framework. <i>Journal of the American Chemical Society</i> , 2008, 130, 612-621.	13.7	78
8	Self-assembly of a bis-urea macrocycle into a columnar nanotube. <i>Chemical Communications</i> , 2001, , 1592-1593.	4.1	76
9	Perspectives on main-chain hydrogen bonded supramolecular polymers. <i>Polymer International</i> , 2007, 56, 444-452.	3.1	59
10	Single Crystal to Single Crystal Polymerization of a Self-Assembled Diacetylene Macrocycle Affords Columnar Polydiacetylenes. <i>Crystal Growth and Design</i> , 2014, 14, 993-1002.	3.0	53
11	Examination of the Structural Features That Favor the Columnar Self-Assembly of Bis-urea Macrocycles. <i>Journal of Organic Chemistry</i> , 2009, 74, 102-110.	3.2	48
12	A Chiroptical Probe for Sensing Metal Ions in Water. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 6078-6083.	2.4	40
13	Manipulating the cavity of a porous material changes the photoreactivity of included guests. <i>Chemical Communications</i> , 2008, , 3909.	4.1	34
14	Macrocycles with Switchable <i>exo</i> / <i>endo</i> Metal Binding Sites. <i>Journal of the American Chemical Society</i> , 2009, 131, 17620-17629.	13.7	33
15	Guest induced transformations of assembled pyridyl bis-urea macrocycles. <i>Chemical Communications</i> , 2011, 47, 277-279.	4.1	31
16	Control of the Intramolecular [2+2] Photocycloaddition in a Bis-Stilbene Macrocycle. <i>Journal of Organic Chemistry</i> , 2009, 74, 4874-4877.	3.2	30
17	UV-irradiation of self-assembled triphenylamines affords persistent and regenerable radicals. <i>Chemical Science</i> , 2019, 10, 2670-2677.	7.4	29
18	Assembled Columnar Structures from bis-urea Macrocycles. <i>Supramolecular Chemistry</i> , 2005, 17, 27-30.	1.2	27

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19	Inclusion of electrochemically active guests by novel oxacalixarene hosts. <i>New Journal of Chemistry</i> , 2008, 32, 24-27.	2.8	26
20	Self-Assembled Benzophenone Bis-urea Macrocyces Facilitate Selective Oxidations by Singlet Oxygen. <i>Journal of Organic Chemistry</i> , 2013, 78, 5568-5578.	3.2	25
21	Guest Inclusion Modulates Concentration and Persistence of Photogenerated Radicals in Assembled Triphenylamine Macrocyces. <i>Journal of the American Chemical Society</i> , 2020, 142, 502-511.	13.7	23
22	A trinuclear silver coordination polymer from a bipyridine bis-urea macrocyclic ligand and silver triflate. <i>Inorganic Chemistry Communication</i> , 2012, 15, 88-92.	3.9	21
23	Single-crystal-to-single-crystal guest exchange in columnar assembled brominated triphenylamine bis-urea macrocyces. <i>Chemical Communications</i> , 2019, 55, 5619-5622.	4.1	21
24	Crystalline Bis-urea Nanochannel Architectures Tailored for Single-File Diffusion Studies. <i>ACS Nano</i> , 2015, 9, 6343-6353.	14.6	20
25	Anti-cooperative Self-Assembly with Maintained Emission Regulated by Conformational and Steric Effects. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	20
26	Applications of a Bis-Urea Phenylethynylene Self-Assembled Nanoreactor for [2 + 2] Photodimerizations. <i>Journal of Physical Chemistry A</i> , 2014, 118, 10563-10574.	2.5	18
27	Enhancing the Stability of Photogenerated Benzophenone Triplet Radical Pairs through Supramolecular Assembly. <i>Journal of the American Chemical Society</i> , 2018, 140, 13064-13070.	13.7	15
28	Alkali Metal Ions As Probes of Structure and Recognition Properties of Macrocyclic Pyridyl Urea Hosts. <i>Journal of Organic Chemistry</i> , 2010, 75, 5453-5460.	3.2	14
29	For Short Alanine-Lysine Peptides the Helical Propensities of Lysine Residues (sValues) Are Strongly Temperature Dependent. <i>Journal of the American Chemical Society</i> , 1996, 118, 12234-12235.	13.7	13
30	An N,N'-diaryl urea based conjugated polymer model system. <i>Tetrahedron Letters</i> , 2004, 45, 3229-3232.	1.4	12
31	Pyridyl-phenylethynylene bis-urea macrocyces: self-assembly and utility as a nanoreactor for the selective photoreaction of isoprene. <i>RSC Advances</i> , 2016, 6, 98350-98355.	3.6	12
32	Persistent Radicals of Self-Assembled Benzophenone bis-Urea Macrocyces: Characterization and Application as a Polarizing Agent for Solid-State DNP MAS Spectroscopy. <i>Chemistry - A European Journal</i> , 2017, 23, 8315-8319.	3.3	11
33	Modulating the reactivity of chromone and its derivatives through encapsulation in a self-assembled phenylethynylene bis-urea host. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2016, 315, 14-24.	3.9	10
34	Pillars of assembled pyridyl bis-urea macrocyces: a robust synthon to organize diiodotetrafluorobenzenes. <i>CrystEngComm</i> , 2017, 19, 484-491.	2.6	10
35	Fluorescence Polarization Measurements to Probe Alignment of a Bithiophene Dye in One-Dimensional Channels of Self-Assembled Phenylethynylene Bis-Urea Macrocycle Crystals. <i>Journal of Physical Chemistry C</i> , 2017, 121, 18102-18109.	3.1	10
36	Thioureas and Squaramides: Comparison with Ureas as Assembly Directing Motifs for m-Xylene Macrocyces. <i>Crystal Growth and Design</i> , 2018, 18, 1605-1612.	3.0	10

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37	Synergistic effects of hydrogen and halogen bonding in co-crystals of dipyritydylureas and diiodotetrafluorobenzenes. <i>Supramolecular Chemistry</i> , 2018, 30, 315-327.	1.2	10
38	Absorption of Hydrogen Bond Donors by Pyridyl Bis-Urea Crystals. <i>Chemistry of Materials</i> , 2012, 24, 4773-4781.	6.7	9
39	Crystal Structures and Hirshfeld Surface Analyses of 6-Substituted Chromones. <i>Journal of Chemical Crystallography</i> , 2016, 46, 170-180.	1.1	9
40	Interplay between Hydrogen and Halogen Bonding in Cocrystals of Dipyritydylmethyl Oxalamides and Tetrafluorodiodobenzenes. <i>Crystal Growth and Design</i> , 2019, 19, 5776-5783.	3.0	9
41	Small Molecule Binds with Lymphocyte Antigen 6K to Induce Cancer Cell Death. <i>Cancers</i> , 2020, 12, 509.	3.7	9
42	Selective host-guest chemistry, self-assembly and conformational preferences of <i>m</i> -xylene macrocycles probed by ion-mobility spectrometry mass spectrometry. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 9290-9300.	2.8	9
43	Short, strong halogen bonding in co-crystals of pyridyl bis-urea macrocycles and iodoperfluorocarbons. <i>CrystEngComm</i> , 2013, 15, 9923.	2.6	8
44	Self-assembly and ring-opening metathesis polymerization of a bifunctional carbonate stilbene macrocycle. <i>RSC Advances</i> , 2014, 4, 1675-1682.	3.6	8
45	From Incident Light to Persistent and Regenerable Radicals of Urea-Assembled Benzophenone Frameworks: A Structural Investigation. <i>Journal of Physical Chemistry A</i> , 2021, 125, 1336-1344.	2.5	8
46	Evaluating the Effects of Metal Adduction and Charge Isomerism on Ion-Mobility Measurements using <i>m</i> -Xylene Macrocycles as Models. <i>Journal of the American Society for Mass Spectrometry</i> , 2022, 33, 840-850.	2.8	8
47	Probing the Formation of Reactive Oxygen Species by a Porous Self-Assembled Benzophenone Bis-Urea Host. <i>ACS Omega</i> , 2019, 4, 8290-8298.	3.5	7
48	Structural, electrochemical and photophysical properties of an exocyclic di-ruthenium complex and its application as a photosensitizer. <i>Dalton Transactions</i> , 2016, 45, 9601-9607.	3.3	6
49	Anti-cooperative Self-Assembly with Maintained Emission Regulated by Conformational and Steric Effects. <i>Angewandte Chemie</i> , 0, , .	2.0	6
50	Effects of Self-Assembly on the Photogeneration of Radical Cations in Halogenated Triphenylamines. <i>Journal of Physical Chemistry C</i> , 2021, 125, 19991-20002.	3.1	5
51	Assembled triphenylamine <i>bis</i> -urea macrocycles: exploring photodriven electron transfer from host to guests. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 23953-23960.	2.8	5
52	Selective Loading of Xylene Isomers in Self-Assembled Triphenylamine <i>bis</i> -Urea Macrocycles. <i>Crystal Growth and Design</i> , 2022, 22, 1017-1023.	3.0	5
53	Squeezing xenon into phenylether bis-urea nanochannels. <i>Canadian Journal of Chemistry</i> , 2015, 93, 1031-1034.	1.1	4
54	1D coordination network formed by a cadmium based pyridyl urea helical monomer. <i>Inorganica Chimica Acta</i> , 2011, 376, 598-604.	2.4	3

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55	A bis-urea naphthalene macrocycle displaying two crystal structures with parallel ureas. <i>CrystEngComm</i> , 2011, 13, 3665.	2.6	2
56	Structural and functional characterization of $\hat{1}^2$ -cyanoalanine synthase from <i>Tetranychus urticae</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2022, 142, 103722.	2.7	2
57	Temperature-induced pseudopolymorphism of molecular salts from a pyridyl bis-urea macrocycle and naphthalene-1,5-disulfonic acid. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2018, 74, 75-81.	0.5	1
58	Urea Capsules. , 2004, , 1-9.		0
59	Assembled Columnar Structures from Bis-Urea Macrocyces. <i>ChemInform</i> , 2005, 36, no.	0.0	0
60	Comparative structural and mechanistic studies of 4-hydroxy-tetrahydrodipicolinate reductases from <i>Mycobacterium tuberculosis</i> and <i>Vibrio vulnificus</i> . <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2021, 1865, 129750.	2.4	0
61	Multi-dimensional copper(I) and silver (I) coordination polymers assembled with a pyridyl bis-urea macrocyclic ligand. <i>Polyhedron</i> , 2021, 201, 115170.	2.2	0