

# Sheryl L Wiskur

## List of Publications by Year in descending order

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31  
papers

2,335  
citations

394421

19  
h-index

501196

28  
g-index

37  
all docs

37  
docs citations

37  
times ranked

2193  
citing authors

#	ARTICLE	IF	CITATIONS
1	Teaching Old Indicators New Tricks. <i>Accounts of Chemical Research</i> , 2001, 34, 963-972.	15.6	749
2	Achieving Large Color Changes in Response to the Presence of Amino Acids: A Molecular Sensing Ensemble with Selectivity for Aspartate. <i>Journal of the American Chemical Society</i> , 2001, 123, 11296-11297.	13.7	200
3	pKa Values and Geometries of Secondary and Tertiary Amines Complexed to Boronic Acids Implications for Sensor Design. <i>Organic Letters</i> , 2001, 3, 1311-1314.	4.6	181
4	Using a Synthetic Receptor to Create an Optical-Sensing Ensemble for a Class of Analytes: A Colorimetric Assay for the Aging of Scotch. <i>Journal of the American Chemical Society</i> , 2001, 123, 10109-10110.	13.7	151
5	Thermodynamic Analysis of Receptors Based on Guanidinium/Boronic Acid Groups for the Complexation of Carboxylates, $\beta$ -Hydroxycarboxylates, and Diols: Driving Force for Binding and Cooperativity. <i>Chemistry - A European Journal</i> , 2004, 10, 3792-3804.	3.3	139
6	A Multicomponent Sensing Ensemble in Solution: Differentiation between Structurally Similar Analytes. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 2070-2072.	13.8	118
7	Catalytic Asymmetric Synthesis of Esters from Ketenes. <i>Journal of the American Chemical Society</i> , 2005, 127, 6176-6177.	13.7	118
8	Cross-Couplings of Alkyl Electrophiles under "Ligandless" Conditions: Negishi Reactions of Organozirconium Reagents. <i>Journal of the American Chemical Society</i> , 2004, 126, 82-83.	13.7	90
9	Threshold Detection Using Indicator-Displacement Assays: An Application in the Analysis of Malate in Pinot Noir Grapes. <i>Journal of the American Chemical Society</i> , 2004, 126, 6072-6077.	13.7	83
10	Citrate and calcium determination in flavored vodkas using artificial neural networks. <i>Tetrahedron</i> , 2003, 59, 10089-10092.	1.9	73
11	Silylation-Based Kinetic Resolution of Monofunctional Secondary Alcohols. <i>Organic Letters</i> , 2011, 13, 3794-3797.	4.6	71
12	Using Indicator-Displacement Assays in Test Strips and To Follow Reaction Kinetics. <i>Organic Letters</i> , 2004, 6, 2499-2501.	4.6	65
13	Linear Free-Energy Relationship and Rate Study on a Silylation-Based Kinetic Resolution: Mechanistic Insights. <i>Journal of Organic Chemistry</i> , 2014, 79, 2384-2396.	3.2	43
14	Tuning the Specificity of a Synthetic Receptor Using a Selected Nucleic Acid Receptor. <i>Journal of the American Chemical Society</i> , 2004, 126, 16515-16519.	13.7	42
15	Silylation-Based Kinetic Resolution of $\beta$ -Hydroxy Lactones and Lactams. <i>Organic Letters</i> , 2013, 15, 6132-6135.	4.6	42
16	Diastereoselective and Enantioselective Silylation of 2-Arylcyclohexanols. <i>Organic Letters</i> , 2015, 17, 2408-2411.	4.6	38
17	Title is missing!. <i>Angewandte Chemie</i> , 2003, 115, 2116-2118.	2.0	22
18	Understanding Internal Chirality Induction of Triarylsilyl Ethers Formed from Enantiopure Alcohols. <i>Journal of Organic Chemistry</i> , 2016, 81, 8187-8193.	3.2	22

#	ARTICLE	IF	CITATIONS
19	Mechanistic investigations of the Mukaiyama aldol reaction as a two part enantioselective reaction. <i>Tetrahedron Letters</i> , 2009, 50, 1164-1166.	1.4	19
20	Polystyrene-supported Triphenylsilyl Chloride for the Silylation-based Kinetic Resolution of Secondary Alcohols. <i>ChemCatChem</i> , 2015, 7, 1527-1530.	3.7	15
21	Obtaining Enriched Compounds via a Tandem Enantioselective Reaction and Kinetic Resolution Polishing Sequence. <i>Journal of Organic Chemistry</i> , 2012, 77, 3570-3575.	3.2	8
22	Polymers and Kinetic Resolutions: The Insolubility of It All. <i>ChemCatChem</i> , 2016, 8, 879-885.	3.7	6
23	Cycloaddition/Electrocyclic Ring Opening Sequence between Alkynyl Sulfides and Azodicarboxylates To Provide <i>N,N</i> -Dicarbamoyl 2-Iminoimidates. <i>Journal of Organic Chemistry</i> , 2019, 84, 9734-9743.	3.2	6
24	Structure-Activity Relationship of Formamides as Organocatalysts: The Significance of Formamide Structure and Conformation. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 2279-2283.	2.4	5
25	Investigation of Electrostatic Interactions towards Controlling Silylation-based Kinetic Resolutions. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 4827-4831.	2.4	5
26	Exploration of silicon phthalocyanines as viable photocatalysts for organic transformations. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2022, 422, 113547.	3.9	5
27	Mimicking the Mammalian Sense of Taste Through Single-Component and Multicomponent Analyte Sensors. <i>ACS Symposium Series</i> , 2002, , 276-288.	0.5	3
28	Chiral pyridinylloxazolidine ligands and copper chloride complexes. <i>Journal of Coordination Chemistry</i> , 2013, 66, 1166-1177.	2.2	3
29	Mechanistic investigations of alcohol silylation with isothiurea catalysts. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 10181-10188.	2.8	1
30	Catalytic Asymmetric Synthesis of Esters from Ketenes.. <i>ChemInform</i> , 2005, 36, no.	0.0	0
31	Polymer compositions on kinetic resolution of secondary alcohols using polymer-supported silyl chlorides. <i>Polymer Chemistry</i> , 2020, 11, 5011-5018.	3.9	0