

# Lanny S Liebeskind

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3460126/publications.pdf>

Version: 2024-02-01

46  
papers

3,551  
citations

159585

30  
h-index

233421

45  
g-index

52  
all docs

52  
docs citations

52  
times ranked

2271  
citing authors

#	ARTICLE	IF	CITATIONS
1	Thiol Ester-Boronic Acid Coupling. A Mechanistically Unprecedented and General Ketone Synthesis. <i>Journal of the American Chemical Society</i> , 2000, 122, 11260-11261.	13.7	564
2	Heteroaromatic Thioether-Boronic Acid Cross-Coupling under Neutral Reaction Conditions. <i>Organic Letters</i> , 2002, 4, 979-981.	4.6	259
3	Palladium-Catalyzed, Copper(I)-Mediated Coupling of Boronic Acids and Benzylthiocyanate. A Cyanide-Free Cyanation of Boronic Acids. <i>Organic Letters</i> , 2006, 8, 4331-4333.	4.6	193
4	A New Paradigm for Carbon-Carbon Bond Formation: Aerobic, Copper-Templated Cross-Coupling. <i>Journal of the American Chemical Society</i> , 2007, 129, 15734-15735.	13.7	183
5	Ketone Synthesis under Neutral Conditions. Cu(I) Diphenylphosphinate-Mediated, Palladium-Catalyzed Coupling of Thiol Esters and Organostannanes. <i>Organic Letters</i> , 2003, 5, 3033-3035.	4.6	164
6	Substituted Alkyne Synthesis under Nonbasic Conditions: Copper Carboxylate-Mediated, Palladium-Catalyzed Thioalkyne-Boronic Acid Cross-Coupling. <i>Organic Letters</i> , 2001, 3, 91-93.	4.6	163
7	Copper-Mediated, Palladium-Catalyzed Coupling of Thiol Esters with Aliphatic Organoboron Reagents. <i>Journal of Organic Chemistry</i> , 2004, 69, 3554-3557.	3.2	142
8	Ambient Temperature Synthesis of High Enantiopurity N-Protected Peptidyl Ketones by Peptidyl Thiol Ester-Boronic Acid Cross-Coupling. <i>Journal of the American Chemical Society</i> , 2007, 129, 1132-1140.	13.7	133
9	Heteroaromatic Thioether-Organostannane Cross-Coupling. <i>Organic Letters</i> , 2003, 5, 801-802.	4.6	131
10	Thiol Ester-Boronic Acid Cross-Coupling. Catalysis Using Alkylative Activation of the Palladium Thiolate Intermediate. <i>Organic Letters</i> , 2000, 2, 3229-3231.	4.6	111
11	Bio-organometallic Organosulfur Chemistry. Transition Metal-Catalyzed Cross-Coupling Using Coenzyme M or Thioglycolic Acid as the Leaving Group. <i>Journal of the American Chemical Society</i> , 1999, 121, 9449-9450.	13.7	97
12	A New Catalytic Cross-Coupling Approach for the Synthesis of Protected Aryl and Heteroaryl Amidines. <i>Organic Letters</i> , 2002, 4, 983-985.	4.6	94
13	Nonbasic, Room Temperature, Palladium-Catalyzed Coupling of Aryl and Alkenyl Iodides with Boronic Acids Mediated by Copper(I) Thiophene-2-carboxylate (CuTC). <i>Organic Letters</i> , 2001, 3, 2149-2152.	4.6	93
14	Switchable Catalysis: Modular Synthesis of Functionalized Pyrimidinones via Selective Sulfide and Halide Cross-Coupling Chemistry. <i>Organic Letters</i> , 2003, 5, 4349-4352.	4.6	92
15	Palladium-Catalyzed Coupling of Thiol Esters with Aryl and Primary and Secondary Alkyl Organotin Reagents. <i>Journal of Organic Chemistry</i> , 2005, 70, 4851-4853.	3.2	86
16	A Contribution to the Design of Molecular Switches: A Novel Acid-Mediated Ring-Closing-Photochemical Ring-Opening of 2,3-Bis(heteroaryl)quinones (Heteroaryl = Thienyl, Tj ETQq0 0 0 rgB5/Overload 10 Tf 50		
17	Enantiocontrolled Synthesis of Spirooxindoles Based on the [5 + 2] Cycloaddition of a Tp(CO) <sub>2</sub> Mo(pyridinyl) Scaffold (Tp = Hydridotrispyrazolylborate). <i>Organic Letters</i> , 2000, 2, 4083-4086.	4.6	64
18	Synthesis of High Enantiopurity N-Protected $\alpha$ -Amino Ketones by Thiol Ester-Organostannane Cross-Coupling Using pH-Neutral Conditions. <i>Organic Letters</i> , 2008, 10, 4375-4378.	4.6	62

#	ARTICLE	IF	CITATIONS
19	A Copper-Catalyzed, pH-Neutral Construction of High-Enantiopurity Peptidyl Ketones from Peptidic S- $\alpha$ -Acylothiosalicylamides in Air at Room Temperature. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 1417-1421.	13.8	61
20	3-Cyclobutenyl-1,2-dione-substituted Porphyrins. 2. A Simple and General Entry to Quinone-Porphyrin-Porphyrin-Quinone Tetrads and Related Molecules. <i>Journal of Organic Chemistry</i> , 2000, 65, 1665-1671.	3.2	58
21	A Concise and Scalable Synthesis of High Enantiopurity ( <i>erythro</i> -Sphingosine Using Peptidyl Thiol Ester-Boronic Acid Cross-Coupling. <i>Organic Letters</i> , 2007, 9, 2993-2995.	4.6	57
22	Mobilizing Cu(I) for Carbon-Carbon Bond Forming Catalysis in the Presence of Thiolate. Chemical Mimicking of Metallothioneins. <i>Journal of the American Chemical Society</i> , 2011, 133, 6403-6410.	13.7	57
23	3-Cyclobutenyl-1,2-dione-Substituted Porphyrins. A General and Efficient Entry to Porphyrin-Quinone and Quinone-Porphyrin-Quinone Architectures. <i>Journal of Organic Chemistry</i> , 2000, 65, 1650-1664.	3.2	55
24	Stereocontrolled Synthesis of $\beta$ -Amino- $\beta$ -alkoxy Ketones by a Copper-Catalyzed Cross-Coupling of Peptidic Thiol Esters and $\beta$ -Alkoxyalkylstannanes. <i>Organic Letters</i> , 2011, 13, 3682-3685.	4.6	43
25	Synthesis and Characterization of Stable Cationic [Hydrotris(1-pyrazolyl)borato]Mo(CO)(NO)( $\beta$ -allyl) Complexes. Solid-State and Solution Evidence for an $\beta$ -Allyl Structure. <i>Organometallics</i> , 1996, 15, 4190-4200.	2.3	41
26	Enantiocontrolled Synthesis of Highly Functionalized Tropanes via [5 + 2] Cycloaddition to $\beta$ -3-Pyridinylmolybdenum $\pi$ -Complexes. <i>Organic Letters</i> , 2000, 2, 3909-3911.	4.6	37
27	Pd-Catalyzed, Cu(I)-Mediated Cross-Couplings of Bisarylthiocyclobutenediones with Boronic Acids and Organostannanes. <i>Journal of Organic Chemistry</i> , 2007, 72, 8539-8542.	3.2	36
28	Bioinspired organometallic chemistry. <i>Pure and Applied Chemistry</i> , 2002, 74, 115-122.	1.9	35
29	On the Mechanism of Palladium(0) Catalyzed, Copper(I) Carboxylate Mediated Thioorganic-Boronic Acid Desulfitative Coupling. A Noninnocent Role for the Carboxylate Ligand. <i>Organometallics</i> , 2009, 28, 4639-4642.	2.3	34
30	Novel Synthesis and Biological Evaluation of Enigmols as Therapeutic Agents for Treating Prostate Cancer. <i>ACS Medicinal Chemistry Letters</i> , 2011, 2, 438-443.	2.8	33
31	Cyclobutenedione-Based Method for the Synthesis of Substituted 2-Pyridinones and Dihydro-2-pyridinones. <i>Journal of Organic Chemistry</i> , 1999, 64, 4042-4049.	3.2	31
32	Stereo- and Regiocontrolled Construction of Trisubstituted Piperidines Using a TpMo(CO) <sub>2</sub> (Dihydropyridine) Scaffold (Tp = Hydridotrispyrazolylborate). <i>Journal of Organic Chemistry</i> , 2000, 65, 7445-7455.	3.2	31
33	Benzoisothiazolone Organo/Copper-Cocatalyzed Redox Dehydrative Construction of Amides and Peptides from Carboxylic Acids using (EtO) <sub>3</sub> P as the Reductant and O <sub>2</sub> in Air as the Terminal Oxidant. <i>Journal of the American Chemical Society</i> , 2016, 138, 6715-6718.	13.7	30
34	tert-Butyl Substituent as a Regiodirecting and Novel <sup>13</sup> C Protecting Group in Cyclobutenedione-Based Benzannulation Chemistry. <i>Journal of Organic Chemistry</i> , 1998, 63, 2835-2844.	3.2	28
35	Aerobic, Diselenide-Catalyzed Redox Dehydration: Amides and Peptides. <i>Organic Letters</i> , 2018, 20, 538-541.	4.6	26
36	Biased modulators of NMDA receptors control channel opening and ion selectivity. <i>Nature Chemical Biology</i> , 2020, 16, 188-196.	8.0	26

#	ARTICLE	IF	CITATIONS
37	Chiral Scaffolds for Enantiocontrolled Synthesis: $\hat{A}$ Enantio- and Regiocontrolled [4 + 2] Cycloaddition to 3-Alkenyl- $\hat{I}$ -3-Pyranylmolybdenum Complexes. <i>Journal of the American Chemical Society</i> , 2001, 123, 6185-6186.	13.7	21
38	Introduction to the <i>&lt;i&gt;Ennobling a Base Metal: Presenting Copper in Organometallic Chemistry&lt;/i&gt;</i> Issue. <i>Organometallics</i> , 2012, 31, 7631-7633.	2.3	19
39	Preparation of Dicarbonyl[hydrotris(1-pyrazolyl)borato]( $\hat{I}$ -3-allyl)molybdenum Complexes Bearing Electron-Donating Substituents (1-(( <i>tert</i> -Butyldimethylsilyl)oxy), 1-Alkoxy, and 1-Acetoxy) via the Nucleophilic Addition of Mo(CO) <sub>3</sub> (DMF) <sub>3</sub> to Enals and Enones. <i>Organometallics</i> , 1996, 15, 4201-4210.	2.3	14
40	Mechanistic Insights into the Aerobic Copper(I)-Catalyzed Cross-Coupling of S-Acyl Thiosalicylamide Thiol Esters and Boronic Acids. <i>Organometallics</i> , 2012, 31, 7958-7968.	2.3	14
41	Mechanism of Acylative Oxidation $\hat{A}$ "Reduction $\hat{A}$ " Condensation Reactions Using Benzoisothiazolones as Oxidant and Triethylphosphite as Stoichiometric Reductant. <i>Journal of Organic Chemistry</i> , 2017, 82, 3513-3529.	3.2	12
42	Synthesis, Radiolabeling, and Biological Evaluation of the <i>&lt;i&gt;cis&lt;/i&gt;</i> Stereoisomers of 1-Amino-3-Fluoro-4-(fluoro- <sup>18</sup> F)Cyclopentane-1-Carboxylic Acid as PET Imaging Agents. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 12008-12022.	6.4	9
43	Regio- and Stereospecific Uncatalyzed Reactions of Electron-Rich Arenes and Olefins at Organomolybdenum Enantiomeric Scaffolds. <i>Organometallics</i> , 2013, 32, 7594-7611.	2.3	6
44	Esterification by Redox Dehydration Using Diselenides as Catalytic Organooxidants. <i>Journal of Organic Chemistry</i> , 2019, 84, 4954-4960.	3.2	5
45	Synthesis, Radiolabeling, and Biological Evaluation of the <i>&lt;i&gt;trans&lt;/i&gt;</i> -Stereoisomers of 1-Amino-3-(fluoro- <sup>18</sup> F)-4-fluorocyclopentane-1-carboxylic Acid as PET Imaging Agents. <i>ACS Pharmacology and Translational Science</i> , 2021, 4, 1195-1203.	4.9	3
46	Heteroaromatic Thioether-Boronic Acid Cross-Coupling under Neutral Reaction Conditions.. <i>ChemInform</i> , 2010, 33, 53-53.	0.0	0