

# Lei You

## List of Publications by Year in descending order

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37  
papers

1,761  
citations

394421

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times ranked

2308  
citing authors

#	ARTICLE	IF	CITATIONS
1	Aggregation-induced emission luminogens and tunable multicolor polymer networks modulated by dynamic covalent chemistry. <i>Chinese Chemical Letters</i> , 2022, 33, 3267-3271.	9.0	16
2	Dynamic Covalent Reactions Controlled by Ring-Chain Tautomerism of 2-Formylbenzoic Acid. <i>European Journal of Organic Chemistry</i> , 2022, 2022, e202101461.	2.4	3
3	Interplay between chalcogen bonds and dynamic covalent bonds. <i>Organic Chemistry Frontiers</i> , 2022, 9, 3966-3975.	4.5	5
4	Effects of n-π* Orbital Interactions on Molecular Rotors: The Control and Switching of Rotational Pathway and Speed. <i>Organic Letters</i> , 2021, 23, 231-235.	4.6	12
5	Dynamic covalent bond constrained ureas for multimode fluorescence switching, thermally induced emission, and chemical signaling cascades. <i>Organic Chemistry Frontiers</i> , 2021, 8, 3760-3769.	4.5	7
6	Quantification and Prediction of Imine Formation Kinetics in Aqueous Solution by Microfluidic NMR Spectroscopy. <i>Chemistry - A European Journal</i> , 2021, 27, 9508-9513.	3.3	4
7	Light-Induced Formation/Scission of C-N, C-O, and C-S Bonds Enables Switchable Stability/Degradability in Covalent Systems. <i>Journal of the American Chemical Society</i> , 2021, 143, 20368-20376.	13.7	10
8	Noncovalent and Dynamic Covalent Chemistry Strategies for Driving Thermoresponsive Phase Transition with Multistimuli and Controlled Encapsulation/Release. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 2962-2973.	8.0	5
9	Modulation of imine chemistry with intramolecular hydrogen bonding: Effects from ortho-OH to NH. <i>Tetrahedron</i> , 2020, 76, 131128.	1.9	12
10	n-π* interactions as a versatile tool for controlling dynamic imine chemistry in both organic and aqueous media. <i>Chemical Science</i> , 2020, 11, 2707-2715.	7.4	29
11	Adaptive Covalent Networks Enabled by Dual Reactivity: The Evolution of Reversible Covalent Bonds, Their Molecular Assemblies, and Guest Recognition. <i>Journal of Organic Chemistry</i> , 2020, 85, 5351-5361.	3.2	11
12	Dynamic Covalent Switches and Communicating Networks for Tunable Multicolor Luminescent Systems and Vapor-Responsive Materials. <i>Journal of the American Chemical Society</i> , 2019, 141, 16344-16353.	13.7	42
13	Regulation of Axial Chirality through Dynamic Covalent Bond Constrained Biaryls. <i>ACS Omega</i> , 2019, 4, 10273-10278.	3.5	6
14	Interplay between n-π* Interactions and Dynamic Covalent Bonds: Quantification and Modulation by Solvent Effects. <i>Journal of the American Chemical Society</i> , 2019, 141, 8825-8833.	13.7	24
15	Dynamic Covalent Chemistry within Biphenyl Scaffolds: Reversible Covalent Bonding, Control of Selectivity, and Chirality Sensing with a Single System. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 1300-1305.	13.8	66
16	Dynamic Covalent Chemistry within Biphenyl Scaffolds: Reversible Covalent Bonding, Control of Selectivity, and Chirality Sensing with a Single System. <i>Angewandte Chemie</i> , 2018, 130, 1314-1319.	2.0	23
17	Dynamic Covalent Chemistry within Biphenyl Scaffolds: Effects from Endocyclic to Exocyclic Sulfonamides. <i>Synlett</i> , 2018, 29, 2131-2136.	1.8	3
18	Three Switchable Orthogonal Dynamic Covalent Reactions and Complex Networks Based on the Control of Dual Reactivity. <i>Journal of Organic Chemistry</i> , 2018, 83, 9858-9869.	3.2	20

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19	Frontispiece: Versatile Dynamic Covalent Assemblies for Probing $\pi$ - $\pi$ Stacking and Chirality Induction from Homotopic Faces. <i>Chemistry - A European Journal</i> , 2017, 23, .	3.3	0
20	Versatile Dynamic Covalent Assemblies for Probing $\pi$ - $\pi$ Stacking and Chirality Induction from Homotopic Faces. <i>Chemistry - A European Journal</i> , 2017, 23, 3804-3809.	3.3	7
21	Differential metal-binding properties of dynamic acylhydrazone polymers and their sensing applications. <i>Royal Society Open Science</i> , 2017, 4, 170466.	2.4	3
22	Quantitative Reactivity Scales for Dynamic Covalent and Systems Chemistry. <i>Journal of the American Chemical Society</i> , 2016, 138, 381-389.	13.7	23
23	Multiresponsive Dynamic Covalent Assemblies for the Selective Sensing of Both $\text{Cu}^{2+}$ and $\text{CN}^{-}$ in Water. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 2399-2405.	8.0	17
24	A Supramolecular Sensor Array Using Lanthanide-Doped Nanoparticles for Sensitive Detection of Glyphosate and Proteins. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 574-581.	8.0	35
25	Dynamic covalent binding and chirality sensing of mono secondary amines with a metal-templated assembly. <i>Tetrahedron</i> , 2015, 71, 3515-3521.	1.9	25
26	Recent Advances in Supramolecular Analytical Chemistry Using Optical Sensing. <i>Chemical Reviews</i> , 2015, 115, 7840-7892.	47.7	793
27	Mechanistic studies on covalent assemblies of metal-mediated hemi-aminal ethers. <i>Chemical Science</i> , 2015, 6, 158-164.	7.4	26
28	Dynamic Aminal-Based TPA Ligands. <i>Chemistry - A European Journal</i> , 2015, 21, 8207-8213.	3.3	21
29	Dynamic Signaling Cascades: Reversible Covalent Reaction-Coupled Molecular Switches. <i>Journal of the American Chemical Society</i> , 2015, 137, 14220-14228.	13.7	27
30	Exploring naphthyl-carbohydrazides as inhibitors of influenza A viruses. <i>European Journal of Medicinal Chemistry</i> , 2014, 71, 81-90.	5.5	20
31	Correlating Sterics Parameters and Diastereomeric Ratio Values for a Multicomponent Assembly To Predict Exciton-Coupled Circular Dichroism Intensity and Thereby Enantiomeric Excess of Chiral Secondary Alcohols. <i>Journal of the American Chemical Society</i> , 2012, 134, 7126-7134.	13.7	54
32	An Exciton-Coupled Circular Dichroism Protocol for the Determination of Identity, Chirality, and Enantiomeric Excess of Chiral Secondary Alcohols. <i>Journal of the American Chemical Society</i> , 2012, 134, 7117-7125.	13.7	129
33	Dynamic multi-component covalent assembly for the reversible binding of secondary alcohols and chirality sensing. <i>Nature Chemistry</i> , 2011, 3, 943-948.	13.6	167
34	Dynamic Multicomponent Hemiaminal Assembly. <i>Chemistry - A European Journal</i> , 2011, 17, 11017-11023.	3.3	49
35	Synthesis and evaluation of quinoxaline derivatives as potential influenza NS1A protein inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011, 21, 3007-3011.	2.2	41
36	Secondary Alcohol Hemiacetal Formation: An in Situ Carbonyl Activation Strategy. <i>Organic Letters</i> , 2009, 11, 5126-5129.	4.6	24

#	ARTICLE	IF	CITATIONS
37	Dynamic covalent chemistry constrained diphenylethenes: control over reactivity and luminescence both in solution and in the solid state. <i>Organic Chemistry Frontiers</i> , 0, , .	4.5	2