

Jake L Greenfield

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

824
citations

567281

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610901

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26
all docs

26
docs citations

26
times ranked

1139
citing authors

#	ARTICLE	IF	CITATIONS
1	Pathways to increase the dissymmetry in the interaction of chiral light and chiral molecules. <i>Chemical Science</i> , 2021, 12, 8589-8602.	7.4	127
2	Circularly Polarized Photoluminescence from Chiral Perovskite Thin Films at Room Temperature. <i>ACS Nano</i> , 2020, 14, 7610-7616.	14.6	86
3	Enantiopure [Cs ⁺ /Xe ⁺] ₄ Cryptophane ⁺ Fe ^{II} ₄ L ₄ Hierarchical Superstructures. <i>Journal of the American Chemical Society</i> , 2019, 141, 8339-8345.	13.7	83
4	Unraveling Mechanisms of Chiral Induction in Double-Helical Metallopolymers. <i>Journal of the American Chemical Society</i> , 2018, 140, 10344-10353.	13.7	59
5	Controlling the shape and chirality of an eight-crossing molecular knot. <i>CheM</i> , 2021, 7, 1534-1543.	11.7	49
6	Glucose Binding Drives Reconfiguration of a Dynamic Library of Urea-Containing Metal-Organic Assemblies. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 4485-4490.	13.8	38
7	Hydrogen-Bond-Assisted Symmetry Breaking in a Network of Chiral Metal-Organic Assemblies. <i>Journal of the American Chemical Society</i> , 2019, 141, 1707-1715.	13.7	37
8	La ^{III} and Zn ^{II} Cooperatively Template a Metal-Organic Capsule. <i>Journal of the American Chemical Society</i> , 2020, 142, 19856-19861.	13.7	37
9	Fe ^{II} ₄ L ₄ Tetrahedron Binds to Nonpaired DNA Bases. <i>Journal of the American Chemical Society</i> , 2019, 141, 11358-11362.	13.7	36
10	Efficient Electrocatalytic Switching of Azoheteroarenes in the Condensed Phases. <i>Journal of the American Chemical Society</i> , 2021, 143, 15250-15257.	13.7	36
11	Self-Assembly of Conjugated Metallopolymers with Tunable Length and Controlled Regiochemistry. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 7541-7545.	13.8	34
12	Post-Grafting Amination of Alkyl Halide-Functionalized Silica for Applications in Catalysis, Adsorption, and ¹⁵ N NMR Spectroscopy. <i>Langmuir</i> , 2015, 31, 2218-2227.	3.5	31
13	Coupling Phase Behavior of Fatty Acid Containing Membranes to Membrane Bio-Mechanics. <i>Frontiers in Cell and Developmental Biology</i> , 2019, 7, 187.	3.7	29
14	Self-Assembly of Double-Helical Metallopolymers. <i>Accounts of Chemical Research</i> , 2022, 55, 391-401.	15.6	23
15	Photochemical Probe Identification of a Small-Molecule Inhibitor Binding Site in Hedgehog Acyltransferase (HHAT)**. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 13542-13547.	13.8	18
16	Deoxyribonucleic Acid Encoded and Size-Defined π -Stacking of Perylene Diimides. <i>Journal of the American Chemical Society</i> , 2022, 144, 368-376.	13.7	15
17	Systematic comparison of single-walled carbon nanotube/poly(vinyl acetate) graft-to reactions. <i>Polymer</i> , 2017, 133, 263-271.	3.8	14
18	Glucose Binding Drives Reconfiguration of a Dynamic Library of Urea-Containing Metal-Organic Assemblies. <i>Angewandte Chemie</i> , 2021, 133, 4535-4540.	2.0	14

#	ARTICLE	IF	CITATIONS
19	Electrically Induced Mixed Valence Increases the Conductivity of Copper Helical Metallopolymers. <i>Advanced Materials</i> , 2021, 33, e2100403.	21.0	14
20	Regioselective synthesis of 1- and 4-tetralones from heteroaryl-3-cyclobutanols. <i>Tetrahedron</i> , 2020, 76, 131636.	1.9	10
21	Self-Assembly of Conjugated Metallopolymers with Tunable Length and Controlled Regiochemistry. <i>Angewandte Chemie</i> , 2017, 129, 7649-7653.	2.0	8
22	Fell4L4 tetrahedron binds and aggregates DNA G-quadruplexes. <i>Chemical Science</i> , 2021, 12, 14564-14569.	7.4	7
23	Real-time mechanistic study of carbon nanotube anion functionalisation through open circuit voltammetry. <i>Chemical Science</i> , 2019, 10, 3300-3306.	7.4	6
24	Depleting Depletion: Maintaining Single-Walled Carbon Nanotube Dispersions after Graft-To Polymer Functionalization. <i>Langmuir</i> , 2018, 34, 15396-15402.	3.5	5
25	Photochemical Probe Identification of a Small-Molecule Inhibitor Binding Site in Hedgehog Acyltransferase (HHAT)**. <i>Angewandte Chemie</i> , 2021, 133, 13654-13659.	2.0	0