

# Jake L Greenfield

## List of Publications by Year in descending order

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25  
papers

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citations

567281

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610901

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26  
docs citations

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times ranked

1139  
citing authors

#	ARTICLE	IF	CITATIONS
1	Self-Assembly of Double-Helical Metallopolymers. <i>Accounts of Chemical Research</i> , 2022, 55, 391-401.	15.6	23
2	Deoxyribonucleic Acid Encoded and Size-Defined $\pi$ -Stacking of Perylene Diimides. <i>Journal of the American Chemical Society</i> , 2022, 144, 368-376.	13.7	15
3	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
4	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
5	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
6	Electrically Induced Mixed Valence Increases the Conductivity of Copper Helical Metallopolymers. <i>Advanced Materials</i> , 2021, 33, e2100403.	21.0	14
7	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
8	Controlling the shape and chirality of an eight-crossing molecular knot. <i>CheM</i> , 2021, 7, 1534-1543.	11.7	49
9	Efficient Electrocatalytic Switching of Azoheteroarenes in the Condensed Phases. <i>Journal of the American Chemical Society</i> , 2021, 143, 15250-15257.	13.7	36
10	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
11	Fell4L4 tetrahedron binds and aggregates DNA G-quadruplexes. <i>Chemical Science</i> , 2021, 12, 14564-14569.	7.4	7
12	Regioselective synthesis of 1- and 4-tetralones from heteroaryl-3-cyclobutanols. <i>Tetrahedron</i> , 2020, 76, 131636.	1.9	10
13	La <sup>III</sup> and Zn <sup>II</sup> Cooperatively Template a Metal-Organic Capsule. <i>Journal of the American Chemical Society</i> , 2020, 142, 19856-19861.	13.7	37
14	Circularly Polarized Photoluminescence from Chiral Perovskite Thin Films at Room Temperature. <i>ACS Nano</i> , 2020, 14, 7610-7616.	14.6	86
15	Fe <sup>II</sup> <sub>4</sub> L <sub>4</sub> Tetrahedron Binds to Nonpaired DNA Bases. <i>Journal of the American Chemical Society</i> , 2019, 141, 11358-11362.	13.7	36
16	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
17	Enantiopure [Cs <sup>+</sup> /Xe <sup>+</sup> , Cryptophane] <sup>+</sup> Fe <sup>II</sup> <sub>4</sub> L <sub>4</sub> Hierarchical Superstructures. <i>Journal of the American Chemical Society</i> , 2019, 141, 8339-8345.	13.7	83
18	Real-time mechanistic study of carbon nanotube anion functionalisation through open circuit voltammetry. <i>Chemical Science</i> , 2019, 10, 3300-3306.	7.4	6

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19	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
20	Depleting Depletion: Maintaining Single-Walled Carbon Nanotube Dispersions after Graft-To Polymer Functionalization. <i>Langmuir</i> , 2018, 34, 15396-15402.	3.5	5
21	Unraveling Mechanisms of Chiral Induction in Double-Helical Metallopolymers. <i>Journal of the American Chemical Society</i> , 2018, 140, 10344-10353.	13.7	59
22	Self-Assembly of Conjugated Metallopolymers with Tunable Length and Controlled Regiochemistry. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 7541-7545.	13.8	34
23	Self-Assembly of Conjugated Metallopolymers with Tunable Length and Controlled Regiochemistry. <i>Angewandte Chemie</i> , 2017, 129, 7649-7653.	2.0	8
24	Systematic comparison of single-walled carbon nanotube/poly(vinyl acetate) graft-to reactions. <i>Polymer</i> , 2017, 133, 263-271.	3.8	14
25	Post-Grafting Amination of Alkyl Halide-Functionalized Silica for Applications in Catalysis, Adsorption, and <sup>15</sup> N NMR Spectroscopy. <i>Langmuir</i> , 2015, 31, 2218-2227.	3.5	31