

Daisuke Taura

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

1,745
citations

840776

11
h-index

839539

18
g-index

21
all docs

21
docs citations

21
times ranked

2281
citing authors

#	ARTICLE	IF	CITATIONS
1	Supramolecular Helical Systems: Helical Assemblies of Small Molecules, Foldamers, and Polymers with Chiral Amplification and Their Functions. <i>Chemical Reviews</i> , 2016, 116, 13752-13990.	47.7	1,444
2	Chirality- and sequence-selective successive self-sorting via specific homo- and complementary-duplex formations. <i>Nature Communications</i> , 2015, 6, 7236.	12.8	61
3	Cobalt(II)-Salen-Linked Complementary Double-Stranded Helical Catalysts for Asymmetric Nitro-Aldol Reaction. <i>ACS Catalysis</i> , 2016, 6, 4685-4689.	11.2	38
4	Spiroborate-Based Double-Stranded Helicates: <i>Meso</i> -to- <i>Racemo</i> Isomerization and Ion-Triggered Springlike Motion of the <i>Racemo</i> -Helicate. <i>Journal of the American Chemical Society</i> , 2018, 140, 17027-17039.	13.7	36
5	Chiral Template-Directed Regio-, Diastereo-, and Enantioselective Photodimerization of an Anthracene Derivative Assisted by Complementary Amidinium ⁺ Carboxylate Salt Bridge Formation. <i>Journal of the American Chemical Society</i> , 2017, 139, 7388-7398.	13.7	31
6	Helix-Sense-Selective Encapsulation of Helical Poly(lactic acid)s within a Helical Cavity of Syndiotactic Poly(methyl methacrylate) with Helicity Memory. <i>Journal of the American Chemical Society</i> , 2020, 142, 21913-21925.	13.7	26
7	Chiral tether-mediated stabilization and helix-sense control of complementary metallo-double helices. <i>Chemical Science</i> , 2015, 6, 714-723.	7.4	21
8	Synthesis of a double-stranded spiroborate helicate bearing stilbene units and its photoresponsive behaviour. <i>New Journal of Chemistry</i> , 2015, 39, 3259-3269.	2.8	16
9	Enantiodifferentiating Photodimerization of a 2,6-Disubstituted Anthracene Assisted by Supramolecular Double-Helix Formation with Chiral Amines. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 7478-7486.	13.8	15
10	Photocontrolled template-directed synthesis of complementary double helices assisted by amidinium ⁺ carboxylate salt bridge formation. <i>Chemical Science</i> , 2013, 4, 2960.	7.4	11
11	Water-Mediated Reversible Control of Three-State Double-Stranded Titanium(IV) Helicates. <i>Journal of the American Chemical Society</i> , 2021, 143, 4346-4358.	13.7	11
12	Fluorescent molecular spring that visualizes the extension and contraction motions of a double-stranded helicate bearing terminal pyrene units triggered by release and binding of alkali metal ions. <i>Chemical Communications</i> , 2019, 55, 12084-12087.	4.1	10
13	Remarkable acceleration of template-directed photodimerisation of 9-phenylethynylantracene derivatives assisted by complementary salt bridge formation. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 10822-10832.	2.8	8
14	Thermally stable helical poly(4-carboxyphenyl isocyanide) with a helicity memory assisted by metal coordination. <i>Polymer Journal</i> , 2017, 49, 741-744.	2.7	5
15	Enantiodifferentiating Photodimerization of a 2,6-Disubstituted Anthracene Assisted by Supramolecular Double-Helix Formation with Chiral Amines. <i>Angewandte Chemie</i> , 2020, 132, 7548-7556.	2.0	5
16	Remote-controlled regio- and diastereodifferentiating photodimerization of a dynamic helical peptide-bound 2-substituted anthracene. <i>Chemical Communications</i> , 2020, 56, 13433-13436.	4.1	3
17	Chiral Guest-induced Catalytic Deracemization of a Spiroborate-based Double-stranded Helicate Bearing a Bisporphyrin Unit with Acids. <i>Chemistry Letters</i> , 2020, 49, 1030-1033.	1.3	3
18	Selective formation of spiroborate-based double-stranded <i>hetero</i> -helicates assisted by donor-acceptor interactions. <i>Organic Chemistry Frontiers</i> , 2021, 8, 2551-2555.	4.5	1

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19	Complementary double-stranded helical oligomers bearing achiral bifunctional groups that catalyze asymmetric aldol reaction. <i>Chirality</i> , 2020, 32, 254-264.	2.6	0
20	Innenr¼cktitelbild: Enantiodifferentiating Photodimerization of a 2,6-Disubstituted Anthracene Assisted by Supramolecular Double-Helix Formation with Chiral Amines (<i>Angew. Chem.</i> 19/2020). <i>Angewandte Chemie</i> , 2020, 132, 7695-7695.	2.0	0