

Hiroto Kaku

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

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759233

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Base-induced isomerization of red uroleuconaphins revisited: characterization and absolute stereochemistry of the yellow aphid pigments uroleuconaphins A ₂ and B ₂ . <i>New Journal of Chemistry</i> , 2022, 46, 16256-16259.	2.8	1
2	Total Syntheses and Cytotoxic Evaluations of Cryptolactones A ₁ , A ₂ , B ₁ , B ₂ , and Their Derivatives. <i>Chemical and Pharmaceutical Bulletin</i> , 2020, 68, 380-383.	1.3	2
3	3,3-Dimethoxypropylsulfanyl Group: A new versatile protecting and activating group for amine synthesis. <i>Tetrahedron</i> , 2018, 74, 3052-3060.	1.9	3
4	Optically Active 2,7,10,15-Tetrahydroxytetraphenylene: Clathrates with Both Enantiomers of 1-Phenylethylamine and Their Stability. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 6991-6999.	2.4	6
5	A role of uroleuconaphins, polyketide red pigments in aphid, as a chemopreventor in the host defense system against infection with entomopathogenic fungi. <i>Journal of Antibiotics</i> , 2018, 71, 992-999.	2.0	6
6	Deracemization of $\hat{\pm}$ -monosubstituted cyclopentanones in the presence of a TADDOL-type host molecule. <i>Tetrahedron</i> , 2018, 74, 124-129.	1.9	6
7	Isolation and Total Syntheses of Cytotoxic Cryptolactones A ₁ , A ₂ , B ₁ , and B ₂ : $\hat{\pm}$, $\hat{1}^2$ -Unsaturated $\hat{1}$ -Lactones from a <i>Cryptomyzus</i> sp. Aphid. <i>Journal of Natural Products</i> , 2014, 77, 2459-2464.	3.0	8
8	Xanthouroleuconaphin: a yellowish pigment from the aphid <i>Uroleucon nigrotuberculatum</i> and its total synthesis. <i>Tetrahedron</i> , 2013, 69, 1808-1814.	1.9	5
9	A Method to Prepare Optically Active Acyclic $\hat{\pm}$ -Benzyl Ketones by Thermodynamically Controlled Deracemization. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 8208-8213.	2.4	13
10	A Total Synthesis of Yellowish Aphid Pigment Furanaphin through Fries Rearrangement Assisted by Boron Trifluoride-Acetic Acid Complex. <i>Synlett</i> , 2012, 23, 1789-1792.	1.8	4
11	Megouraphin Glucosides: Two Yellowish Pigments from the Aphid <i>Megoura crassicauda</i> . <i>Heterocycles</i> , 2012, 85, 95.	0.7	6
12	Construction of an asymmetric quaternary carbon via an asymmetric aza-Claisen rearrangement and its application in the total synthesis of (+)- $\hat{\pm}$ -cuparenone. <i>Tetrahedron: Asymmetry</i> , 2012, 23, 739-741.	1.8	8
13	Modified Mark ³ 's aerobic oxidation of alcohols under atmospheric pressure with air or molecular oxygen at room temperature. <i>Tetrahedron Letters</i> , 2012, 53, 5880-5882.	1.4	25
14	Viridaphin A ₁ Glucoside, a Green Pigment Possessing Cytotoxic and Antibacterial Activity from the Aphid <i>Megoura crassicauda</i> . <i>Journal of Natural Products</i> , 2011, 74, 1812-1816.	3.0	11
15	Total Synthesis of the (+)-Antimycin A Family. <i>European Journal of Organic Chemistry</i> , 2011, 2011, 2719-2729.	2.4	15
16	A facile and practical method of preparing optically active $\hat{\pm}$ -monosubstituted cycloalkanones by thermodynamically controlled deracemization. <i>Tetrahedron</i> , 2010, 66, 9450-9455.	1.9	7
17	Enantioselective Total Synthesis of (R)- $\hat{\pm}$ -Lipoic Acid: An Application of Thermodynamically Controlled Deracemization of ($\hat{\pm}$)-2-(2-Methoxyethyl)cyclohexanone. <i>Synthesis</i> , 2010, 2010, 2931-2934.	2.3	11
18	Uroleuconaphins A2a, A2b, B2a, and B2b: four yellowish pigments from the aphid <i>Uroleucon nigrotuberculatum</i> (Olive). <i>Tetrahedron</i> , 2008, 64, 5515-5518.	1.9	16

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19	A Practical Total Synthesis of (+)-Antimycin A9. <i>Journal of Antibiotics</i> , 2007, 60, 65-72.	2.0	12
20	Uroleuconaphins A1 and B1, two red pigments from the aphid <i>Uroleucon nigrotuberculatum</i> (Olive). <i>Tetrahedron</i> , 2006, 62, 9072-9076.	1.9	23
21	Preparation of (Cyanomethylene)tributylphosphorane: A New Mitsunobu-Type Reagent. <i>Chemical and Pharmaceutical Bulletin</i> , 2005, 53, 1508-1509.	1.3	13
22	A Modified Thermodynamically Controlled Deracemization of 2-Allylcyclohexanone and Its Application to Asymmetric Synthesis of (R)-($\hat{\alpha}$)-Epilachnene. <i>Chemistry Letters</i> , 2004, 33, 516-517.	1.3	9
23	Preparation of (Cyanomethylene)trimethylphosphorane as a New Mitsunobu-Type Reagent.. <i>Chemical and Pharmaceutical Bulletin</i> , 2003, 51, 474-476.	1.3	27
24	The nature of the thermodynamically controlled deracemization of 2-benzylcyclohexanone using (R,R)-($\hat{\alpha}$)-trans-2,3-bis(hydroxydiphenylmethyl)-1,4-dioxaspiro[5.4]decane: a crystallographic result of inclusion complex. <i>Tetrahedron</i> , 2002, 58, 3401-3407.	1.9	23
25	Prenyl and geranyl phenyl sulfone, a new carbon nucleophile for Mitsunobu-type alkylation. <i>Tetrahedron Letters</i> , 2001, 42, 905-907.	1.4	20
26	Thermodynamically Controlled Deracemization of 2-Alkylcycloalkanones Utilizing Host-Guest Inclusion Complexation. <i>Heterocycles</i> , 2001, 55, 847.	0.7	15
27	Cyanomethylenetrimethylphosphorane, a powerful reagent for the Wittig olefination of esters, lactones and imides. <i>Tetrahedron Letters</i> , 2000, 41, 235-237.	1.4	27
28	Arylmethyl phenyl sulfones, a new carbon nucleophile for Mitsunobu-type alkylation. <i>Tetrahedron Letters</i> , 1999, 40, 7359-7362.	1.4	22
29	Deracemization of 2-alkylcyclohexanones utilizing host-guest molecular association with optically active host compounds in basic suspension media. <i>Tetrahedron Letters</i> , 1997, 38, 7759-7760.	1.4	35
30	Strong acid-promoted skeletal remodeling of the aphid pigment: red uroleuconaphin to green viridaphin. <i>New Journal of Chemistry</i> , 0, , .	2.8	3