

# Naoki Kise

## List of Publications by Year in descending order

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docs citations

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times ranked

795  
citing authors

#	ARTICLE	IF	CITATIONS
1	Reductive Coupling of Isatins with $\alpha,\beta$ -Unsaturated Carbonyl Compounds by Low-Valent Titanium. Bulletin of the Chemical Society of Japan, 2022, 95, 104-109.	3.2	1
2	Reductive Coupling of Benzofuran-2,3-diones with Ketones and Aldehydes by Low-Valent Titanium. Bulletin of the Chemical Society of Japan, 2022, 95, 1209-1213.	3.2	0
3	Inchworm-type PNA-PEG conjugate regulates gene expression based on single nucleotide recognition. International Journal of Biological Macromolecules, 2021, 181, 471-477.	7.5	1
4	Electroreductive Coupling of Phthalimides with $\alpha,\beta$ -Unsaturated Carbonyl Compounds and Subsequent Acid-Catalyzed Rearrangement to 4-Aminonaphthalen-1-ols: Density Functional Theory Study of the Acid-Catalyzed Rearrangement of Ketene Silyl Acetals. Journal of Organic Chemistry, 2021, 86, 18232-18246.	3.2	3
5	Reductive coupling of phthalic anhydrides with aliphatic ketones by low-valent titanium: Unusual two-to-one coupling for preparation of 3,3-disubstituted phthalides. Tetrahedron, 2020, 76, 130820.	1.9	7
6	Electroreductive Coupling of Phthalic Anhydrides with $\alpha,\beta$ -Unsaturated Carbonyl Compounds: Synthesis of 1,4-Dihydroxynaphthalenes. Journal of Organic Chemistry, 2020, 85, 13973-13982.	3.2	4
7	Reductive intramolecular coupling of phthalimides with esters and ketones by low-valent titanium. Tetrahedron, 2020, 76, 131725.	1.9	5
8	Electroreductive Intermolecular Coupling of Chromones with Benzophenones: Synthesis of $\alpha$ -Diarylmethylchromones and Tetrasubstituted Furans. European Journal of Organic Chemistry, 2019, 2019, 3662-3676.	2.4	7
9	Reductive coupling of aliphatic cyclic imides and $\alpha$ -amidoesters with benzophenones by low-valent titanium: Synthesis of 5-diarylmethylene-1,5-dihydropyrrol-2-ones, 6-diarylmethyl-2-pyridones, and $\alpha$ -(diarylmethylene)lactams. Tetrahedron, 2019, 75, 3553-3569.	1.9	5
10	Electroreductive Intermolecular Coupling of 4-Quinolones with Benzophenones: Synthesis of 2-Substituted 4-Quinolones. ACS Omega, 2019, 4, 20080-20093.	3.5	5
11	Reductive coupling of hydantoins with benzophenones by low-valent titanium: Synthesis of 4-substituted 1H-imidazol-2(3H)-ones and unusual two-to-two coupled products. Tetrahedron, 2018, 74, 992-1001.	1.9	9
12	Electroreductive coupling of aromatic ketones, aldehydes, and aldimines with $\alpha,\beta$ -unsaturated esters: Synthesis of 5-aryl substituted $\beta$ -butyrolactones and lactams. Tetrahedron, 2017, 73, 1143-1156.	1.9	9
13	Electroreductive Intermolecular Coupling of Uracils with Aromatic Ketones: Synthesis of 6-Substituted and <i>cis</i> -5,6-Disubstituted 5,6-Dihydro-1,3-dimethyluracils and Their Transformation to 6-Substituted 1,3-Dimethyluracils, <i>trans</i> -5,6-Disubstituted 5,6-Dihydro-1,3-dimethyluracils, and 4,5,5-Trisubstituted 3-Methyloxazolizin-2-ones. Journal of Organic Chemistry, 2016, 81, 5101-5119.	3.2	10
14	Electroreductive Intermolecular Coupling of Coumarins with Benzophenones: Synthesis of 4-(2-Hydroxyphenyl)-5,5-diaryl- $\beta$ -butyrolactones, 2-(2,2-Diaryl-2,3-dihydrobenzofuran-3-yl)acetic Acids, and 4-(Diarylmethyl)coumarins. Journal of Organic Chemistry, 2016, 81, 11043-11056.	3.2	12
15	Stereoselective intramolecular coupling of barbituric acids with aliphatic ketones and O-methyl oximes by electroreduction: radical cyclization mechanism supported by DFT study. Tetrahedron Letters, 2016, 57, 1790-1793.	1.4	4
16	Intermolecular Reductive Coupling of Esters with Benzophenones by Low-Valent Titanium: Synthesis of Diarylmethyl Ketones Revisited. Journal of Organic Chemistry, 2015, 80, 3496-3503.	3.2	10
17	Electroreductive coupling of 1,3-dimethyluracils with aromatic ketones: synthesis of 6-substituted 1,3-dimethyluracils. Tetrahedron Letters, 2015, 56, 4599-4602.	1.4	10
18	Reductive coupling of isatins with ketones and aldehydes by low-valent titanium. Tetrahedron, 2014, 70, 9668-9675.	1.9	16

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19	Electroreductive Coupling of Optically Active $\hat{1}\pm, \hat{1}^2$ -Unsaturated Carbonyl Compounds with Diaryl Ketones: Asymmetric Synthesis of 4,5,5-Trisubstituted $\hat{1}^3$ -Butyrolactones. <i>Organic Letters</i> , 2014, 16, 3348-3351.	4.6	23
20	Electroreductive intramolecular coupling of aliphatic cyclic imides with $\hat{1}\pm, \hat{1}^2$ -unsaturated esters and ketones: unusual methyl-alkoxy exchange in silyl ketene acetals. <i>Tetrahedron Letters</i> , 2013, 54, 3281-3285.	1.4	10
21	Reductive coupling of aliphatic cyclic imides with benzophenones by low-valent titanium. <i>Tetrahedron Letters</i> , 2013, 54, 6944-6948.	1.4	8
22	Reductive Coupling of Phthalimides with Ketones and Aldehydes by Low-Valent Titanium: One-Pot Synthesis of Alkylideneisoindolin-1-ones. <i>Journal of Organic Chemistry</i> , 2013, 78, 12453-12459.	3.2	23
23	Electroreductive Intermolecular Coupling of 3-Methoxycarbonylindoles with Ketones. <i>Organic Letters</i> , 2013, 15, 2746-2749.	4.6	19
24	Electroreductive intermolecular coupling of phthalimides with aldehydes: application to the synthesis of alkylideneisoindolin-1-ones. <i>Tetrahedron</i> , 2012, 68, 8805-8816.	1.9	29
25	Electroreductive five- and six-membered cyclization of aromatic $\hat{1}^2$ - and $\hat{1}^3$ -imino esters derived from (S)-aspartic acid and (S)-glutamic acid. <i>Tetrahedron</i> , 2012, 68, 2579-2589.	1.9	4
26	Reductive coupling of N-methoxycarbonyl lactams with benzophenone and 9-fluorenone by low-valent titanium. <i>Tetrahedron Letters</i> , 2012, 53, 1940-1945.	1.4	9
27	Electroreductive Intramolecular Coupling of Phthalimides with Aromatic Aldehydes: Application to the Synthesis of Lennoxamine. <i>Journal of Organic Chemistry</i> , 2011, 76, 9856-9860.	3.2	46
28	Diastereoselective intermolecular coupling of chiral $\hat{1}\pm$ -imino amides with ketones by electroreduction. <i>Tetrahedron: Asymmetry</i> , 2011, 22, 1906-1917.	1.8	5
29	Reductive coupling of 1,3-dimethyluracils with benzophenone by low-valent titanium: unusual two-to-one coupling. <i>Tetrahedron Letters</i> , 2011, 52, 6627-6631.	1.4	12
30	Electroreductive intramolecular coupling of N-(oxoalkyl)phthalimides: complementary method to samarium(II) iodide reduction. <i>Tetrahedron Letters</i> , 2010, 51, 70-74.	1.4	35
31	Electroreductive intramolecular coupling of aliphatic cyclic imides with ketones and O-methyloximes. <i>Tetrahedron Letters</i> , 2010, 51, 5767-5770.	1.4	19
32	Electroreductive Coupling of Phthalimides with $\hat{1}\pm, \hat{1}^2$ -Unsaturated Esters: Unusual Rearrangement of Resulting Silyl Ketene Acetals. <i>Organic Letters</i> , 2009, 11, 4902-4905.	4.6	33
33	Electroreductive acylation of aromatic imines with acylimidazoles. <i>Tetrahedron</i> , 2008, 64, 1765-1771.	1.9	9
34	Electroreductive Intramolecular Coupling of 1-Indolealkanones. <i>Organic Letters</i> , 2008, 10, 4617-4620.	4.6	27
35	Electroreductive crossed pinacol coupling of aromatic ketones with aliphatic ketones and aldehydes. <i>Tetrahedron</i> , 2007, 63, 5415-5426.	1.9	24
36	Density Functional Theory Study of Electroreductive Hydrocoupling of $\hat{1}\pm, \hat{1}^2$ -Unsaturated Carbonyl Compounds. <i>Journal of Organic Chemistry</i> , 2006, 71, 9203-9207.	3.2	8

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37	Electroreductive Intramolecular Coupling of Aromatic Imino Esters: Is Four-Membered Cyclization Much More Favorable than Six-Membered Cyclization?. <i>Organic Letters</i> , 2006, 8, 1323-1325.	4.6	15
38	Electroreductive Intramolecular Coupling of Aromatic $\alpha$ - and $\beta$ -Imino Esters: A New Synthetic Method for N-Alkoxy carbonyl-2-aryl-3-ones and cis-2-Aryl-3-ols of Pyrrolidines and Piperidines.. <i>ChemInform</i> , 2005, 36, no.	0.0	0
39	Electroreductive Acylation of Aromatic Ketones with Acylimidazoles. <i>Journal of Organic Chemistry</i> , 2005, 70, 9407-9410.	3.2	24
40	Electroreductive Intramolecular Coupling of Chiral $\alpha$ -Imino Esters: Stereoselective Synthesis of Mixed Ketals of cis-2,4-Disubstituted Azetidine-3-ones.. <i>ChemInform</i> , 2004, 35, no.	0.0	0
41	trans-Stereoselective intramolecular crossed pinacol coupling of aromatic 1,4-, 1,5-, and 1,6-diketones by electroreduction. <i>Tetrahedron Letters</i> , 2004, 45, 7599-7603.	1.4	13
42	Diastereoselective $\alpha$ -Hydrocoupling of Benzalacetones by Electroreduction. <i>Journal of Organic Chemistry</i> , 2004, 69, 959-963.	3.2	2
43	Theoretical Study of Electroreductive Intramolecular Coupling of Nonconjugated Olefinic and Aromatic Ketones. <i>Journal of Organic Chemistry</i> , 2004, 69, 2147-2152.	3.2	4
44	Electroreductive Intramolecular Coupling of Aromatic $\alpha$ - and $\beta$ -Imino Esters: A New Synthetic Method for N-Alkoxy carbonyl-2-aryl-3-ones and cis-2-Aryl-3-ols of Pyrrolidines and Piperidines. <i>Journal of Organic Chemistry</i> , 2004, 69, 7710-7719.	3.2	18
45	Stereoselective Oxidative and Reductive Coupling using Chiral Auxiliaries. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , 2004, 62, 306-313.	0.1	2
46	Stereoselective Homocoupling of Chiral 1-Aroylacetyl-2-imidazolidinones by Oxidation with Br <sub>2</sub> .. <i>ChemInform</i> , 2003, 34, no.	0.0	0
47	Stereoselective Hydrocoupling of Cinnamic Acid Esters by Electroreduction: Application to Asymmetric Synthesis of Hydrodimers.. <i>ChemInform</i> , 2003, 34, no.	0.0	0
48	Electroreductive Intramolecular Coupling of Aromatic $\alpha$ - and $\beta$ -Keto Esters.. <i>ChemInform</i> , 2003, 34, no.	0.0	0
49	Electroreductive intramolecular coupling of aromatic $\alpha$ - and $\beta$ -keto esters. <i>Tetrahedron Letters</i> , 2003, 44, 6281-6284.	1.4	19
50	Stereoselective intramolecular coupling of diaroyletates of (1R,1a <sup>2</sup> R)-exo,exo-2-3,3a <sup>2</sup> -biisoborneol by oxidation with Br <sub>2</sub> . <i>Tetrahedron: Asymmetry</i> , 2003, 14, 2495-2497.	1.8	10
51	Electroreductive Intramolecular Coupling of Chiral $\alpha$ -Imino Esters: A Stereoselective Synthesis of Mixed Ketals of cis-2,4-Disubstituted Azetidine-3-ones. <i>Journal of the American Chemical Society</i> , 2003, 125, 11591-11596.	13.7	35
52	Stereoselective Hydrocoupling of Cinnamic Acid Esters by Electroreduction: Application to Asymmetric Synthesis of Hydrodimers. <i>Journal of Organic Chemistry</i> , 2002, 67, 8305-8315.	3.2	39
53	Stereoselective homocoupling of chiral 1-aroyletacyl-2-imidazolidinones by oxidation with Br <sub>2</sub> . <i>Tetrahedron: Asymmetry</i> , 2002, 13, 1845-1847.	1.8	16
54	Unusual Head-to-Tail Coupling of Alkyl Benzoates by Electroreduction. <i>Journal of Organic Chemistry</i> , 2001, 66, 862-867.	3.2	4

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55	Stereoselective Hydrocoupling of [(1R)-exo]-3-exo-(Diphenylmethyl)bornyl Cinnamates by Electroreduction. <i>Organic Letters</i> , 2001, 3, 3241-3244.	4.6	10
56	Oxidative Homocoupling of Chiral 3-Arylpropanoic Acid Derivatives. Application to Asymmetric Synthesis of Lignans. <i>Journal of Organic Chemistry</i> , 2000, 65, 464-468.	3.2	44
57	Asymmetric Synthesis of anti- $\hat{1}$ , $\hat{2}$ -Disubstituted $\hat{1}$ -Amino Acid Derivatives by Reaction of N-Alkoxy carbonyl-1-methoxyamines with Optically Active 2-Oxazolidinones. <i>Organic Letters</i> , 1999, 1, 1803-1805.	4.6	7
58	A New Method for the Synthesis of $\hat{1}$ -Amino Acid Derivatives and $\hat{1}$ -Lactams. Reaction of N-Alkoxy carbonyl-1-methoxyamines with Esters. <i>Journal of Organic Chemistry</i> , 1999, 64, 7511-7514.	3.2	17
59	Asymmetric synthesis of optically active 2,3-diarylsuccinic acids by oxidative homocoupling of chiral 3-(arylacetyl)-2-oxazolidones. <i>Tetrahedron</i> , 1998, 54, 2697-2708.	1.9	44
60	Stereoselective Hydrocoupling of Optically Active 3-trans-Cinnamoyloxazolidinones by Electroreduction. <i>Journal of Organic Chemistry</i> , 1998, 63, 7931-7938.	3.2	24
61	Electroreductive synthesis of acylsilanes from acylimidazoles. <i>Tetrahedron Letters</i> , 1995, 36, 8839-8842.	1.4	14
62	Enantioselective Synthesis of 2,3-Disubstituted Succinic Acids by Oxidative Homocoupling of Optically Active 3-Acyl-2-oxazolidones. <i>Journal of Organic Chemistry</i> , 1995, 60, 1100-1101.	3.2	70
63	Synthesis of Nitrogen-Containing Macrocycles with Reductive Intramolecular Coupling of Aromatic Diimines. <i>Journal of Organic Chemistry</i> , 1995, 60, 3980-3992.	3.2	70
64	Enantioselective synthesis of dimethyl 3,4-diphenyladipate by electroreductive hydrocoupling of chiral N-trans-cinnamoyl-2-oxazolidones. <i>Tetrahedron Letters</i> , 1994, 35, 1897-1900.	1.4	12
65	Electroorganic Chemistry. 144. Electroreductive Coupling of Ketones with O-Methyl Oximes, N,N-Dimethylhydrazones, and Nitrones. A Convenient Route to Synthesis of $\beta$ -Amino Alcohol. <i>Journal of Organic Chemistry</i> , 1994, 59, 1730-1740.	3.2	46
66	Electroreductive intramolecular coupling of nonconjugated aromatic ketones. <i>Journal of Organic Chemistry</i> , 1994, 59, 1407-1413.	3.2	48
67	An Electroreductively Promoted Unusual Coupling of Benzoic Acid Esters. <i>Electrochemistry</i> , 1993, 61, 870-871.	0.3	1
68	Electroorganic chemistry. 140. Electroreductively promoted intra- and intermolecular couplings of ketones with nitriles. <i>Journal of Organic Chemistry</i> , 1992, 57, 7175-7187.	3.2	86
69	Electroreductive Coupling of Aromatic Imines with Electrophiles in the Presence of Chlorotrimethylsilane. <i>Chemistry Letters</i> , 1991, 20, 2191-2194.	1.3	49
70	Electroreductive intermolecular coupling of ketones with O-methyl oximes. A convenient route to synthesis of 2-amino alcohols. <i>Tetrahedron Letters</i> , 1991, 32, 525-528.	1.4	37
71	Electroreductive intramolecular coupling of $\hat{1}$ <sup>3</sup> - and $\hat{1}$ <sup>1</sup> -cyanoketones. <i>Tetrahedron Letters</i> , 1990, 31, 1303-1306.	1.4	45
72	Electroorganic chemistry. 98. Novel intramolecular stereoselective addition of electrogenerated radical species to the aromatic ring. <i>Journal of the American Chemical Society</i> , 1986, 108, 4676-4677.	13.7	48