

Naoki Kise

List of Publications by Year in descending order

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1,334
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304743

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86
all docs

86
docs citations

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times ranked

795
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Electroorganic chemistry. 140. Electroreductively promoted intra- and intermolecular couplings of ketones with nitriles.. Journal of Organic Chemistry, 1992, 57, 7175-7187. | 3.2 | 86 |
| 2 | Enantioselective Synthesis of 2,3-Disubstituted Succinic Acids by Oxidative Homocoupling of Optically Active 3-Acyl-2-oxazolidones. Journal of Organic Chemistry, 1995, 60, 1100-1101. | 3.2 | 70 |
| 3 | Synthesis of Nitrogen-Containing Macrocycles with Reductive Intramolecular Coupling of Aromatic Diimines. Journal of Organic Chemistry, 1995, 60, 3980-3992. | 3.2 | 70 |
| 4 | Electroreductive Coupling of Aromatic Imines with Electrophiles in the Presence of Chlorotrimethylsilane. Chemistry Letters, 1991, 20, 2191-2194. | 1.3 | 49 |
| 5 | Electroorganic chemistry. 98. Novel intramolecular stereoselective addition of electrogenerated radical species to the aromatic ring. Journal of the American Chemical Society, 1986, 108, 4676-4677. | 13.7 | 48 |
| 6 | Electroreductive intramolecular coupling of nonconjugated aromatic ketones. Journal of Organic Chemistry, 1994, 59, 1407-1413. | 3.2 | 48 |
| 7 | 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. Journal of Organic Chemistry, 1994, 59, 1730-1740. | 3.2 | 46 |
| 8 | Electroreductive Intramolecular Coupling of Phthalimides with Aromatic Aldehydes: Application to the Synthesis of Lennoxamine. Journal of Organic Chemistry, 2011, 76, 9856-9860. | 3.2 | 46 |
| 9 | Electroreductive intramolecular coupling of $\hat{\alpha}^3$ - and $\hat{\alpha}^1$ -cyanoketones. Tetrahedron Letters, 1990, 31, 1303-1306. | 1.4 | 45 |
| 10 | Asymmetric synthesis of optically active 2,3-diarylsuccinic acids by oxidative homocoupling of chiral 3-(arylacetyl)-2-oxazolidones. Tetrahedron, 1998, 54, 2697-2708. | 1.9 | 44 |
| 11 | Oxidative Homocoupling of Chiral 3-Arylpropanoic Acid Derivatives. Application to Asymmetric Synthesis of Lignans. Journal of Organic Chemistry, 2000, 65, 464-468. | 3.2 | 44 |
| 12 | Stereoselective Hydrocoupling of Cinnamic Acid Esters by Electroreduction: Application to Asymmetric Synthesis of Hydrodimers. Journal of Organic Chemistry, 2002, 67, 8305-8315. | 3.2 | 39 |
| 13 | Electroreductive intermolecular coupling of ketones with O-methyl oximes. A convenient route to synthesis of 2-amino alcohols. Tetrahedron Letters, 1991, 32, 525-528. | 1.4 | 37 |
| 14 | Electroreductive Intramolecular Coupling of Chiral $\hat{\alpha}^2$ -Imino Esters: Stereoselective Synthesis of Mixed Ketals of cis-2,4-Disubstituted Azetidine-3-ones. Journal of the American Chemical Society, 2003, 125, 11591-11596. | 13.7 | 35 |
| 15 | Electroreductive intramolecular coupling of N-(oxoalkyl)phthalimides: complementary method to samarium(II) iodide reduction. Tetrahedron Letters, 2010, 51, 70-74. | 1.4 | 35 |
| 16 | Electroreductive Coupling of Phthalimides with $\hat{\alpha}^1, \hat{\alpha}^2$ -Unsaturated Esters: Unusual Rearrangement of Resulting Silyl Ketene Acetals. Organic Letters, 2009, 11, 4902-4905. | 4.6 | 33 |
| 17 | Electroreductive intermolecular coupling of phthalimides with aldehydes: application to the synthesis of alkylideneisoindolin-1-ones. Tetrahedron, 2012, 68, 8805-8816. | 1.9 | 29 |
| 18 | Electroreductive Intramolecular Coupling of 1-Indolealkanones. Organic Letters, 2008, 10, 4617-4620. | 4.6 | 27 |

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|----|--|-----|-----------|
| 19 | Stereoselective Hydrocoupling of Optically Active 3-trans-Cinnamoyloxazolidinones by Electroreduction. <i>Journal of Organic Chemistry</i> , 1998, 63, 7931-7938. | 3.2 | 24 |
| 20 | Electroreductive Acylation of Aromatic Ketones with Acylimidazoles. <i>Journal of Organic Chemistry</i> , 2005, 70, 9407-9410. | 3.2 | 24 |
| 21 | Electroreductive crossed pinacol coupling of aromatic ketones with aliphatic ketones and aldehydes. <i>Tetrahedron</i> , 2007, 63, 5415-5426. | 1.9 | 24 |
| 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 Coupling of Optically Active $\hat{\alpha}$, $\hat{\beta}$ -Unsaturated Carbonyl Compounds with Diaryl Ketones: Asymmetric Synthesis of 4,5,5-Trisubstituted $\hat{\beta}$ -Butyrolactones. <i>Organic Letters</i> , 2014, 16, 3348-3351. | 4.6 | 23 |
| 24 | Electroreductive intramolecular coupling of aromatic $\hat{\gamma}$ - and $\hat{\mu}$ -keto esters. <i>Tetrahedron Letters</i> , 2003, 44, 6281-6284. | 1.4 | 19 |
| 25 | Electroreductive intramolecular coupling of aliphatic cyclic imides with ketones and O-methyloximes. <i>Tetrahedron Letters</i> , 2010, 51, 5767-5770. | 1.4 | 19 |
| 26 | Electroreductive Intermolecular Coupling of 3-Methoxycarbonylindoles with Ketones. <i>Organic Letters</i> , 2013, 15, 2746-2749. | 4.6 | 19 |
| 27 | Electroreductive Intramolecular Coupling of Aromatic $\hat{\alpha}$ - and $\hat{\beta}$ -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 |
| 28 | A New Method for the Synthesis of $\hat{\alpha}$ -Amino Acid Derivatives and $\hat{\alpha}$ -Lactams. Reaction of N-Alkoxy carbonyl-1-methoxyamines with Esters. <i>Journal of Organic Chemistry</i> , 1999, 64, 7511-7514. | 3.2 | 17 |
| 29 | Stereoselective homocoupling of chiral 1-acylacetyl-2-imidazolidinones by oxidation with Br ₂ . <i>Tetrahedron: Asymmetry</i> , 2002, 13, 1845-1847. | 1.8 | 16 |
| 30 | Reductive coupling of isatins with ketones and aldehydes by low-valent titanium. <i>Tetrahedron</i> , 2014, 70, 9668-9675. | 1.9 | 16 |
| 31 | 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 |
| 32 | Electroreductive synthesis of acylsilanes from acylimidazoles. <i>Tetrahedron Letters</i> , 1995, 36, 8839-8842. | 1.4 | 14 |
| 33 | 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 |
| 34 | 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 |
| 35 | 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 |
| 36 | Electroreductive Intermolecular Coupling of Coumarins with Benzophenones: Synthesis of 4-(2-Hydroxyphenyl)-5,5-diaryl- $\hat{\beta}$ -butyrolactones, 2-(2,2-Diaryl-2,3-dihydrobenzofuran-3-yl)acetic Acids, and 4-(Diarylmethyl)coumarins. <i>Journal of Organic Chemistry</i> , 2016, 81, 11043-11056. | 3.2 | 12 |

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|----|--|-----|-----------|
| 37 | Stereoselective Hydrocoupling of [(1R)-exo]-3-exo-(Diphenylmethyl)bornyl Cinnamates by Electroreduction. <i>Organic Letters</i> , 2001, 3, 3241-3244. | 4.6 | 10 |
| 38 | Stereoselective intramolecular coupling of diaroyletates of (1R,1 $\hat{\epsilon}$ 2R)-exo,exo $\hat{\epsilon}$ 2-3,3 $\hat{\epsilon}$ 2-biisoborneol by oxidation with Br ₂ . <i>Tetrahedron: Asymmetry</i> , 2003, 14, 2495-2497. | 1.8 | 10 |
| 39 | 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 |
| 40 | Intermolecular Reductive Coupling of Esters with Benzophenones by Low-Valent Titanium: Synthesis of Diarylmethyl Ketones Revisited. <i>Journal of Organic Chemistry</i> , 2015, 80, 3496-3503. | 3.2 | 10 |
| 41 | Electroreductive coupling of 1,3-dimethyluracils with aromatic ketones: synthesis of 6-substituted 1,3-dimethyluracils. <i>Tetrahedron Letters</i> , 2015, 56, 4599-4602. | 1.4 | 10 |
| 42 | 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. <i>Journal of Organic Chemistry</i> , 2016, 81, 5101-5119. | 3.2 | 10 |
| 43 | Electroreductive acylation of aromatic imines with acylimidazoles. <i>Tetrahedron</i> , 2008, 64, 1765-1771. | 1.9 | 9 |
| 44 | 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 |
| 45 | Electroreductive coupling of aromatic ketones, aldehydes, and aldimines with $\hat{1}\pm, \hat{1}^2$ -unsaturated esters: Synthesis of 5-aryl substituted $\hat{1}^3$ -butyrolactones and lactams. <i>Tetrahedron</i> , 2017, 73, 1143-1156. | 1.9 | 9 |
| 46 | 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. <i>Tetrahedron</i> , 2018, 74, 992-1001. | 1.9 | 9 |
| 47 | 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 |
| 48 | Reductive coupling of aliphatic cyclic imides with benzophenones by low-valent titanium. <i>Tetrahedron Letters</i> , 2013, 54, 6944-6948. | 1.4 | 8 |
| 49 | Asymmetric Synthesis of anti- $\hat{1}\pm, \hat{1}^2$ -Disubstituted $\hat{1}^2$ -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 |
| 50 | Electroreductive Intermolecular Coupling of Chromones with Benzophenones: Synthesis of 2 $\hat{\epsilon}$ Diarylmethylchromones and Tetrasubstituted Furans. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 3662-3676. | 2.4 | 7 |
| 51 | Reductive coupling of phthalic anhydrides with aliphatic ketones by low-valent titanium: Unusual two-to-one coupling for preparation of 3,3-disubstituted phthalides. <i>Tetrahedron</i> , 2020, 76, 130820. | 1.9 | 7 |
| 52 | 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 |
| 53 | Reductive coupling of aliphatic cyclic imides and $\hat{1}\pm$ -amidoesters with benzophenones by low-valent titanium: Synthesis of 5-diarylmethylene-1,5-dihydropyrrol-2-ones, 6-diarylmethyl-2-pyridones, and $\hat{1}\pm$ -(diarylmethylene)lactams. <i>Tetrahedron</i> , 2019, 75, 3553-3569. | 1.9 | 5 |
| 54 | Electroreductive Intermolecular Coupling of 4-Quinolones with Benzophenones: Synthesis of 2-Substituted 4-Quinolones. <i>ACS Omega</i> , 2019, 4, 20080-20093. | 3.5 | 5 |

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|----|---|-----|-----------|
| 55 | Reductive intramolecular coupling of phthalimides with esters and ketones by low-valent titanium. <i>Tetrahedron</i> , 2020, 76, 131725. | 1.9 | 5 |
| 56 | Unusual Head-to-Tail Coupling of Alkyl Benzoates by Electroreduction. <i>Journal of Organic Chemistry</i> , 2001, 66, 862-867. | 3.2 | 4 |
| 57 | 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 |
| 58 | Electroreductive five- and six-membered cyclization of aromatic $\hat{\alpha}$ - and $\hat{\beta}$ -imino esters derived from (S)-aspartic acid and (S)-glutamic acid. <i>Tetrahedron</i> , 2012, 68, 2579-2589. | 1.9 | 4 |
| 59 | Stereoselective intramolecular coupling of barbituric acids with aliphatic ketones and O-methyl oximes by electroreduction: radical cyclization mechanism supported by DFT study. <i>Tetrahedron Letters</i> , 2016, 57, 1790-1793. | 1.4 | 4 |
| 60 | Electroreductive Coupling of Phthalic Anhydrides with $\hat{\alpha}$, $\hat{\beta}$ -Unsaturated Carbonyl Compounds: Synthesis of 1,4-Dihydroxynaphthalenes. <i>Journal of Organic Chemistry</i> , 2020, 85, 13973-13982. | 3.2 | 4 |
| 61 | Electroreductive Coupling of Phthalimides with $\hat{\alpha}$, $\hat{\beta}$ -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. <i>Journal of Organic Chemistry</i> , 2021, 86, 18232-18246. | 3.2 | 3 |
| 62 | Diastereoselective α -Hydrocoupling of Benzalacetones by Electroreduction. <i>Journal of Organic Chemistry</i> , 2004, 69, 959-963. | 3.2 | 2 |
| 63 | 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 |
| 64 | An Electroreductively Promoted Unusual Coupling of Benzoic Acid Esters. <i>Electrochemistry</i> , 1993, 61, 870-871. | 0.3 | 1 |
| 65 | Inchworm-type PNA-PEG conjugate regulates gene expression based on single nucleotide recognition. <i>International Journal of Biological Macromolecules</i> , 2021, 181, 471-477. | 7.5 | 1 |
| 66 | Reductive Coupling of Isatins with $\hat{\alpha}$, $\hat{\beta}$ -Unsaturated Carbonyl Compounds by Low-Valent Titanium. <i>Bulletin of the Chemical Society of Japan</i> , 2022, 95, 104-109. | 3.2 | 1 |
| 67 | Stereoselective Homocoupling of Chiral 1-Aroylacetyl-2-imidazolidinones by Oxidation with Br ₂ . <i>ChemInform</i> , 2003, 34, no. | 0.0 | 0 |
| 68 | Stereoselective Hydrocoupling of Cinnamic Acid Esters by Electroreduction: Application to Asymmetric Synthesis of Hydrodimers. <i>ChemInform</i> , 2003, 34, no. | 0.0 | 0 |
| 69 | Electroreductive Intramolecular Coupling of Aromatic $\hat{\alpha}$ - and $\hat{\beta}$ -Keto Esters. <i>ChemInform</i> , 2003, 34, no. | 0.0 | 0 |
| 70 | Electroreductive Intramolecular Coupling of Chiral $\hat{\alpha}$ -Imino Esters: Stereoselective Synthesis of Mixed Ketals of cis-2,4-Disubstituted Azetidine-3-ones. <i>ChemInform</i> , 2004, 35, no. | 0.0 | 0 |
| 71 | Electroreductive Intramolecular Coupling of Aromatic $\hat{\alpha}$ - and $\hat{\beta}$ -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 |
| 72 | Reductive Coupling of Benzofuran-2,3-diones with Ketones and Aldehydes by Low-Valent Titanium. <i>Bulletin of the Chemical Society of Japan</i> , 2022, 95, 1209-1213. | 3.2 | 0 |