

# Yoshikazu Kimura

## List of Publications by Year in descending order

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67  
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1,259  
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331670

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docs citations

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Poly(ethylene glycols) are extraordinary catalysts in liquid-liquid two-phase dehydrohalogenation. <i>Journal of Organic Chemistry</i> , 1982, 47, 2493-2494.	3.2	75
2	Poly(ethylene glycols) and poly(ethylene glycol)-grafted copolymers are extraordinary catalysts for dehydrohalogenation under two-phase and three-phase conditions. <i>Journal of Organic Chemistry</i> , 1983, 48, 195-198.	3.2	70
3	Sodium Hypochlorite Pentahydrate Crystals (NaOCl·5H <sub>2</sub> O): A Convenient and Environmentally Benign Oxidant for Organic Synthesis. <i>Organic Process Research and Development</i> , 2017, 21, 1925-1937.	2.7	69
4	A novel and efficient synthesis of the key intermediate of 1 <sup>β</sup> -methylcarbapenem antibiotics employing [2+2]-cycloaddition reaction of diketene with a chiral imine. <i>Tetrahedron</i> , 1988, 44, 2149-2165.	1.9	59
5	Novel Glycosidation of 4-Demethoxyanthracyclines by the Use of Trimethylsilyl Triflate. Syntheses of Optically Active 4-Demethoxydaunorubicin and 4-Demethoxyadriamycin. <i>Bulletin of the Chemical Society of Japan</i> , 1986, 59, 423-431.	3.2	53
6	Catalysis by certain amines in an aqueous phase. Preparation of dichlorocyclopropane derivatives. <i>Journal of Organic Chemistry</i> , 1974, 39, 3171-3172.	3.2	44
7	A novel and efficient synthesis of the key intermediate of 1 <sup>β</sup> -methylcarbapenem antibiotics from (S)-methyl 3-hydroxy-2-methylpropionate. <i>Tetrahedron Letters</i> , 1986, 27, 6241-6244.	1.4	39
8	Sodium Hypochlorite Pentahydrate (NaOCl·5H <sub>2</sub> O) Crystals as an Extraordinary Oxidant for Primary and Secondary Alcohols. <i>Synlett</i> , 2014, 25, 596-598.	1.8	39
9	TRIMETHYLSILYL TRIFLUOROMETHANESULFONATE (TRIMETHYLSILYL TRIFLATE) AS AN EXCELLENT GLYCOSIDATION REAGENT FOR ANTHRACYCLINE SYNTHESIS. SIMPLE AND EFFICIENT SYNTHESIS OF OPTICALLY PURE 4-DEMETHOXYDAUNORUBICIN. <i>Chemistry Letters</i> , 1984, 13, 501-504.	1.3	38
10	High dilution via solid-liquid phase-transfer catalysis. A practical approach to the synthesis of macrolides. <i>Journal of Organic Chemistry</i> , 1983, 48, 1533-1534.	3.2	37
11	Poly(ethylene glycol)-graft copolymers as synthetic equivalents of benzyltriethylammonium chloride for triphase catalytic alkylation. <i>Journal of Organic Chemistry</i> , 1983, 48, 385-386.	3.2	34
12	Novel ethynylcerium(III) reagents as efficient tools for constructing the .ALPHA.-hydroxy methyl ketone moiety of anthracyclines. <i>Chemical and Pharmaceutical Bulletin</i> , 1986, 34, 1531-1539.	1.3	33
13	General and Highly Efficient Syntheses of m-Fluoro Arenes Using Potassium Fluoride-Exchange Method. <i>Bulletin of the Chemical Society of Japan</i> , 1990, 63, 2010-2017.	3.2	31
14	A Convenient Synthesis of Fluorobenzaldehydes by KF/Ph <sub>4</sub> PBr/18-Crown-6 Reagent System. <i>Chemistry Letters</i> , 1988, 17, 1355-1358.	1.3	30
15	Freeze-dried potassium fluoride: Synthetic utility as a fluorinating agent. <i>Tetrahedron Letters</i> , 1989, 30, 1271-1272.	1.4	29
16	Triphase catalytic cyclization. Efficacious macrolide synthesis. <i>Journal of the American Chemical Society</i> , 1982, 104, 2064-2065.	18.7	27
17	A NOVEL SYNTHESIS OF THE 1 <sup>β</sup> -HYDROXYKETONE MOIETY OF ANTHRACYCLINONES BY THE USE OF 2-TRIMETHYLSILYLETHYNYLCERIUM(III) REAGENTS. <i>Chemistry Letters</i> , 1984, 13, 1543-1546.	1.3	26
18	A Novel and Highly Efficient Asymmetric Synthesis of Optically Active Anthracyclines. <i>Bulletin of the Chemical Society of Japan</i> , 1986, 59, 3559-3572.	3.2	26

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19	Sodium hypochlorite pentahydrate (NaOCl·5H <sub>2</sub> O) crystals; An effective re-oxidant for TEMPO oxidation. <i>Tetrahedron</i> , 2016, 72, 2818-2827.	1.9	25
20	A general and highly efficient asymmetric synthesis of optically active anthracyclonones. <i>Tetrahedron Letters</i> , 1985, 26, 6481-6484.	1.4	23
21	A Simple and Efficient Synthesis of Optically Active (+)-4-Demethoxydaunomycinone. <i>Bulletin of the Chemical Society of Japan</i> , 1986, 59, 415-421.	3.2	22
22	Nitrone Cycloaddition Route to the 1 <sup>1</sup> -Methylcarbapenem Key Intermediate. <i>Bulletin of the Chemical Society of Japan</i> , 1987, 60, 3337-3340.	3.2	22
23	Polymer-supported aminopyridinium salts as versatile catalysts for the synthesis of aryl fluorides. <i>Tetrahedron Letters</i> , 1989, 30, 7199-7202.	1.4	22
24	Selective Synthesis of Sulfoxides through Oxidation of Sulfides with Sodium Hypochlorite Pentahydrate Crystals. <i>Synlett</i> , 2015, 26, 2547-2552.	1.8	22
25	An Efficient Method for the Preparation of Sulfonyl Chlorides: Reaction of Disulfides or Thiols with Sodium Hypochlorite Pentahydrate (NaOCl·5H <sub>2</sub> O) Crystals. <i>Chemistry Letters</i> , 2015, 44, 185-187.	1.3	21
26	New preparation method for Vilsmeier reagent and related imidoyl chlorides. <i>Tetrahedron Letters</i> , 2012, 53, 1116-1118.	1.4	20
27	An Improved Synthesis of N-Trifluoroacetyl-L-daunosamine. <i>Bulletin of the Chemical Society of Japan</i> , 1986, 59, 663-664.	3.2	19
28	An improved and practical synthesis of 4-fluorobenzaldehyde by halogen-exchange fluorination reaction. <i>Journal of Fluorine Chemistry</i> , 1989, 44, 291-298.	1.7	19
29	Tetraphenylphosphonium Salts-Grafted Copolymers as Catalysts for Halogen-Exchange Fluorinations. <i>Chemistry Letters</i> , 1990, 19, 769-772.	1.3	19
30	Synthesis of 3,4-difluorobenzonitrile and monofluorobenzonitriles by means of halogen-exchange fluorination. <i>Journal of Fluorine Chemistry</i> , 1991, 52, 341-351.	1.7	19
31	Sodium Hypochlorite Pentahydrate as a Reagent for the Cleavage of <i>trans</i> -Cyclic Glycols. <i>Journal of Organic Chemistry</i> , 2019, 84, 8330-8336.	3.2	19
32	Novel Synthetic Method for the Vilsmeier-Haack Reagent and Green Routes to Acid Chlorides, Alkyl Formates, and Alkyl Chlorides. <i>International Journal of Organic Chemistry</i> , 2013, 03, 1-7.	0.7	18
33	Tetraphenylphosphonium Bromide Catalyzed Fluorodenitrations and Fluorodesulfonylations. Efficient Syntheses of <i>ortho</i> -Fluoroaromatic Compounds. <i>Chemistry Letters</i> , 1989, 18, 2213-2216.	1.3	14
34	Regioselective Formylation of Pyrrole-2-Carboxylate: Crystalline Vilsmeier Reagent vs Dichloromethyl Alkyl Ether. <i>Organic Process Research and Development</i> , 2019, 23, 614-618.	2.7	13
35	AN IMPROVED ASYMMETRIC SYNTHESIS OF (R)-( <i>1</i> )-2-ACETYL-5,8-DIMETHOXY-1,2,3,4-TETRAHYDRO-2-NAPHTHOL. A VERSATILE KEY SYNTHETIC INTERMEDIATE OF OPTICALLY ACTIVE ANTHRACYCLINONES. <i>Chemistry Letters</i> , 1985, 14, 367-370.	1.3	12
36	Triphase Catalytic Saponification. <i>Synthetic Communications</i> , 1983, 13, 443-447.	2.1	11

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37	A Novel Synthesis of Methyl [6-( $\pm$ -methoxyimino)ethyl]salicylate. <i>Synlett</i> , 1994, 1994, 61-62.	1.8	10
38	Regio-selective hydroxysubstitution of fluorobenzoic acid derivatives: facile synthesis of fluorosalicylic acid derivatives. <i>Journal of Fluorine Chemistry</i> , 2003, 121, 97-99.	1.7	10
39	Syntheses of optically active 9-hydroxymethyl- and 9-carbamoyloxymethyl-9-deacetyl-4-demethoxydaunomycinone.. <i>Chemical and Pharmaceutical Bulletin</i> , 1987, 35, 3658-3665.	1.3	9
40	A SIMPLE AND EFFICIENT SYNTHESIS OF KEY SYNTHETIC INTERMEDIATES OF 4-DEMETHOXYANTHRACYCLINONES, ( $\pm$ )- AND (R)-( $\hat{\alpha}$ )-7-DEOXY-4-DEMETHOXYDAUNOMYCINONE. <i>Chemistry Letters</i> , 1985, 14, 57-60.	1.3	8
41	Synthesis of aromatic fluorides - Enhancement of reactivity of potassium fluoride on the halogen-exchange fluorination reactions.. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , 1989, 47, 258-264.	0.1	8
42	Tetraphenylphosphonium bromide-catalyzed $\hat{\alpha}$ -Halex $\hat{\alpha}$ ™ fluorination of chloroaryl sulfonyl chlorides. <i>Journal of Fluorine Chemistry</i> , 1991, 55, 335-337.	1.7	7
43	Efficient preparation of dichloromethyl alkyl ethers and their application in the formylation of aromatic compounds: Scope and limitations. <i>Tetrahedron</i> , 2019, 75, 608-616.	1.9	7
44	Oxidation of fluoroalkyl alcohols using sodium hypochlorite pentahydrate [1]. <i>Journal of Fluorine Chemistry</i> , 2021, 243, 109719.	1.7	7
45	Synthesis of 4-demethoxyanthracyclines carrying a lipophilic alkanoyl group at the C9-position.. <i>Chemical and Pharmaceutical Bulletin</i> , 1986, 34, 4605-4612.	1.3	6
46	Synthesis of novel 13-methyl-13-dihydroanthracyclines.. <i>Chemical and Pharmaceutical Bulletin</i> , 1986, 34, 4613-4619.	1.3	6
47	A convenient synthesis of fluorobenzoic acid esters via direct halogen exchange. <i>Journal of Fluorine Chemistry</i> , 1991, 53, 301-305.	1.7	6
48	Characterization of amphipathic fluorinated porphyrin derivatives. <i>Journal of the Chemical Society Chemical Communications</i> , 1992, , 545.	2.0	6
49	Sulfonyl chloride as a disposable electron withdrawing substituent in halex fluorinations. <i>Journal of Fluorine Chemistry</i> , 2000, 101, 85-89.	1.7	6
50	A Concise, Catalyst-Free Synthesis of Davis $\hat{\alpha}$ ™ Oxaziridines using Sodium Hypochlorite. <i>SynOpen</i> , 2019, 03, 21-25.	1.7	6
51	2-CHLORO-1,3-BUTADIENE AS AN EFFICIENT ENOPHILE IN THE DIELS $\hat{\alpha}$ ALDER REACTION WITH ANTHRACENE-1,4,9,10-TETRAONE. A SIMPLE SYNTHESIS OF THE 4-DEMETHOXYANTHRACYCLINONE INTERMEDIATE. <i>Chemistry Letters</i> , 1984, 13, 473-476.	1.3	5
52	Novel Syntheses of Optically Active 4-Demethoxyanthracyclines Carrying a Hydroxymethyl or a Carbamoyloxymethyl Group at the C9-Position. <i>Chemistry Letters</i> , 1986, 15, 1739-1742.	1.3	5
53	A Practical Synthesis of 6-Acetylsalicylic Acid Methyl Ester. <i>Synthetic Communications</i> , 1994, 24, 2749-2756.	2.1	5
54	Convenient preparation of dichloromethyl alkyl ethers. <i>Tetrahedron Letters</i> , 2017, 58, 4598-4599.	1.4	5

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55	Organic Syntheses Using Sodium Hypochlorite Pentahydrate (NaOCl·5H <sub>2</sub> O) Crystals. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 2020, 78, 11-27.	0.1	5
56	Synthesis of Sulfonyl Halides from Disulfides or Thiols Using Sodium Hypochlorite Pentahydrate (NaOCl·5H <sub>2</sub> O) Crystals. Synthesis, 2022, 54, 4120-4128.	2.3	5
57	ENANTIOSELECTIVE ADDITION OF DICHLOROCARBENE TO OLEFINS BY USE OF CHIRAL TERTIARY AMINES. Chemistry Letters, 1976, 5, 1149-1152.	1.3	4
58	SELECTIVITY IN THE PRODUCT-DISTRIBUTION UPON THE ADDITION OF DICHLOROCARBENE TO OLEFINS BY USE OF TERTIARY AMINES AS CATALYSTS. Chemistry Letters, 1977, 6, 951-954.	1.3	4
59	Synthetic Approach for Discovery and Development of Novel Rice Herbicide, Pyriminobac-methyl.. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 1998, 56, 863-870.	0.1	4
60	SYNTHESIS AND UNAMBIGUOUS CHARACTERIZATION OF OPTICALLY PURE (+)-4-DEMETHOXYADRIAMYCIN HYDROCHLORIDE. Chemistry Letters, 1984, 13, 2113-2116.	1.3	3
61	Synthesis and antitumor activity of optically active (+)-9-O- $\alpha$ -L-daunosaminyl-4-demethoxydaunorubicin.. Journal of Antibiotics, 1985, 38, 1277-1279.	2.0	3
62	Bifunctional Acyl-1,2,4-triazole: An Alternative Monomer of Dicarbonyl Chloride for Metal- and Halogen-free Polyester Synthesis. Chemistry Letters, 2018, 47, 221-224.	1.3	3
63	Synthesis of polyarylates and aliphatic polyesters by divalent acyl-1,2,4-triazole: a route to metal-free synthesis at low temperature. Polymer Journal, 2021, 53, 887-893.	2.7	3
64	â€ˆHalexâ€™ fluorination of 1,2,4,5-tetrachlorobenzene in a pressure reactor. Journal of Fluorine Chemistry, 1992, 59, 289-291.	1.7	2
65	Esterification with Aromatic Acyl-1,2,4-triazole Catalyzed by Weak Base at the Rate Comparable to Acyl Chloride. Chemistry Letters, 2018, 47, 100-102.	1.3	2
66	Regioselective Hydroxysubstitution of Fluorobenzoic Acid Derivatives: Facile Synthesis of Fluorosalicic Acid Derivatives.. ChemInform, 2003, 34, no.	0.0	0
67	Direct Formylation of Fluorine-Containing Aromatics with Dichloromethyl Alkyl Ethers. Chemical and Pharmaceutical Bulletin, 2019, 67, 587-593.	1.3	0