

Kouichi Ohe

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

100
papers

3,180
citations

34
h-index

52
g-index

167
ext. papers

3,508
ext. citations

6.1
avg, IF

5.29
L-index

#	Paper	IF	Citations
100	Identification of Breast Cancer Stem Cells Using a Newly Developed Long-acting Fluorescence Probe, C5S-A, Targeting ALDH1A1.. <i>Anticancer Research</i> , 2022 , 42, 1199-1205	2.3	0
99	Properties and Reactivities of Zwitterionic Platinum(II)-ate Complexes Generated by Transforming Coordination of an AlkyneBisphosphine Ligand. <i>Organometallics</i> , 2021 , 40, 848-856	3.8	1
98	MMP-2-Activatable Photoacoustic Tumor Imaging Probes Based on Al- and Si-Naphthalocyanines. <i>Bioconjugate Chemistry</i> , 2021 , 32, 1773-1781	6.3	3
97	pH-Activatable Cyanine Dyes for Selective Tumor Imaging Using Near-Infrared Fluorescence and Photoacoustic Modalities. <i>ACS Sensors</i> , 2021 , 6, 123-129	9.2	12
96	Substituted -vinyl-BODIPY as thiol-selective fluorogenic probes for sensing unfolded proteins in the endoplasmic reticulum. <i>Chemical Communications</i> , 2021 , 57, 1818-1821	5.8	8
95	Deep-Red/Near-Infrared Turn-On Fluorescence Probes for Aldehyde Dehydrogenase 1A1 in Cancer Stem Cells. <i>ACS Sensors</i> , 2021 , 6, 3320-3329	9.2	2
94	Dual-Stimuli-Responsive Probes for Detection of Ovarian Cancer Cells and Quantification of Both pH and Enzyme Activity. <i>Bulletin of the Chemical Society of Japan</i> , 2021 , 94, 2068-2075	5.1	2
93	Aluminum naphthalocyanine conjugate as an MMP-2-activatable photoacoustic probe for in vivo tumor imaging. <i>Methods in Enzymology</i> , 2021 , 657, 89-109	1.7	
92	The Reaction Pathway Leading to Dinuclear Rhodium and Iridium Complexes from Alkyne-Containing Bisphosphine Ligands. <i>Bulletin of the Chemical Society of Japan</i> , 2020 , 93, 794-798	5.1	3
91	Bis-Metal Complexes of Doubly N-Confused Dioxohexaphyrins as Potential Near-Infrared-II Photoacoustic Dyes. <i>Journal of the American Chemical Society</i> , 2020 , 142, 4429-4437	16.4	26
90	Chemistry of 2H-Azirines from Old to New Selective Synthesis and Transformation. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , 2020 , 78, 1126-1137	0.2	1
89	An enzyme-triggered turn-on fluorescent probe based on carboxylate-induced detachment of a fluorescence quencher. <i>Organic and Biomolecular Chemistry</i> , 2020 , 18, 8620-8624	3.9	6
88	EConjugated Macrocycles Bearing Angle-Strained Alkynes. <i>Chemistry - A European Journal</i> , 2020 , 26, 2529-2575	4.8	18
87	Bimetallic Reactivities of Dinuclear Iridium and Rhodium Complexes Generated from Two Types of Alkyne-Containing Bisphosphine Ligands. <i>European Journal of Inorganic Chemistry</i> , 2020 , 2020, 1894-1901	7.3	1
86	Near-Infrared Circularly Polarized Luminescence through Intramolecular Excimer Formation of Oligo(p-phenyleneethynylene)-Based Double Helicates. <i>Chemistry - A European Journal</i> , 2019 , 25, 9122-9122	4.8	12
85	Near-Infrared Circularly Polarized Luminescence through Intramolecular Excimer Formation of Oligo(p-phenyleneethynylene)-Based Double Helicates. <i>Chemistry - A European Journal</i> , 2019 , 25, 9211-9216	4.8	19
84	Recent Progress on Cyclic Nitrenoid Precursors in Transition-Metal-Catalyzed Nitrene-Transfer Reactions. <i>Chemistry - A European Journal</i> , 2019 , 25, 3156-3180	4.8	43

83	Asymmetric Synthesis of 2H-Azirines with a Tetrasubstituted Stereocenter by Enantioselective Ring Contraction of Isoxazoles. <i>Angewandte Chemie</i> , 2018 , 130, 1051-1055	3.6	16
82	Innenrücktitelbild: Asymmetric Synthesis of 2H-Azirines with a Tetrasubstituted Stereocenter by Enantioselective Ring Contraction of Isoxazoles (Angew. Chem. 4/2018). <i>Angewandte Chemie</i> , 2018 , 130, 1131-1131	3.6	
81	Asymmetric Synthesis of 2H-Azirines with a Tetrasubstituted Stereocenter by Enantioselective Ring Contraction of Isoxazoles. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 1039-1043	16.4	43
80	Carbon Nanomaterials: Unique TubeRing Interactions: Complexation of Single-Walled Carbon Nanotubes with Cycloparaphenyleneacetylenes (Small 26/2018). <i>Small</i> , 2018 , 14, 1870120	11	1
79	pH Responsiveness of Near-infrared Fluorescent Cyanine Dyes Encapsulated in Self-assemblies Composed of Various Amphiphiles. <i>Chemistry Letters</i> , 2018 , 47, 1147-1150	1.7	3
78	Divergent Catalytic Approach from Cyclic Oxime Esters to Nitrogen-Containing Heterocycles with Group 9 Metal Catalysts. <i>ACS Catalysis</i> , 2018 , 8, 7773-7780	13.1	23
77	pH-Responsive Cy5 dyes having nucleophilic substituents for molecular imaging. <i>Tetrahedron Letters</i> , 2018 , 59, 3317-3321	2	5
76	Facile Construction of Tetrahydropyrrolizines by Iron-Catalyzed Double Cyclization of Alkene-Tethered Oxime Esters with 1,2-Disubstituted Alkenes. <i>Organic Letters</i> , 2018 , 20, 3044-3048	6.2	26
75	Palladium-Catalyzed Selective Formation of Substituted Pyrroles from Alkene-tethered Cyclic Oxime Esters. <i>Heterocycles</i> , 2018 , 97, 218	0.8	1
74	Iron-Catalyzed Aminative Cyclization/Intermolecular Homolytic Aromatic Substitution Using Oxime Esters and Simple Arenes. <i>Chemistry - an Asian Journal</i> , 2018 , 13, 395-399	4.5	16
73	Unique Tube-Ring Interactions: Complexation of Single-Walled Carbon Nanotubes with Cycloparaphenyleneacetylenes. <i>Small</i> , 2018 , 14, e1800720	11	24
72	Incorporation of Monatomic Cations onto an Ir ^{III} Bond in a Dimeric Iridium(II) Complex Having a 1,3-Diene-1,4-diyl Backbone. <i>Organometallics</i> , 2018 , 37, 2319-2324	3.8	8
71	pH-Responsive near-infrared fluorescent cyanine dyes for molecular imaging based on pH sensing. <i>Chemical Communications</i> , 2017 , 53, 7792-7795	5.8	22
70	Generation of Stable Ruthenium(IV) Ketimido Complexes by Oxidative Addition of Oxime Esters to Ruthenium(II): Reactivity Studies Based on Electronic Properties of the Ru-N Bond. <i>Chemistry - A European Journal</i> , 2017 , 23, 16892-16897	4.8	8
69	Copper-Catalyzed Regio- and Stereoselective Iodocyanation and Dicyanation of Alkynes with Cyanogen Iodide. <i>Organic Letters</i> , 2017 , 19, 3422-3425	6.2	20
68	Polymeric Self-Assemblies with Boron-Containing Near-Infrared Dye Dimers for Photoacoustic Imaging Probes. <i>Biomacromolecules</i> , 2017 , 18, 249-256	6.9	27
67	Ruthenium-catalyzed Decarboxylative and Dehydrogenative Formation of Highly Substituted Pyridines from Alkene-tethered Isoxazol-5(4H)-ones. <i>Chemistry Letters</i> , 2016 , 45, 988-990	1.7	15
66	Synthesis of 2H-Azirines by Iridium-Catalyzed Decarboxylative Ring Contraction of Isoxazol-5(4H)-ones. <i>Angewandte Chemie</i> , 2016 , 128, 7315-7318	3.6	15

65	Cu Activation Induced by Oxidative Addition of N-D Bonds in Oxime Esters: Formation of Rhodacycles and Cycloaddition with Alkynes. <i>Organometallics</i> , 2016 , 35, 2026-2031	3.8	9
64	Synthesis of 2H-Azirines by Iridium-Catalyzed Decarboxylative Ring Contraction of Isoxazol-5(4H)-ones. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 7199-202	16.4	51
63	Palladium-catalyzed three-component coupling reactions of 2-(cyanomethyl)phenol, aryl halides, and carbon monoxide. <i>Tetrahedron</i> , 2015 , 71, 4432-4437	2.4	9
62	Copper-Catalyzed Cyanation of Aryl- and Alkenylboronic Reagents with Cyanogen Iodide. <i>Organic Letters</i> , 2015 , 17, 4670-3	6.2	21
61	Indium-Catalyzed [2 + 2] Cycloaddition of Allylsilanes to Internal Alkynes. <i>Organic Letters</i> , 2015 , 17, 5843-5	6.2	22
60	Synthesis of Biocompatible Polysaccharide Analogues and Their Application to In Vivo Optical Tumor Imaging. <i>Bulletin of the Chemical Society of Japan</i> , 2015 , 88, 792-803	5.1	4
59	Near-infrared dye-conjugated amphiphilic hyaluronic acid derivatives as a dual contrast agent for in vivo optical and photoacoustic tumor imaging. <i>Biomacromolecules</i> , 2015 , 16, 219-27	6.9	38
58	Palladium-catalyzed aza-Wittig-type condensation of isoxazol-5(4H)-ones with aldehydes. <i>Chemistry - A European Journal</i> , 2014 , 20, 1490-4	4.8	47
57	Sonication-induced formation of size-controlled self-assemblies of amphiphilic Janus-type polymers as optical tumor-imaging agents. <i>Small</i> , 2014 , 10, 3119-30	11	12
56	Synthesis of Imidazoles and Pyrimidines Using Palladium-Catalyzed Decarboxylative Intramolecular Condensation of 1,2,4-Oxadiazol-5(4H)-ones. <i>Synlett</i> , 2014 , 25, 1916-1920	2.2	21
55	Stereoselective construction of 1,3-disilylcyclopentane derivatives by scandium-catalyzed [3+2] cycloaddition of allylsilanes to bisilylenones. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 10195-9	16.4	11
54	Stereoselective Construction of 1,3-Disilylcyclopentane Derivatives by Scandium-Catalyzed [3+2] Cycloaddition of Allylsilanes to Bisilylenones. <i>Angewandte Chemie</i> , 2014 , 126, 10359-10363	3.6	3
53	Acid-catalyzed direct conjugate alkenylation of β -unsaturated ketones. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 10639-43	16.4	25
52	Copper-catalyzed C-H cyanation of terminal alkynes with cyanogen iodide. <i>Organic Letters</i> , 2013 , 15, 5810-3	6.2	35
51	Electron-rich carbon nanorings as macrocyclic hosts for fullerenes. <i>Chemical Communications</i> , 2013 , 49, 9092-4	5.8	53
50	Acid-Catalyzed Direct Conjugate Alkenylation of β -Unsaturated Ketones. <i>Angewandte Chemie</i> , 2013 , 125, 10833-10837	3.6	4
49	Rhodium-Catalyzed Reaction of 2H-Azirines with Carbonyl-ene-yne Compounds Giving 1-Furyl-2-aza-1,3-dienes. <i>Synlett</i> , 2013 , 24, 1541-1544	2.2	17
48	Metathesis Polymerization-Based Synthesis of Functionalized Polymers Aiming at Medicinal Application. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , 2013 , 71, 601-615	0.2	5

47	Amphiphilic Brush-Like Copolymers Involving Hydrophobic Amino Acid- and Oligopeptide-Side Chains for Optical Tumor Imaging In Vivo. <i>Bulletin of the Chemical Society of Japan</i> , 2012 , 85, 1277-1286	5.1	10
46	Gold-catalysed cycloisomerisation reactions of 2-(2-propynyl)pyridine N-oxides leading to indolizinones. <i>Chemical Communications</i> , 2012 , 48, 7622-4	5.8	33
45	Pd- and Cu-catalyzed one-pot multicomponent synthesis of hetero-bidimers of heterocycles. <i>Organic Letters</i> , 2012 , 14, 2296-9	6.2	31
44	An unexpected disproportional reaction of 2H-azirines giving (1E,3Z)-2-aza-1,3-dienes and aromatic nitriles in the presence of nickel catalysts. <i>Chemical Communications</i> , 2012 , 48, 3554-6	5.8	35
43	Practical synthesis of aromatic nitriles via gallium-catalysed electrophilic cyanation of aromatic C-H bonds. <i>Chemical Communications</i> , 2012 , 48, 3127-9	5.8	53
42	Alkyne-coordinating tridentate ligands: structural properties and reactivity of their rhodium complexes. <i>Dalton Transactions</i> , 2012 , 41, 10926-9	4.3	27
41	Near-infrared BODIPY dyes modulated with spirofluorene moieties. <i>Tetrahedron</i> , 2011 , 67, 3105-3110	2.4	22
40	Influence of side chain length on fluorescence intensity of ROMP-based polymeric nanoparticles and their tumor specificity in in-vivo tumor imaging. <i>Small</i> , 2011 , 7, 3536-47	11	32
39	High-Contrast Fluorescence Imaging of Tumors In Vivo Using Nanoparticles of Amphiphilic Brush-Like Copolymers Produced by ROMP. <i>Angewandte Chemie</i> , 2011 , 123, 6697-6700	3.6	7
38	Palladium-Catalyzed Decarboxylative Intramolecular Aziridination from 4H-Isoxazol-5-ones Leading to 1-Azabicyclo[3.1.0]hex-2-enes. <i>Angewandte Chemie</i> , 2011 , 123, 11672-11675	3.6	32
37	High-contrast fluorescence imaging of tumors in vivo using nanoparticles of amphiphilic brush-like copolymers produced by ROMP. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 6567-70	16.4	66
36	Palladium-catalyzed decarboxylative intramolecular aziridination from 4H-isoxazol-5-ones leading to 1-azabicyclo[3.1.0]hex-2-enes. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 11470-3	16.4	84
35	Gallium(III)-catalysed bromocyanation of alkynes: regio- and stereoselective synthesis of β -bromo- α -unsaturated nitriles. <i>Chemical Communications</i> , 2011 , 47, 2375-7	5.8	66
34	Synthesis of strained pyridine-containing cyclyne via reductive aromatization. <i>Journal of Organic Chemistry</i> , 2010 , 75, 3537-40	4.2	39
33	Highly fluorescent BODIPY dyes modulated with spirofluorene moieties. <i>Organic Letters</i> , 2010 , 12, 296-96.2	9.2	51
32	Atom-efficient synthesis of alpha-alkylidene-N-furylimines via catalytic vinylcarbene-transfer reactions to carbonyl-ene-nitrile compounds. <i>Chemical Communications</i> , 2010 , 46, 3366-8	5.8	15
31	Ring-opening metathesis polymerization-based synthesis of polymeric nanoparticles for enhanced tumor imaging in vivo: Synergistic effect of folate-receptor targeting and PEGylation. <i>Biomaterials</i> , 2010 , 31, 934-42	15.6	52
30	Development of Catalytic Carbene Transfer Reactions Using Alkynes as a Source of Carbenes. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , 2009 , 67, 1161-1171	0.2	14

29	Ring-opening metathesis polymerization-based synthesis of ICG-containing amphiphilic triblock copolymers for in vivo tumor imaging. <i>Bioconjugate Chemistry</i> , 2009 , 20, 511-7	6.3	33
28	A new route to 3-acyl-2-aminobenzofurans: palladium-catalysed cycloisomerisation of 2-(cyanomethyl)phenyl esters. <i>Chemical Communications</i> , 2009 , 3466-8	5.8	42
27	Transition metal-catalyzed pentannulation of propargyl acetates via styrylcarbene intermediates. <i>Tetrahedron</i> , 2007 , 63, 12138-12148	2.4	43
26	Transition metal-catalyzed ring-opening, substitution, and cyclopropanation reactions via vinylcarbene complexes generated from O-propargyl thiocarbamates. <i>Tetrahedron Letters</i> , 2007 , 48, 6651-6654	2	18
25	Copper-catalyzed transformation of carbonyl-ene-nitrile compounds: Vinylation, imino ene reaction, and alkynylation of 2-aza-2,4-cyclopentadienone intermediates generated via Ritter-type hydration and dehydrative cyclization reactions. <i>Journal of Organometallic Chemistry</i> , 2007 , 692, 579-584	2.3	11
24	Ruthenium-catalyzed [1,n]-metallotropic shift (n = 3, 5) of alkynyl carbene complex intermediates. <i>Journal of the American Chemical Society</i> , 2006 , 128, 9270-1	16.4	56
23	Ru-catalyzed ring-opening and substitution reactions of heteroaromatic compounds using propargylic carboxylates as precursors of vinylcarbenoids. <i>Organic Letters</i> , 2006 , 8, 1741-3	6.2	47
22	Transition Metal-catalyzed Reactions Using Alkynes as Precursors of Carbene and Vinylidene Complexes. <i>Chemistry Letters</i> , 2005 , 34, 1068-1073	1.7	93
21	Polyaddition and polycondensation reactions of (2-furyl)carbenoid as step-growth polymerization strategies: synthesis of furylcyclopropane- and furfurylidene-containing polymers. <i>Angewandte Chemie - International Edition</i> , 2004 , 43, 1857-60	16.4	52
20	Polyaddition and Polycondensation Reactions of (2-Furyl)carbenoid as Step-Growth Polymerization Strategies: Synthesis of Furylcyclopropane- and Furfurylidene-Containing Polymers. <i>Angewandte Chemie</i> , 2004 , 116, 1893-1896	3.6	12
19	Catalytic cyclopropanation of alkenes via (2-furyl)carbene complexes from 1-benzoyl-cis-1-buten-3-yne with transition metal compounds. <i>Journal of Organic Chemistry</i> , 2004 , 69, 1557-64	4.2	80
18	A new ruthenium-catalyzed cyclopropanation of alkenes using propargylic acetates as a precursor of vinylcarbenoids. <i>Tetrahedron Letters</i> , 2003 , 44, 2019-2022	2	121
17	Ruthenium-catalyzed cyclopropanation of alkenes using propargylic carboxylates as precursors of vinylcarbenoids. <i>Journal of Organic Chemistry</i> , 2003 , 68, 8505-13	4.2	237
16	Synthesis of 2-pyranylidene or (2-furyl)carbene-chromium complexes from conjugated enyne carbonyl compounds with Cr(CO) ₅ (THF). <i>Journal of Organometallic Chemistry</i> , 2002 , 645, 228-234	2.3	55
15	Chromium- and tungsten-triggered valence isomerism of cis-1-acyl-2-ethynylcyclopropanes via [3,3]sigmatropy of (2-acylcyclopropyl)vinylidene-metal intermediates. <i>Journal of the American Chemical Society</i> , 2002 , 124, 526-7	16.4	59
14	Novel approach for catalytic cyclopropanation of alkenes via (2-furyl)carbene complexes from 1-benzoyl-cis-1-buten-3-yne. <i>Journal of the American Chemical Society</i> , 2002 , 124, 5260-1	16.4	152
13	Catalytic diastereoselective sulfimidation of diaryl sulfides and application of chiral sulfimides to asymmetric allylic alkylation. <i>Chirality</i> , 2000 , 12, 299-312	2.1	19
12	Selective conjugate addition to zerumbone and transannular cyclization of its derivatives. <i>Journal of the Chemical Society, Perkin Transactions 1</i> , 2000 , 3627-3634		23

11	Novel Pyranilidene Complexes from Group 6 Transition Metals and β -Unsaturated Carbonyl Compounds. <i>Organometallics</i> , 2000 , 19, 5525-5528	3.8	53
10	Palladium(II)-catalyzed oxidation of terminal alkenes to methyl ketones using molecular oxygen. <i>Journal of the Chemical Society, Perkin Transactions 1</i> , 2000 , 1915-1918		93
9	A novel amphiphilic chiral ligand derived from D-glucosamine. Application to palladium-catalyzed asymmetric allylic substitution reaction in an aqueous or an organic medium, allowing for catalyst recycling. <i>Journal of Organic Chemistry</i> , 2000 , 65, 5197-201	4.2	72
8	Enantioselective conversion of meso-cyclic disulfides to chiral cyclic sulfides via desulfurization with chiral aminophosphines. <i>Journal of the Chemical Society, Perkin Transactions 1</i> , 2000 , 1595-1599		9
7	Katalytische diastereoselektive Imidierung von Diarylsulfiden mit einer chiralen Oxazolinyleinheit mit Chloramin-T-Trihydrat. <i>Angewandte Chemie</i> , 1999 , 111, 1367-1369	3.6	10
6	Catalytic Diastereoselective Imidation of Diaryl Sulfides Bearing a Chiral Oxazolinyl Moiety with Chloramine T Trihydrate. <i>Angewandte Chemie - International Edition</i> , 1999 , 38, 1288-1289	16.4	28
5	New Examples of 1,6- and 1,7-Hydrogen Transfer Promoted by an β -Silyl Group in Rhodium(I)-Catalyzed Radical Reactions of Acyclic Ene-dienes. <i>Organometallics</i> , 1998 , 17, 2942-2944	3.8	42
4	Enantioselective ortho-Lithiation of Substituted Ferrocenes. <i>Journal of Organic Chemistry</i> , 1996 , 61, 1172-1174		90
3	Rhodium(I)-Catalyzed Cycloaromatization of Acyclic 3-Ene-1,5-dienes. <i>Angewandte Chemie International Edition in English</i> , 1996 , 35, 1823-1825		64
2	Palladium-catalyzed reaction of 5-methylene-1,3-dioxolan-2-ones. A new access to and reactivity of oxatrimethylenemethane-palladium. <i>Journal of Organic Chemistry</i> , 1993 , 58, 1173-1177	4.2	60
1	Palladium catalyzed reaction of methylene-oxazolidinones. Intervention of palladium complex of Y-shaped $\text{CH}_2\text{C}(\text{NTs})\text{CH}_2$ molecule as isostructure of trimethylenemethane. <i>Journal of the American Chemical Society</i> , 1990 , 112, 9646-9647	16.4	31