

Haruyasu Asahara

List of Publications by Year in descending order

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85
papers

943
citations

623734

14
h-index

580821

25
g-index

105
all docs

105
docs citations

105
times ranked

1139
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of a synthetic equivalent of $\hat{1}\pm, \hat{1}\pm$ -dicationic acetic acid leading to unnatural amino acid derivatives via tetrafunctionalized methanes. <i>Organic and Biomolecular Chemistry</i> , 2022, 20, 2282-2292.	2.8	2
2	Visible-light-induced phosgenation of amines by chloroform oxygenation using chlorine dioxide. <i>Chemical Communications</i> , 2022, 58, 6176-6179.	4.1	3
3	A Mechanistic Study for Aziridination of Nitroalkenes Mediated by $\hat{1}\pm, \hat{1}\pm$ -Chlorosuccinimide. <i>Journal of Oleo Science</i> , 2022, 71, 897-903.	1.4	1
4	Selective utilization of phosphorus compounds by <i>Chaetoceros tenuissimus</i> (Bacillariophyceae): Approach using ^{31}P nuclear magnetic resonance analysis. <i>Phycological Research</i> , 2022, 70, 151-159.	1.6	2
5	Synthesis of Nitroaromatic Compounds via Three-Component Ring Transformations. <i>Molecules</i> , 2021, 26, 639.	3.8	5
6	Surface modification of poly(phenylene sulfide) using photoinitiated chlorine dioxide radical as an oxidant. <i>Polymer Journal</i> , 2021, 53, 1231-1239.	2.7	5
7	Metal-Free and <i>syn</i> -Selective Hydrohalogenation of Alkynes through a Pseudo-Intramolecular Process. <i>European Journal of Organic Chemistry</i> , 2021, 2021, 5747-5755.	2.4	4
8	Surface oxidation of poly(3-hydroxybutyrate-co-3-hydroxyhexanoate) via photo-activated chlorine dioxide radical. <i>Polymer Degradation and Stability</i> , 2021, 191, 109661.	5.8	3
9	Non-Electronic Aromatic Ring Activation by Simple Steric Repulsion between Substituents in 1-Methylquinolinium Salt Systems. <i>Bulletin of the Chemical Society of Japan</i> , 2020, 93, 50-57.	3.2	3
10	Three Step Synthesis of Fully and Differently Arylated Pyridines. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 466-474.	2.4	6
11	Surface modification of polycarbonate using the light-activated chlorine dioxide radical. <i>Applied Surface Science</i> , 2020, 530, 147202.	6.1	12
12	One-pot and metal-free synthesis of 3-arylated-4-nitrophenols via polyfunctionalized cyclohexanones from $\hat{1}^2$ -nitrostyrenes. <i>Beilstein Journal of Organic Chemistry</i> , 2020, 16, 1830-1836.	2.2	3
13	Vapochromic Properties of Diethenylpyrrole with Naphthyl Tethers Induced by Formation of a Distorted Structure in the Solid State. <i>Crystal Growth and Design</i> , 2020, 20, 1383-1387.	3.0	6
14	Photooxidation of the ABS resin surface for electroless metal plating. <i>Polymer</i> , 2020, 200, 122592.	3.8	15
15	Anion-Capture-Induced Fluorescence Enhancement of Bis(cyanostyryl)pyrrole Based on Restricted Access to a Conical Intersection. <i>Bulletin of the Chemical Society of Japan</i> , 2019, 92, 1807-1815.	3.2	8
16	Polymer Surface Oxidation by Light-Activated Chlorine Dioxide Radical for Metal-Plastics Adhesion. <i>ACS Applied Polymer Materials</i> , 2019, 1, 3452-3458.	4.4	27
17	Photochemical C-H oxygenation of side-chain methyl groups in polypropylene with chlorine dioxide. <i>Chemical Communications</i> , 2019, 55, 4723-4726.	4.1	20
18	Facile Synthesis of Onychines. <i>Synthesis</i> , 2019, 51, 2007-2013.	2.3	7

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19	Metal-Free Selective Direct Acylation of Amino Alcohols Through Pseudo-Intramolecular Process. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 1125-1133.	2.4	5
20	A Facile Synthesis of Oxiranes Possessing Three or Four Carbonyl Groups. <i>Current Organic Chemistry</i> , 2019, 23, 97-102.	1.6	2
21	A Direct Synthesis of Trisubstituted Allenes from Propargyl Alcohols via Oxaphosphetane Intermediates. <i>Bulletin of the Chemical Society of Japan</i> , 2018, 91, 337-342.	3.2	3
22	Phosphine Induced Dimerization of Propargyl Alcohols Leading to Allyl Propargyl Ethers. <i>Journal of Oleo Science</i> , 2018, 67, 773-778.	1.4	0
23	Alkynylation and Cyanation of Alkenes Using Diverse Properties of a Nitro Group. <i>Journal of Organic Chemistry</i> , 2018, 83, 13691-13699.	3.2	15
24	Unsymmetrical Tetra-Acceptor-Substituted Alkenes as Polyfunctionalized Building Blocks: A Divergent Synthesis of Densely Functionalized Pyrrolizines. <i>Bulletin of the Chemical Society of Japan</i> , 2018, 91, 1715-1723.	3.2	3
25	Activation of 1-Methyl-5-nitro-2-pyrimidinone by Dearomatization Using a Secondary Amine. <i>Heterocycles</i> , 2018, 97, 253.	0.7	0
26	Tailor-made synthesis of fully alkylated/arylated nicotines by FeCl ₃ -mediated condensation of enamino esters with enones. <i>Chemical Communications</i> , 2017, 53, 2390-2393.	4.1	38
27	Direct amino-halogenation and aziridination of the 2-quinolone framework by sequential treatment of 3-nitro-2-quinolone with amine and N-halosuccinimide. <i>Tetrahedron</i> , 2017, 73, 1255-1264.	1.9	8
28	Synthesis of Functionalized 3-Cyanoisoxazoles Using a Dianionic Reagent. <i>Journal of Organic Chemistry</i> , 2017, 82, 5409-5415.	3.2	19
29	Hydrohalogenation of Ethynylpyridines Involving Nucleophilic Attack of a Halide Ion. <i>ACS Omega</i> , 2017, 2, 1265-1272.	3.5	7
30	Direct and Efficient Functionalization of the 1-Methyl-2-Quinolone Framework. <i>Procedia Engineering</i> , 2017, 174, 1058-1066.	1.2	1
31	Substituent Diversity-directed Synthesis of Nitropyridines and Nitroanilines by Three-component Ring Transformation. <i>Procedia Engineering</i> , 2017, 174, 1046-1057.	1.2	4
32	Quantification and Theoretical Analysis of the Electrophilicities of Michael Acceptors. <i>Journal of the American Chemical Society</i> , 2017, 139, 13318-13329.	13.7	168
33	Direct Aziridination of Nitroalkenes Affording N-Alkyl-C-nitroaziridines and the Subsequent Lewis Acid Mediated Isomerization to Î ² -Nitroenamines. <i>Organic Letters</i> , 2017, 19, 5442-5445.	4.6	12
34	Synthesis of functionalized 4-nitroanilines by ring transformation of dinitropyridone with enamines. <i>Tetrahedron Letters</i> , 2017, 58, 4699-4702.	1.4	4
35	Recent Advances in the Carbon-Carbon Bond-Forming Reactions of N-Acylketimines. <i>Synthesis</i> , 2017, 49, 3366-3376.	2.3	5
36	Investigation of a green oligomer of an indolizine. <i>Arkivoc</i> , 2017, 2016, 259-273.	0.5	0

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37	One-pot Synthesis of <i>N</i> -Acyl- <i>N</i> , <i>O</i> -hemiacetals to Develop Novel Difunctionalized <i>N</i> -Acylimines. <i>Oleoscience</i> , 2017, 17, 5-13.	0.0	0
38	Dual Behavior of Iodine Species in Condensation of Anilines and Vinyl Ethers Affording 2-Methylquinolines. <i>Molecules</i> , 2016, 21, 827.	3.8	7
39	Construction of push-pull systems using β -formyl- β -nitroenamine. <i>Russian Chemical Bulletin</i> , 2016, 65, 2129-2142.	1.5	7
40	A direct and vicinal functionalization of the 1-methyl-2-quinolone framework: 4-alkoxylation and 3-chlorination. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 5128-5135.	2.8	6
41	Direct Synthesis of <i>N</i> -Acyl- <i>N</i> , <i>O</i> -hemiacetals via Nucleophilic Addition of Unactivated Amides and Their <i>O</i> -Acetylation: Access to β , β -Difunctionalized <i>N</i> -Acylimines. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 2817-2828.	4.3	10
42	Acid promoted dimerization of β -amino- β -unsaturated amides affording bis(functionalized) pyrrolinones. <i>Tetrahedron Letters</i> , 2016, 57, 5896-5898.	1.4	9
43	Synthesis of 6-substituted 2-phenacylpyridines from 2-(phenylethynyl)pyridine via isoxazolo[2,3- <i>a</i>]pyridinium salt. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 10674-10682.	2.8	5
44	Chemoselective Amination of β -Keto Amides. <i>Current Organic Chemistry</i> , 2016, 20, 2911-2916.	1.6	4
45	Synthesis of Nitroarenes Using Three-Component Ring Transformation. <i>Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry</i> , 2016, 74, 130-140.	0.1	1
46	Metal-free Synthesis of 2-Alkenyl/Alkynyl-5-nitropyridines Using a Three-component Ring Transformation. <i>Chemistry Letters</i> , 2015, 44, 776-778.	1.3	7
47	Functionalization of a Pyridine Framework through Intramolecular Reissert-Henze Reaction of <i>N</i> -(Carbamoyloxy)pyridinium Salts and Unexpected Insertion of Ethereal Solvents. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 3994-3999.	2.4	13
48	Development of variously functionalized nitrile oxides. <i>Beilstein Journal of Organic Chemistry</i> , 2015, 11, 1241-1245.	2.2	6
49	Tailor-Made Synthesis of <i>N</i> , <i>N</i> ,2,6-Tetrasubstituted 4-Nitroanilines by Three-Component Ring Transformation of Dinitropyridone. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 1203-1206.	2.4	6
50	An Alternative Synthetic Approach to 3-Alkylated/Arylated 5-Nitropyridines. <i>Journal of Organic Chemistry</i> , 2015, 80, 8856-8858.	3.2	15
51	Synthesis of diazabicyclo compounds possessing an β -nitrolactam framework. <i>Tetrahedron Letters</i> , 2015, 56, 2504-2507.	1.4	10
52	Construction of 3,5-dinitrated 1,4-dihydropyridines modifiable at 1,4-positions by a reaction of β -formyl- β -nitroenamines with aldehydes. <i>RSC Advances</i> , 2015, 5, 90778-90784.	3.6	9
53	Development of a new palladium catalyst supported on phenolic resin. <i>RSC Advances</i> , 2015, 5, 4463-4467.	3.6	4
54	Cyano- <i>o</i> -nitroacetate as a Safe Cyano (nitro) Methylation Reagent and its Synthetic Applications. <i>Oleoscience</i> , 2015, 15, 165-172.	0.0	2

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55	Revisiting Dimerization of Acetoacetamide Leading to 4,6-Dimethyl-2-pyridone-5-carboxamide. <i>Journal of Oleo Science</i> , 2014, 63, 939-942.	1.4	3
56	An Effect of Microwave Irradiation on Pd/SiC Catalyst for Prolonging the Catalytic Life. <i>Current Microwave Chemistry</i> , 2014, 1, 142-147.	0.8	5
57	Facilitation of the reduction of Pd(II) by the glass surface "Development of a glass-supported palladium catalyst. <i>Chemical Physics Letters</i> , 2014, 608, 340-343.	2.6	8
58	An Efficient Synthesis of Nitrated Cycloalka[b]pyridines. <i>Synthesis</i> , 2014, 46, 2175-2178.	2.3	6
59	Smart Decoration of Mesoporous TiO ₂ Nanospheres with Noble Metal Alloy Nanoparticles into Core-Shell, Yolk-Core-Shell, and Surface-Dispersion Morphologies. <i>European Journal of Inorganic Chemistry</i> , 2014, 2014, 4254-4257.	2.0	10
60	Synthesis of vicinally functionalized 1,4-dihydropyridines and diazabicycles via a pseudo-intramolecular process. <i>Tetrahedron</i> , 2014, 70, 402-408.	1.9	8
61	Metal-Free α -Hydroxylation of α -Unsubstituted β -Oxoesters and β -Oxoamides. <i>Journal of Organic Chemistry</i> , 2014, 79, 11735-11739.	3.2	33
62	An NMR study on a pseudo-intramolecular transacylation reaction of an α -aryl- β -keto ester. <i>RSC Advances</i> , 2014, 4, 4889.	3.6	4
63	Synthesis of 2-Aryl-5-Nitropyridines by Three-Component Ring Transformation of 3,5-Dinitro-2-Pyridone. <i>Asian Journal of Organic Chemistry</i> , 2014, 3, 297-302.	2.7	7
64	Safe cyano(nitro)methylating reagent "Michael addition of α -cyano- α -nitroacetate leading to β -functionalized α -nitronitriles. <i>Tetrahedron</i> , 2014, 70, 6522-6528.	1.9	14
65	Redox Chemistry of Nickel(II) Complexes Supported by a Series of Noninnocent β -Diketiminato Ligands. <i>Inorganic Chemistry</i> , 2014, 53, 6159-6169.	4.0	33
66	Kinetic resolution of primary amines via enantioselective N-acylation with acyl chlorides in the presence of supramolecular cyclodextrin nanocapsules. <i>Tetrahedron</i> , 2014, 70, 197-203.	1.9	8
67	Simple and Selective Synthesis of Nitrosoarenes. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , 2014, 72, 728-729.	0.1	0
68	Chiral Recognition and Kinetic Resolution of Aromatic Amines via Supramolecular Chiral Nanocapsules in Nonpolar Solvents. <i>Journal of the American Chemical Society</i> , 2013, 135, 3371-3374.	13.7	70
69	Cyclodextrin host as a supramolecular catalyst in nonpolar solvents: stereoselective synthesis of (E)-3-alkylideneoxindoles. <i>Tetrahedron</i> , 2013, 69, 9428-9433.	1.9	24
70	Unique catalytic effect of a cyclodextrin host on photodimerization of coumarin in nonpolar solvents. <i>Tetrahedron Letters</i> , 2013, 54, 688-691.	1.4	11
71	Reactive 2-quinolones dearomatized by steric repulsion between 1-methyl and 8-substituted groups. <i>Tetrahedron</i> , 2013, 69, 4624-4630.	1.9	16
72	1-[2,2-Bis(phenylsulfonyl)ethenyl]-4-methoxybenzene. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012, 68, o470-o470.	0.2	1

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73	2-(4-Methoxybenzylidene)-2H-1,3-benzodithiole 1,1,3,3-tetraoxide. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o567-o567.	0.2	2
74	Versatile Domino Rearrangement of Diphenylhomobenzoquinone Epoxides Induced by CF ₃ SO ₃ H. European Journal of Organic Chemistry, 2012, 2012, 3916-3919.	2.4	9
75	Electrophilicities of Bissulfonyl Ethylenes. Chemistry - an Asian Journal, 2012, 7, 1401-1407.	3.3	25
76	Regioselective electrophilic addition vs epoxidation of mCPBA towards anti-Bredt olefin of fulleroid. Tetrahedron Letters, 2012, 53, 3581-3584.	1.4	9
77	Thermal [2 + 2] Cycloaddition of Morpholinoenamines with C ₆₀ via a Single Electron Transfer. Organic Letters, 2011, 13, 4244-4247.	4.6	19
78	Kinetic Evidence for Dihapto (1 ²) π -Aryl Participation in Acid-Catalyzed Ring Opening of Diarylhomobenzoquinone Epoxides. Journal of Organic Chemistry, 2010, 75, 733-740.	3.2	8
79	Conformational Effects in Acid-Mediated Ring Opening of Epoxides: A Prominent Role of the Oxirane Walsh Orbital. Organic Letters, 2008, 10, 2413-2416.	4.6	6
80	Mechanistic evidence for remote π -aryl participation in acid-catalyzed ring opening of homobenzoquinone epoxides. Chemical Communications, 2008, , 1804.	4.1	5
81	Acid-Catalyzed Rearrangement of Aryl-Substituted Homobenzoquinone Epoxides. Organic Letters, 2007, 9, 3421-3424.	4.6	17
82	Two conformers of 10,11-dihydro-5H-dibenzo[a,d]cycloheptene spiro-linked with homobenzoquinone epoxide. Acta Crystallographica Section C: Crystal Structure Communications, 2006, 62, o136-o138.	0.4	2
83	Conformational analysis in the reversible intramolecular [2+2] photocycloaddition of diphenylbicyclo[4.2.0]oct-3-ene-2,5-diones. Tetrahedron Letters, 2006, 47, 7881-7884.	1.4	5
84	Acid-Catalyzed Transannular Cyclization of 3aH-Cyclopentene[8]annulene-1,4-(5H,9aH)-diones and Some Proposed Mechanisms. Journal of Organic Chemistry, 2005, 70, 8364-8371.	3.2	10
85	A new approach to 10-arylated 5 <i>H</i> -dibenzo[<i>b</i> , <i>f</i>]azepines using <i>syn</i> -selective hydrohalogenation of ethynylaniline. Organic and Biomolecular Chemistry, 0, , .	2.8	0