Haruyasu Asahara

List of Publications by Year
in descending order

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	Quantification and Theoretical Analysis of the Electrophilicities of Michael Acceptors. Journal of the American Chemical Society, 2017, 139, 13318-13329.	13.7	168
2	Chiral Recognition and Kinetic Resolution of Aromatic Amines via Supramolecular Chiral Nanocapsules in Nonpolar Solvents. Journal of the American Chemical Society, 2013, 135, 3371-3374.	13.7	70
3	Tailor-made synthesis of fully alkylated/arylated nicotinates by FeCl₃-mediated condensation of enamino esters with enones. Chemical Communications, 2017, 53, 2390-2393.	4.1	38
4	Metal-Free Î±-Hydroxylation of Î±-Unsubstituted Î²-Oxoesters and Î²-Oxoamides. Journal of Organic Chemistry, 2014, 79, 11735-11739.	3.2	33
5	Redox Chemistry of Nickel(II) Complexes Supported by a Series of Noninnocent Î²-Diketiminate Ligands. Inorganic Chemistry, 2014, 53, 6159-6169.	4.0	33
6	Polymer Surface Oxidation by Light-Activated Chlorine Dioxide Radical for Metalâ€"Plastics Adhesion. ACS Applied Polymer Materials, 2019, 1, 3452-3458.	4.4	27
7	Electrophilicities of Bissulfonyl Ethylenes. Chemistry - an Asian Journal, 2012, 7, 1401-1407.	3.3	25
8	Cyclodextrin host as a supramolecular catalyst in nonpolar solvents: stereoselective synthesis of (E)-3-alkylideneoxindoles. Tetrahedron, 2013, 69, 9428-9433.	1.9	24
9	Photochemical Câ€"H oxygenation of side-chain methyl groups in polypropylene with chlorine dioxide. Chemical Communications, 2019, 55, 4723-4726.	4.1	20
10	Thermal [2 + 2] Cycloaddition of Morpholinoenamines with C60via a Single Electron Transfer. Organic Letters, 2011, 13, 4244-4247.	4.6	19
11	Synthesis of Functionalized 3-Cyanoisoxazoles Using a Dianionic Reagent. Journal of Organic Chemistry, 2017, 82, 5409-5415.	3.2	19
12	Acid-Catalyzed Rearrangement of Aryl-Substituted Homobenzoquinone Epoxides. Organic Letters, 2007, 9, 3421-3424.	4.6	17
13	Reactive 2-quinolones dearomatized by steric repulsion between 1-methyl and 8-substituted groups. Tetrahedron, 2013, 69, 4624-4630.	1.9	16
14	An Alternative Synthetic Approach to 3-Alkylated/Arylated 5-Nitropyridines. Journal of Organic Chemistry, 2015, 80, 8856-8858.	3.2	15
15	Alkynylation and Cyanation of Alkenes Using Diverse Properties of a Nitro Group. Journal of Organic Chemistry, 2018, 83, 13691-13699.	3.2	15
16	Photooxidation of the ABS resin surface for electroless metal plating. Polymer, 2020, 200, 122592.	3.8	15
17	Safe cyano(nitro)methylating reagentâ€"Michael addition ofÂcyano-aci-nitroacetate leading to Î´-functionalized Î±-nitronitriles. Tetrahedron, 2014, 70, 6522-6528.	1.9	14
18	Functionalization of a Pyridine Framework through Intramolecular Reissertâ€"Henze Reaction of <i>N</i>â€(Carbamoyloxy)pyridinium Salts and Unexpected Insertion of Ethereal Solvents. European Journal of Organic Chemistry, 2015, 2015, 3994-3999.	2.4	13

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19	Direct Aziridination of Nitroalkenes Affording <i>N</i>-Alkyl-<i>C</i>-nitroaziridines and the Subsequent Lewis Acid Mediated Isomerization to Î²-Nitroenamines. Organic Letters, 2017, 19, 5442-5445.	4.6	12
20	Surface modification of polycarbonate using the light-activated chlorine dioxide radical. Applied Surface Science, 2020, 530, 147202.	6.1	12
21	Unique catalytic effect of a cyclodextrin host on photodimerization of coumarin in nonpolar solvents. Tetrahedron Letters, 2013, 54, 688-691.	1.4	11
22	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
23	Smart Decoration of Mesoporous TiO₂ Nanospheres with Noble Metal Alloy Nanoparticles into Coreâ€“Shell, Yolkâ€“Coreâ€“Shell, and Surfaceâ€Dispersion Morphologies. European Journal of Inorganic Chemistry, 2014, 2014, 4254-4257.	2.0	10
24	Synthesis of diazabicyclo compounds possessing an Î±-nitrolactam framework. Tetrahedron Letters, 2015, 56, 2504-2507.	1.4	10
25	Direct Synthesis of <i>N</i>â€Acylâ€<i>N</i>,<i>O</i>â€hemiacetals <i>via</i> Nucleophilic Addition of Unactivated Amides and Their <i>O</i>â€Acetylation: Access to Î±,Î±â€Difunctionalized <i>N</i>â€Acylimines. Advanced Synthesis and Catalysis, 2016, 358, 2817-2828.	4.3	10
26	Versatile Domino Rearrangement of Diphenylhomobenzoquinone Epoxides Induced by CF₃SO₃H. European Journal of Organic Chemistry, 2012, 2012, 3916-3919.	2.4	9
27	Regioselective electrophilic addition vs epoxidation of mCPBA towards anti-Bredt olefin of fulleroid. Tetrahedron Letters, 2012, 53, 3581-3584.	1.4	9
28	Construction of 3,5-dinitrated 1,4-dihydropyridines modifiable at 1,4-positions by a reaction of Î²-formyl-Î²-nitroenamines with aldehydes. RSC Advances, 2015, 5, 90778-90784.	3.6	9
29	Acid promoted dimerization of Î²-amino-Î±,Î²-unsaturated amides affording bis(functionalized) pyrrolinones. Tetrahedron Letters, 2016, 57, 5896-5898.	1.4	9
30	Kinetic Evidence for Dihapto (Î·²) Ï€-Aryl Participation in Acid-Catalyzed Ring Opening of Diarylhomobenzoquinone Epoxides. Journal of Organic Chemistry, 2010, 75, 733-740.	3.2	8
31	Facilitation of the reduction of Pd(II) by the glass surface â€“ Development of a glass-supported palladium catalyst. Chemical Physics Letters, 2014, 608, 340-343.	2.6	8
32	Synthesis of vicinally functionalized 1,4-dihydropyridines and diazabicycles via a pseudo-intramolecular process. Tetrahedron, 2014, 70, 402-408.	1.9	8
33	Kinetic resolution of primary amines via enantioselective N-acylation with acyl chlorides in the presence of supramolecular cyclodextrin nanocapsules. Tetrahedron, 2014, 70, 197-203.	1.9	8
34	Direct amino-halogenation and aziridination of the 2-quinolone framework by sequential treatment of 3-nitro-2-quinolone with amine and N-halosuccinimide. Tetrahedron, 2017, 73, 1255-1264.	1.9	8
35	Anion-Capture-Induced Fluorescence Enhancement of Bis(cyanostyryl)pyrrole Based on Restricted Access to a Conical Intersection. Bulletin of the Chemical Society of Japan, 2019, 92, 1807-1815.	3.2	8
36	Synthesis of 2â€Arylâ€5â€Nitropyridines by Threeâ€Component Ring Transformation of 3,5â€Dinitroâ€2â€Pyridone. Asian Journal of Organic Chemistry, 2014, 3, 297-302.	2.7	7

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37	Metal-free Synthesis of 2-Alkenyl/Alkynyl-5-nitropyridines Using a Three-component Ring Transformation. Chemistry Letters, 2015, 44, 776-778.	1.3	7
38	Dual Behavior of Iodine Species in Condensation of Anilines and Vinyl Ethers Affording 2-Methylquinolines. Molecules, 2016, 21, 827.	3.8	7
39	Construction of pushâ€"pull systems using Î²-formyl-Î²-nitroenamine. Russian Chemical Bulletin, 2016, 65, 2129-2142.	1.5	7
40	Hydrohalogenation of Ethynylpyridines Involving Nucleophilic Attack of a Halide Ion. ACS Omega, 2017, 2, 1265-1272.	3.5	7
41	Facile Synthesis of Onychines. Synthesis, 2019, 51, 2007-2013.	2.3	7
42	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
43	An Efficient Synthesis of Nitrated Cycloalka[b]pyridines. Synthesis, 2014, 46, 2175-2178.	2.3	6
44	Development of variously functionalized nitrile oxides. Beilstein Journal of Organic Chemistry, 2015, 11, 1241-1245.	2.2	6
45	Tailorâ€Made Synthesis of <i>N</i>,<i>N</i>,2,6â€Tetrasubstituted 4â€Nitroanilines by Threeâ€Component Ring Transformation of Dinitropyridone. European Journal of Organic Chemistry, 2015, 2015, 1203-1206.	2.4	6
46	A direct and vicinal functionalization of the 1-methyl-2-quinolone framework: 4-alkoxylation and 3-chlorination. Organic and Biomolecular Chemistry, 2016, 14, 5128-5135.	2.8	6
47	Three Step Synthesis of Fully and Differently Arylated Pyridines. European Journal of Organic Chemistry, 2020, 2020, 466-474.	2.4	6
48	Vapochromic Properties of Diethenylpyrrole with Naphthyl Tethers Induced by Formation of a Distorted Structure in the Solid State. Crystal Growth and Design, 2020, 20, 1383-1387.	3.0	6
49	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
50	Mechanistic evidence for remote Ï€-aryl participation in acid-catalyzed ring opening of homobenzoquinone epoxides. Chemical Communications, 2008, , 1804.	4.1	5
51	An Effect of Microwave Irradiation on Pd/SiC Catalyst for Prolonging the Catalytic Life. Current Microwave Chemistry, 2014, 1, 142-147.	0.8	5
52	Synthesis of 6-substituted 2-phenacylpyridines from 2-(phenylethynyl)pyridine via isoxazolo[2,3-a]pyridinium salt. Organic and Biomolecular Chemistry, 2016, 14, 10674-10682.	2.8	5
53	Recent Advances in the Carbonâ€"Carbon Bond-Forming Reactions of N-Acylketimines. Synthesis, 2017, 49, 3366-3376.	2.3	5
54	Metalâ€Free <i>O</i>â€Selective Direct Acylation of Amino Alcohols Through Pseudoâ€Intramolecular Process. European Journal of Organic Chemistry, 2019, 2019, 1125-1133.	2.4	5

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55	Synthesis of Nitroaromatic Compounds via Three-Component Ring Transformations. Molecules, 2021, 26, 639.	3.8	5
56	Surface modification of poly(phenylene sulfide) using photoinitiated chlorine dioxide radical as an oxidant. Polymer Journal, 2021, 53, 1231-1239.	2.7	5
57	An NMR study on a pseudo-intramolecular transacylation reaction of an Î±-aryl-Î²-keto ester. RSC Advances, 2014, 4, 4889.	3.6	4
58	Development of a new palladium catalyst supported on phenolic resin. RSC Advances, 2015, 5, 4463-4467.	3.6	4
59	Substituent Diversity-directed Synthesis of Nitropyridines and Nitroanilines by Three-component Ring Transformation. Procedia Engineering, 2017, 174, 1046-1057.	1.2	4
60	Synthesis of functionalized 4-nitroanilines by ring transformation of dinitropyridone with enaminones. Tetrahedron Letters, 2017, 58, 4699-4702.	1.4	4
61	Metalâ€Free and <i>syn</i>â€Selective Hydrohalogenation of Alkynes through a Pseudoâ€Intramolecular Process. European Journal of Organic Chemistry, 2021, 2021, 5747-5755.	2.4	4
62	Chemoselective Amination of Î²-Keto Amides. Current Organic Chemistry, 2016, 20, 2911-2916.	1.6	4
63	Revisiting Dimerization of Acetoacetamide Leading to 4,6-Dimethyl-2-pyridone-5-carboxamide. Journal of Oleo Science, 2014, 63, 939-942.	1.4	3
64	A Direct Synthesis of Trisubstituted Allenes from Propargyl Alcohols via Oxaphosphetane Intermediates. Bulletin of the Chemical Society of Japan, 2018, 91, 337-342.	3.2	3
65	Unsymmetrical Tetra-Acceptor-Substituted Alkenes as Polyfunctionalized Building Blocks: A Divergent Synthesis of Densely Functionalized Pyrrolizines. Bulletin of the Chemical Society of Japan, 2018, 91, 1715-1723.	3.2	3
66	Non-Electronic Aromatic Ring Activation by Simple Steric Repulsion between Substituents in 1-Methylquinolinium Salt Systems. Bulletin of the Chemical Society of Japan, 2020, 93, 50-57.	3.2	3
67	One-pot and metal-free synthesis of 3-arylated-4-nitrophenols via polyfunctionalized cyclohexanones from Î²-nitrostyrenes. Beilstein Journal of Organic Chemistry, 2020, 16, 1830-1836.	2.2	3
68	Surface oxidation of poly(3-hydroxybutyrate-co-3-hydroxyhexanoate) via photo-activated chlorine dioxide radical. Polymer Degradation and Stability, 2021, 191, 109661.	5.8	3
69	Visible-light-induced phosgenation of amines by chloroform oxygenation using chlorine dioxide. Chemical Communications, 2022, 58, 6176-6179.	4.1	3
70	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
71	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
72	Cyano-<i>aci</i>-nitroacetate as a Safe Cyano (nitro) Methylation Reagent and its Synthetic Applications. Oleoscience, 2015, 15, 165-172.	0.0	2

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73	A Facile Synthesis of Oxiranes Possessing Three or Four Carbonyl Groups. Current Organic Chemistry, 2019, 23, 97-102.	1.6	2
74	Development of a synthetic equivalent of Î±,Î±-dicationic acetic acid leading to unnatural amino acid derivatives <i>via</i> tetrafunctionalized methanes. Organic and Biomolecular Chemistry, 2022, 20, 2282-2292.	2.8	2
75	Selective utilization of phosphorus compounds by <i>Chaetoceros tenuissimus</i> (Bacillariophyceae): Approach using <scp>³¹P</scp> nuclear magnetic resonance analysis. Phycological Research, 2022, 70, 151-159.	1.6	2
76	1-[2,2-Bis(phenylsulfonyl)ethenyl]-4-methoxybenzene. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o470-o470.	0.2	1
77	Direct and Efficient Functionalization of the 1-Methyl-2-Quinolone Framework. Procedia Engineering, 2017, 174, 1058-1066.	1.2	1
78	Synthesis of Nitroarenes Using Three-Component Ring Transformation. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 2016, 74, 130-140.	0.1	1
79	A Mechanistic Study for Aziridination of Nitroalkenes Mediated by <i>N</i>-Chlorosuccinimide. Journal of Oleo Science, 2022, 71, 897-903.	1.4	1
80	Investigation of a green oligomer of an indolizine. Arkivoc, 2017, 2016, 259-273.	0.5	0
81	Phosphine Induced Dimerization of Propargyl Alcohols Leading to Allyl Propargyl Ethers. Journal of Oleo Science, 2018, 67, 773-778.	1.4	0
82	Activation of 1-Methyl-5-nitro-2-pyrimidinone by Dearomatization Using a Secondary Amine. Heterocycles, 2018, 97, 253.	0.7	0
83	Simple and Selective Synthesis of Nitrosoarenes. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 2014, 72, 728-729.	0.1	0
84	One-pot Synthesis of <i>N</i>-Acyl-<i>N</i>,<i>O</i>-hemiacetals to Develop Novel Difunctionalized <i>N</i>-Acylimines. Oleoscience, 2017, 17, 5-13.	0.0	0
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