

Toshiyuki Hamura

List of Publications by Year in descending order

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32
papers

944
citations

430874

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454955

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40
docs citations

40
times ranked

554
citing authors

#	ARTICLE	IF	CITATIONS
1	Strain-Induced Regioselectivities in Reactions of Benzyne Possessing a Fused Four-Membered Ring. <i>Organic Letters</i> , 2003, 5, 3551-3554.	4.6	85
2	Two-Directional Annelation: Dual Benzyne Cycloadditions Starting from Bis(sulfonyloxy)diiodobenzene. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 6842-6844.	13.8	82
3	Facile Access to Versatile Polyaromatic Building Blocks: Selectively Protected Benzocyclobutenedione Derivatives via Regioselective [2+2] Cycloaddition of -Alkoxybenzyne and Ketene Silyl Acetal. <i>Helvetica Chimica Acta</i> , 2002, 85, 3589-3604.	1.6	67
4	Dodecamethoxy- and Hexaoxotricyclobutabenzene: Synthesis and Characterization. <i>Journal of the American Chemical Society</i> , 2006, 128, 10032-10033.	13.7	66
5	Catalytic Generation of Arynes and Trapping by Nucleophilic Addition and Iodination. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 3368-3372.	13.8	66
6	Poly-Oxygenated Tricyclobutabenzenes via Repeated [2 + 2] Cycloaddition of Benzyne and Ketene Silyl Acetal. <i>Journal of the American Chemical Society</i> , 2006, 128, 3534-3535.	13.7	63
7	Tandem Ring Expansion of Alkenyl Benzocyclobutenol Derivatives into Substituted Naphthols. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 6294-6296.	13.8	40
8	Dibromoisobenzofuran as a Formal Equivalent of Didehydroisobenzofuran: Reactive Platform for Expedient Assembly of Polycycles. <i>Organic Letters</i> , 2014, 16, 286-289.	4.6	40
9	Ring Selectivity: Successive Ring Expansion of Two Benzocyclobutenes for Divergent Access to Angular and Linear Benzantraquinones. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 2248-2252.	13.8	37
10	Hexaradialenes by Successive Ring Openings of Tris(alkoxy)tricyclobutabenzenes: Synthesis and Characterization. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 3026-3029.	13.8	37
11	Synthesis of Hindered 1-Arylnaphthalene Derivatives via Ring Expansion of Benzocyclobutenones. <i>Organic Letters</i> , 2002, 4, 229-232.	4.6	35
12	A One-pot Preparation of 1,3-Diarylisobenzofuran. <i>Chemistry Letters</i> , 2013, 42, 1013-1015.	1.3	33
13	Stereochemical Anomaly in the Thermal Conversion of 7,8-Dioxy-7-alkenylbenzocyclobutenes to Dihydronaphthalenes. <i>Organic Letters</i> , 2002, 4, 1675-1678.	4.6	31
14	A new synthetic route to substituted tetracenes and pentacenes via stereoselective [4+2] cycloadditions of 1,4-dihydro-1,4-epoxynaphthalene and isobenzofuran. <i>Chemical Communications</i> , 2015, 51, 5963-5966.	4.1	31
15	Ring Selective Generation of Isobenzofuran for Divergent Access to Polycyclic Aromatic Compounds. <i>Organic Letters</i> , 2015, 17, 3094-3097.	4.6	22
16	An efficient synthetic route to 1,3-bis(arylethynyl)isobenzofuran using alkoxybenzocyclobutenone as a reactive platform. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 9773-9776.	2.8	21
17	A domino pericyclic route to polysubstituted salicylic acid derivatives: four sequential processes from enynones and ketene silyl acetals. <i>Chemical Communications</i> , 2011, 47, 6891.	4.1	18
18	Star-Shaped Polycyclic Aromatic Ketones via 3-Fold Cycloadditions of Isobenzofuran Trimer Equivalent. <i>Organic Letters</i> , 2017, 19, 4118-4121.	4.6	18

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19	Selective Halogen-Lithium Exchange of 1,2-Dihaloarenes for Successive [2+4] Cycloadditions of Arynes and Isobenzofurans. <i>Molecules</i> , 2015, 20, 19449-19462.	3.8	15
20	Synthesis and Evaluation of a 1,3a,6a-triazapentalene (TAP)-Bonded System. <i>Chemistry - A European Journal</i> , 2018, 24, 17727-17733.	3.3	11
21	1,3-Dialkynyl- and 1,3-Dialkenylisobenzofurans: New π -Extended Congeners Prepared by Double Nucleophilic Addition of Alkynyllithiums to <i>o</i> -Phthalaldehyde. <i>Chemistry Letters</i> , 2017, 46, 25-28.	1.3	10
22	Didehydroisobenzofuran: A New Reactive Intermediate for Construction of Isoacenofuran. <i>Chemistry - A European Journal</i> , 2018, 24, 18886-18889.	3.3	8
23	Tetrakis(phenylethynyl)tetracene: A New π -Extended Rubrene Derivative. <i>Chemistry - A European Journal</i> , 2018, 24, 14034-14038.	3.3	8
24	Intramolecular benzoallene-alkyne cycloaddition initiated by site-selective S_N2 reaction of epoxytetracene en route to π -extended pyracylene. <i>Chemical Communications</i> , 2019, 55, 11021-11024.	4.1	6
25	Thermodynamically Stable σ -Quinodimethane: Synthesis, Structure, and Reactivity. <i>Chemistry - A European Journal</i> , 2021, 27, 3665-3669.	3.3	5
26	Facile Access to Versatile Polyaromatic Building Blocks: Selectively Protected Benzocyclobutenedione Derivatives via Regioselective [2+2] Cycloaddition of \pm -Alkoxybenzyne and Ketene Silyl Acetal. , 2002, 85, 3589.		5
27	Water-soluble 1,3-Diarylisobenzoheteroles: Syntheses and Characterization. <i>Chemistry Letters</i> , 2017, 46, 703-706.	1.3	4
28	A new synthetic route to 5,6,11,12-tetraarylethynyltetracenes. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 9143-9146.	2.8	4
29	Isoacenofuran: a novel quinoidal building block for efficient access to high-ordered polyacene derivatives. <i>Chemical Communications</i> , 2020, 56, 14988-14991.	4.1	4
30	Ambipolar transistors based on chloro-substituted tetraphenylpentacene. <i>Journal of Materials Chemistry C</i> , 2019, 7, 3294-3299.	5.5	3
31	Synthesis of Highly Condensed Aromatic Compounds by Using Isobenzofurans. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , 2016, 74, 316-325.	0.1	2
32	Efficient Access to Highly Condensed Aromatic Compounds Using Reactive Molecules. , 2021, , 203-223.		0