

Nina C Kann

List of Publications by Year in descending order

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66
papers

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279798

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Synthesis, characterization and computational evaluation of bicyclooctadienes towards molecular solar thermal energy storage. <i>Chemical Science</i> , 2022, 13, 834-841.	7.4	14
2	Palladium-catalyzed stereoselective domino arylation/acylation: an entry to chiral tetrahydrofluorenone scaffolds. <i>Chemical Communications</i> , 2021, 57, 6518-6521.	4.1	2
3	Azulene Functionalization by Iron-Mediated Addition to a Cyclohexadiene Scaffold. <i>Journal of Organic Chemistry</i> , 2020, 85, 13453-13465.	3.2	8
4	Palladium Catalyzed Stereoselective Arylation of Biocatalytically Derived Cyclic 1,3-Dienes: Chirality Transfer via a Heck-Type Mechanism. <i>Organic Letters</i> , 2020, 22, 2464-2469.	4.6	4
5	Chiral 1,5-disubstituted 1,2,3-triazoles – versatile tools for foldamers and peptidomimetic applications. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 1957-1967.	2.8	11
6	Ruthenium-Catalyzed <i>E</i> -Selective Alkyne Semihydrogenation with Alcohols as Hydrogen Donors. <i>Journal of Organic Chemistry</i> , 2020, 85, 2966-2975.	3.2	20
7	Selective Iron-Mediated <i>C</i> - and <i>O</i> -Addition of Phenolic Nucleophiles to a Cyclohexadiene Scaffold Using Renewable Precursors. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 7155-7162.	6.7	4
8	Release of Terminal Alkynes via Tandem Photodeprotection and Decarboxylation of <i>o</i> -Nitrobenzyl Arylpropiolates in a Flow Microchannel Reactor. <i>Bioconjugate Chemistry</i> , 2018, 29, 1178-1185.	3.6	5
9	Conformational chiral polymorphism in cis-bis-triphenylphosphine complexes of transition metals. <i>CrystEngComm</i> , 2018, 20, 5137-5142.	2.6	2
10	Turn-off mode fluorescent norbornadiene-based photoswitches. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 23195-23201.	2.8	17
11	Glycerol Upgrading via Hydrogen Borrowing: Direct Ruthenium-Catalyzed Amination of the Glycerol Derivative Solketal. <i>ACS Sustainable Chemistry and Engineering</i> , 2016, 4, 5730-5736.	6.7	18
12	Ruthenium-Catalyzed Azide Alkyne Cycloaddition Reaction: Scope, Mechanism, and Applications. <i>Chemical Reviews</i> , 2016, 116, 14726-14768.	47.7	286
13	Copper-coordinating polymers for marine anti-fouling coatings: A physicochemical and electrochemical study of ternary system of copper, PMMA and poly(TBTA). <i>Progress in Organic Coatings</i> , 2016, 97, 216-221.	3.9	9
14	Tricarbonyliron(0) complexes of bio-derived 1,4-cyclohexadiene ligands: An approach to analogues of oseltamivir. <i>Journal of Organometallic Chemistry</i> , 2015, 799-800, 19-29.	1.8	3
15	Conformational properties of 1,4- and 1,5-substituted 1,2,3-triazole amino acids – building units for peptidic foldamers. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 2776-2785.	2.8	19
16	Cu(<i>scpd</i>) stabilizing crosslinked polyethyleneimine. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 18327-18336.	2.8	17
17	Targeting Membrane-Bound Viral RNA Synthesis Reveals Potent Inhibition of Diverse Coronaviruses Including the Middle East Respiratory Syndrome Virus. <i>PLoS Pathogens</i> , 2014, 10, e1004166.	4.7	136
18	Peptides from RuAAC-Derived 1,5-Disubstituted Triazole Units. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 2703-2713.	2.4	23

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19	One-pot synthesis of TBTA-functionalized coordinating polymers. <i>Reactive and Functional Polymers</i> , 2014, 82, 1-8.	4.1	11
20	Highly enantioselective hydrogenation and transfer hydrogenation of cycloalkyl and heterocyclic ketones catalysed by an iridium complex of a tridentate phosphine-diamine ligand. <i>Chemical Communications</i> , 2013, 49, 10245.	4.1	23
21	Bridging Ligand Length Controls AT Selectivity and Enantioselectivity of Binuclear Ruthenium Threading Intercalators. <i>Chemistry - A European Journal</i> , 2013, 19, 6246-6256.	3.3	10
22	Applications of the Nicholas Reaction in the Synthesis of Natural Products. <i>Current Organic Chemistry</i> , 2012, 16, 322-334.	1.6	38
23	Covalent functionalization of carbon nanotube forests grown in situ on a metal-silicon chip. <i>Proceedings of SPIE</i> , 2012, , .	0.8	0
24	Parallel and Modular Synthesis of P-Chirogenic P_2O -Ligands. <i>ACS Combinatorial Science</i> , 2012, 14, 304-308.	3.8	14
25	Exploring the role of phosphorus substituents on the enantioselectivity of Ru-catalysed ketone hydrogenation using tridentate phosphine-diamine ligands. <i>Catalysis Science and Technology</i> , 2011, 1, 1336.	4.1	20
26	Sequential One-Pot Ruthenium-Catalyzed Azide-Alkyne Cycloaddition from Primary Alkyl Halides and Sodium Azide. <i>Journal of Organic Chemistry</i> , 2011, 76, 2355-2359.	3.2	99
27	Recent Applications of Polymer Supported Organometallic Catalysts in Organic Synthesis. <i>Molecules</i> , 2010, 15, 6306-6331.	3.8	67
28	Two novel fusion inhibitors of human respiratory syncytial virus. <i>Antiviral Research</i> , 2010, 88, 317-324.	4.1	31
29	Transition-Metal-Catalyzed Propargylic Substitution. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 642-644.	13.8	213
30	Synthetic applications of cationic iron and cobalt carbonyl complexes. <i>Dalton Transactions</i> , 2009, , 5051.	3.3	15
31	Carbohydrate functionalization using cationic iron carbonyl complexes. <i>Carbohydrate Research</i> , 2008, 343, 1808-1813.	2.3	4
32	Intermolecular Pauson-Khand reactions on a galactose scaffold. <i>Tetrahedron Letters</i> , 2008, 49, 2820-2823.	1.4	11
33	Rapid microwave-assisted preparation of amino-functionalized polymers. <i>Tetrahedron Letters</i> , 2008, 49, 6108-6110.	1.4	4
34	Modular Asymmetric Synthesis of P-Chirogenic β -Amino Phosphine Boranes. <i>Journal of Organic Chemistry</i> , 2008, 73, 4458-4463.	3.2	45
35	The Development of an Asymmetric Nicholas Reaction Using Chiral Phosphoramidite Ligands. <i>Synlett</i> , 2008, 2008, 394-398.	1.8	2
36	An iron carbonyl approach to the influenza neuraminidase inhibitor oseltamivir. <i>Chemical Communications</i> , 2007, , 3183.	4.1	70

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37	Modular Synthesis of ChiraClick Ligands: A Library of P-Chirogenic Phosphines. ACS Combinatorial Science, 2007, 9, 477-486.	3.3	63
38	Solid Phase Organometallic Chemistry. , 2007, , 89-134.		22
39	Cobalt-mediated solid phase synthesis of 3-O-alkynylbenzyl galactosides and their evaluation as galectin inhibitors. Tetrahedron, 2006, 62, 8309-8317.	1.9	17
40	Solid supported active esters as linkers: modification of reactivity using iron carbonyl complexes. Tetrahedron Letters, 2006, 47, 635-638.	1.4	7
41	P-Chirogenic \pm -Carboxyphosphine Boranes as Effective Pre-Ligands in Palladium-Catalyzed Asymmetric Reactions. Synlett, 2006, 2006, 3389-3394.	1.8	3
42	New Chiral Amine Ligands in the Desymmetrization of Prochiral Phosphine Boranes.. ChemInform, 2005, 36, no.	0.0	0
43	Solid Phase Synthesis Using Organometallic Reagents. Current Organic Chemistry, 2005, 9, 733-763.	1.6	20
44	The Solid-Phase Nicholas Reaction: A Scope and Limitations. ACS Combinatorial Science, 2005, 7, 449-457.	3.3	12
45	Carbon-Carbon and Carbon-Heteroatom Bond Formation on Solid Phase Using Cationic Iron Carbonyl Complexes. Organic Letters, 2005, 7, 3565-3567.	4.6	8
46	Solid-Phase Synthesis of a 6-Phenylquinolin-2(1H)-one Library Directed toward Nuclear Hormone Receptors. ACS Combinatorial Science, 2005, 7, 567-573.	3.3	4
47	A Biocatalytic Route to P-Chirogenic Compounds by Lipase-Catalyzed Desymmetrization of a Prochiral Phosphine-Borane. Organic Letters, 2005, 7, 4991-4994.	4.6	44
48	(2R,4S,5R)-3,4-Dimethyl-5-phenyl-2-[4-(trifluoromethyl)phenyl]-1,3,2-oxazaphospholidine(P-B)borane. Acta Crystallographica Section E: Structure Reports Online, 2004, 60, o287-o288.	0.2	1
49	Desymmetrization of Prochiral Phosphanes Using Derivatives of ($\hat{\alpha}$)-Cytisine. European Journal of Organic Chemistry, 2004, 2004, 1894-1896.	2.4	45
50	New chiral amine ligands in the desymmetrization of prochiral phosphine boranes. Tetrahedron: Asymmetry, 2004, 15, 3531-3538.	1.8	59
51	Iron Carbonyl-Mediated Parallel Solution-Phase Synthesis of Cyclohexadienoic Acid Amides. ACS Combinatorial Science, 2004, 6, 783-788.	3.3	26
52	Recent Advances in the Synthesis of P(III)-Chirogenic Compounds. Mini-Reviews in Organic Chemistry, 2004, 1, 233-247.	1.3	56
53	Solid-Phase Synthesis of Substituted Alkynes Using the Nicholas Reaction. Journal of Organic Chemistry, 2002, 67, 9460-9463.	3.2	23
54	Solid phase synthesis of diamides as potential bone resorption inhibitors. Bioorganic and Medicinal Chemistry Letters, 2000, 10, 503-507.	2.2	8

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55	Synthesis and Characterization of New Binuclear Co(0) Complexes with Diphosphinoamine Ligands. A Potential Approach for Asymmetric Pauson-Khand Reactions. <i>Journal of Organic Chemistry</i> , 1999, 64, 3492-3497.	3.2	50
56	Reagent Control of Geometric Selectivity and Enantiotopic Group Preference in Asymmetric Horner-Wadsworth-Emmons Reactions with meso-Dialdehydes. <i>Journal of Organic Chemistry</i> , 1998, 63, 8284-8294.	3.2	27
57	Synthesis of a major subunit of the lejimalides. <i>Tetrahedron Letters</i> , 1995, 36, 3115-3118.	1.4	23
58	A Simple, General Preparation of S-Alkyl and S-Aryl Sulfenol Ethers. <i>Journal of Organic Chemistry</i> , 1995, 60, 7690-7692.	3.2	23
59	Asymmetric Pauson-Khand Cyclization: A Formal Total Synthesis of Natural Brefeldin A. <i>Journal of Organic Chemistry</i> , 1995, 60, 6670-6671.	3.2	74
60	Kinetic Resolution of the Acrolein Dimer by Asymmetric Horner-Wadsworth-Emmons Reactions. <i>Angewandte Chemie International Edition in English</i> , 1994, 33, 556-558.	4.4	24
61	Synthesis (in ent-form) of a novel jalcaguaianolide from <i>Ferula arrigonii</i> Bocchieri. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1994, , 1651.	0.9	15
62	Synthesis of macrocyclic lactam/lactone derivatives having antimicrobial activity. <i>Pure and Applied Chemistry</i> , 1994, 66, 2063-2066.	1.9	16
63	Asymmetric Horner-Wadsworth-Emmons reactions using meso dialdehydes as substrates. <i>Journal of Organic Chemistry</i> , 1993, 58, 3802-3804.	3.2	46
64	New functionalized Horner-Wadsworth-Emmons reagents: useful building blocks in the synthesis of polyunsaturated aldehydes. A short synthesis of (+-)-(E,E)-coriolic acid. <i>Journal of Organic Chemistry</i> , 1990, 55, 5312-5323.	3.2	55
65	Heterobimetallic gold-iridium, silver-iridium, and gold-ruthenium bis(μ -hydrido) complexes. X-ray crystal and molecular structures of [AuRu(H) ₂ (dppm) ₂ (PPh ₃)]PF ₆ and [Ir(H) ₂ (bpy)(PPh ₃) ₂]PF ₆ . <i>Inorganic Chemistry</i> , 1987, 26, 3506-3513.	4.0	26
66	Nucleophilic, Electrophilic and Radical Reactions. , 0, , 121-139.		0