

Adam S Veige

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.

59
papers

1,507
citations

23
h-index

37
g-index

68
ext. papers

1,778
ext. citations

9.3
avg, IF

4.98
L-index

#	Paper	IF	Citations
59	Ring-Expansion Polymerization of Cycloalkenes and Linear Alkynes by Transition Metal Catalysts 2022 , 261-275		
58	A high-throughput approach to repurposing olefin polymerization catalysts for polymer upcycling.. <i>Angewandte Chemie - International Edition</i> , 2022 ,	16.4	2
57	Double Tethered Metallacyclobutane Catalyst for Cyclic Polymer Synthesis. <i>Journal of the American Chemical Society</i> , 2021 , 143, 17276-17283	16.4	1
56	Semi-conducting cyclic copolymers of acetylene and propyne. <i>Reactive and Functional Polymers</i> , 2021 , 169, 105088	4.6	1
55	Precise NMR Method for Titering Organometal Reagents. <i>Organic Letters</i> , 2021 , 23, 4945-4948	6.2	0
54	Cyclic polyacetylene. <i>Nature Chemistry</i> , 2021 , 13, 792-799	17.6	10
53	Tethered Tungsten-Alkylidenes for the Synthesis of Cyclic Polynorbornene via Ring Expansion Metathesis: Unprecedented Stereoselectivity and Trapping of Key Catalytic Intermediates. <i>Journal of the American Chemical Society</i> , 2021 , 143, 1235-1246	16.4	9
52	SPAAC iClick: progress towards a bioorthogonal reaction in-corporating metal ions. <i>Dalton Transactions</i> , 2021 , 50, 12681-12691	4.3	3
51	Probing β -alkyl elimination and selectivity in polyolefin hydrogenolysis through DFT. <i>Catalysis Science and Technology</i> , 2021 , 11, 6155-6162	5.5	1
50	Soluble Polymer Precursors via Ring-Expansion Metathesis Polymerization for the Synthesis of Cyclic Polyacetylene. <i>Macromolecules</i> , 2021 , 54, 7840-7848	5.5	5
49	Ultra-High-Molecular-Weight Macrocyclic Bottlebrushes via Post-Polymerization Modification of a Cyclic Polymer. <i>Macromolecules</i> , 2020 , 53, 9717-9724	5.5	18
48	An Application Exploiting Auophilic Bonding and iClick to Produce White Light Emitting Materials. <i>Inorganic Chemistry</i> , 2020 , 59, 1893-1904	5.1	14
47	Synthesis and Characterization of Tungsten Alkylidene and Alkylidyne Complexes Featuring a New Carbazole-Based Rigid Trianionic ONO ₃ Pincer-Type Ligand. <i>Organometallics</i> , 2020 , 39, 2207-2213	3.8	2
46	Excited-State Turn-On of Auophilicity and Tunability of Relativistic Effects in a Series of Digold Triazolates Synthesized via iClick. <i>Journal of the American Chemical Society</i> , 2020 , 142, 8331-8341	16.4	16
45	Cyclic Poly(4-methyl-1-pentene): Efficient Catalytic Synthesis of a Transparent Cyclic Polymer. <i>Macromolecules</i> , 2020 , 53, 7774-7782	5.5	16
44	pH-Responsive Water-Soluble Cyclic Polymer. <i>Macromolecules</i> , 2019 , 52, 6260-6265	5.5	27
43	Ammonia Synthesis through Hydrolysis of a Trianionic Pincer Ligand-Supported Molybdenum-Nitride Complex. <i>Chemistry - A European Journal</i> , 2019 , 25, 14059-14063	4.8	4

42	A catalytically relevant intermediate in the synthesis of cyclic polymers from alkynes. <i>Chemical Communications</i> , 2019 , 55, 13697-13700	5.8	12
41	Polypropylene: Now Available without Chain Ends. <i>CheM</i> , 2019 , 5, 237-244	16.2	31
40	Synthesis and Characterization of a Molybdenum Alkylidyne Supported by a Trianionic OCO ₃ [−] Pincer Ligand. <i>Organometallics</i> , 2018 , 37, 4500-4505	3.8	13
39	Cu-Catalyzed Azide-Pt-Acetylide Cycloaddition: Progress toward a Conjugated Metallopolymer via iClick. <i>Organometallics</i> , 2018 , 37, 4545-4550	3.8	11
38	Single versus Double Cu(I) Catalyzed [3 + 2] Azide/Platinum Diacetylide Cycloaddition Reactions. <i>Organometallics</i> , 2017 , 36, 1352-1357	3.8	11
37	A new synthetic route to in-chain metallopolymers via copper(i) catalyzed azide-platinum-acetylide iClick. <i>Chemical Communications</i> , 2017 , 53, 9934-9937	5.8	17
36	Crystal structures of a novel NNN pincer ligand and its dinuclear titanium(IV) alkoxide pincer complex. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2017 , 73, 122-126	0.7	1
35	Aptamer-mediated selective delivery of a cytotoxic cationic NHC-Au(i) complex to cancer cells. <i>Dalton Transactions</i> , 2017 , 47, 120-126	4.3	17
34	Trianionic Pincer Complexes of Niobium and Tantalum as Precatalysts for ROMP of Norbornene. <i>Organometallics</i> , 2016 , 35, 2675-2682	3.8	13
33	Carbon dioxide cleavage across a tungsten-alkylidyne bearing a trianionic pincer-type ligand. <i>Dalton Transactions</i> , 2016 , 45, 15783-15785	4.3	11
32	Expanding iClick to group 9 metals. <i>Polyhedron</i> , 2016 , 108, 87-92	2.7	11
31	β-Alkyl Elimination: Fundamental Principles and Some Applications. <i>Chemical Reviews</i> , 2016 , 116, 8105-4568.1	5.8	58
30	N-Heterocyclic Carbene-Gold(I) Complexes Conjugated to a Leukemia-Specific DNA Aptamer for Targeted Drug Delivery. <i>Angewandte Chemie</i> , 2016 , 128, 9035-9039	3.6	12
29	N-Heterocyclic Carbene-Gold(I) Complexes Conjugated to a Leukemia-Specific DNA Aptamer for Targeted Drug Delivery. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 8889-93	16.4	70
28	Highly Tactic Cyclic Polynorbornene: Stereoselective Ring Expansion Metathesis Polymerization of Norbornene Catalyzed by a New Tethered Tungsten-Alkylidene Catalyst. <i>Journal of the American Chemical Society</i> , 2016 , 138, 4996-9	16.4	56
27	Solid State Collapse of a High-Spin Square-Planar Fe(II) Complex, Solution Phase Dynamics, and Electronic Structure Characterization of an Fe(II) ₂ Dimer. <i>Inorganic Chemistry</i> , 2016 , 55, 5191-200	5.1	10
26	Cyclic polymers from alkynes. <i>Nature Chemistry</i> , 2016 , 8, 791-6	17.6	105
25	Introducing "Ynene" Metathesis: Ring-Expansion Metathesis Polymerization Leads to Highly Cis and Syndiotactic Cyclic Polymers of Norbornene. <i>Journal of the American Chemical Society</i> , 2016 , 138, 6408-11	16.4	52

24	New Alkylidyne Complexes Featuring a Flexible Trianionic ONO ³⁻ Pincer-Type Ligand: Inorganic Enamine Effect versus Sterics in Electrophilic Additions. <i>Organometallics</i> , 2015 , 34, 2841-2848	3.8	12
23	Au-iClick mirrors the mechanism of copper catalyzed azide-alkyne cycloaddition (CuAAC). <i>Dalton Transactions</i> , 2015 , 44, 14747-52	4.3	33
22	Evidence for a zwitterionic transition state in double bond rotations within tungsten-vinyl complexes. <i>Chemical Communications</i> , 2015 , 51, 13404-7	5.8	8
21	Fast "Wittig-like" reactions as a consequence of the inorganic enamine effect. <i>Journal of the American Chemical Society</i> , 2015 , 137, 4840-5	16.4	23
20	Synthesis and characterization of a family of M(2+) complexes supported by a trianionic ONO(3-) pincer-type ligand: towards the stabilization of high-spin square-planar complexes. <i>Dalton Transactions</i> , 2015 , 44, 20207-15	4.3	9
19	A new ONO(3-) trianionic pincer ligand with intermediate flexibility and its tungsten alkylidene and alkylidyne complexes. <i>Dalton Transactions</i> , 2015 , 44, 18475-86	4.3	13
18	N-heterocyclic carbene gold(I) and silver(I) complexes bearing functional groups for bio-conjugation. <i>Dalton Transactions</i> , 2015 , 44, 1914-23	4.3	36
17	A high-spin square-planar Fe(II) complex stabilized by a trianionic pincer-type ligand and conclusive evidence for retention of geometry and spin state in solution. <i>Chemical Science</i> , 2015 , 6, 608-612	9.4	36
16	Remote Multiproton Storage within a Pyrrolide-Pincer-Type Ligand. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 15138-42	16.4	23
15	Organogold oligomers: exploiting iClick and aurophilic cluster formation to prepare solution stable Au ⁿ -repeating units. <i>Dalton Transactions</i> , 2015 , 44, 11437-43	4.3	23
14	Trianionic pincer and pincer-type metal complexes and catalysts. <i>Chemical Society Reviews</i> , 2014 , 43, 6325-69	58.5	141
13	Synthesis and Characterization of Tungsten Alkylidene and Alkylidyne Complexes Supported by a New Pyrrolide-Centered Trianionic ONO ³⁻ Pincer-Type Ligand. <i>Organometallics</i> , 2014 , 33, 836-839	3.8	20
12	Compelling mechanistic data and identification of the active species in tungsten-catalyzed alkyne polymerizations: conversion of a trianionic pincer into a new tetraanionic pincer-type ligand. <i>Chemical Science</i> , 2013 , 4, 1145	9.4	42
11	Inorganic click (iClick) synthesis of heterotrinnuclear Pt(II)/Au(I) ₂ complexes. <i>Dalton Transactions</i> , 2013 , 42, 14963-6	4.3	36
10	Unusually stable tungstenacyclobutadienes featuring an ONO trianionic pincer-type ligand. <i>Dalton Transactions</i> , 2013 , 42, 3326-36	4.3	46
9	A neutral trianionic pincer [NCN]Cr(VI)Me complex as a highly active ethylene polymerization precatalyst. <i>Journal of Organometallic Chemistry</i> , 2012 , 711, 10-14	2.3	16
8	An OCO ³⁻ trianionic pincer tungsten(VI) alkylidyne: rational design of a highly active alkyne polymerization catalyst. <i>Journal of the American Chemical Society</i> , 2012 , 134, 4509-12	16.4	57
7	A new ONO ³⁻ trianionic pincer-type ligand for generating highly nucleophilic metal-carbon multiple bonds. <i>Journal of the American Chemical Society</i> , 2012 , 134, 11185-95	16.4	60

6	1,3-Dipolar cycloaddition between a metal-azide (Ph ₃ PAuN ₃) and a metal-acetylide (Ph ₃ PAuC≡CPh): an inorganic version of a click reaction. <i>Dalton Transactions</i> , 2011 , 40, 8140-4	4.3	62
5	Trianionic NCN ³⁻ Pincer Complexes of Chromium in Four Oxidation States (CrII, CrIII, CrIV, CrV): Determination of the Active Catalyst in Selective 1-Alkene to 2-Alkene Isomerization. <i>Organometallics</i> , 2011 , 30, 4949-4957	3.8	33
4	Synthesis and characterization of a trianionic pincer supported Mo-alkylidene anion and alkyne insertion into a Mo(IV)-Cpincer bond to form metallocyclopropene(η ² -vinyl) complexes. <i>Journal of Organometallic Chemistry</i> , 2011 , 696, 4079-4089	2.3	15
3	Synthesis and Characterization of Tungsten(VI) Alkylidene Complexes Supported by an [OCO] ₃ ³⁻ Trianionic Pincer Ligand: Progress towards the [tBuOCO]W≡CC(CH ₃) ₃ Fragment. <i>Organometallics</i> , 2010 , 29, 4227-4233	3.8	30
2	Catalytic aerobic oxidation by a trianionic pincer Cr(III)/Cr(V) couple. <i>Inorganic Chemistry</i> , 2009 , 48, 10901-3	5.3	44
1	Synthesis, characterization, and reactivity of a d ² , Mo(IV) complex supported by a new OCO-trianionic pincer ligand. <i>Journal of the American Chemical Society</i> , 2008 , 130, 1116-7	16.4	47