

# Adam S Veige

## List of Publications by Year in descending order

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62  
papers

2,072  
citations

201658

27  
h-index

243610

44  
g-index

68  
all docs

68  
docs citations

68  
times ranked

1862  
citing authors

#	ARTICLE	IF	CITATIONS
1	Trianionic pincer and pincer-type metal complexes and catalysts. <i>Chemical Society Reviews</i> , 2014, 43, 6325-6369.	38.1	160
2	Cyclic polymers from alkynes. <i>Nature Chemistry</i> , 2016, 8, 791-796.	13.6	152
3	$\beta$ -Alkyl Elimination: Fundamental Principles and Some Applications. <i>Chemical Reviews</i> , 2016, 116, 8105-8145.	47.7	102
4	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, 8889-8893.	13.8	82
5	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, 4996-4999.	13.7	82
6	Introducing $\alpha$ -Ynone-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, 6408-6411.	13.7	77
7	1,3-Dipolar cycloaddition between a metal-azide ( $\text{Ph}_3\text{PAuN}_3$ ) and a metal-acetylide ( $\text{Ph}_3\text{PAuC}\equiv\text{CPh}$ ): an inorganic version of a click reaction. <i>Dalton Transactions</i> , 2011, 40, 8140.	3.3	73
8	An OCO <sup>3-</sup> Trianionic Pincer Tungsten(VI) Alkylidyne: Rational Design of a Highly Active Alkyne Polymerization Catalyst. <i>Journal of the American Chemical Society</i> , 2012, 134, 4509-4512.	13.7	73
9	A New ONO <sup>3-</sup> Trianionic Pincer-Type Ligand for Generating Highly Nucleophilic Metal-Carbon Multiple Bonds. <i>Journal of the American Chemical Society</i> , 2012, 134, 11185-11195.	13.7	66
10	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.	7.4	56
11	Synthesis, Characterization, and Reactivity of a d <sup>2</sup> , Mo(IV) Complex Supported by a New OCO <sup>3-</sup> Trianionic Pincer Ligand. <i>Journal of the American Chemical Society</i> , 2008, 130, 1116-1117.	13.7	53
12	Polypropylene: Now Available without Chain Ends. <i>Chem</i> , 2019, 5, 237-244.	11.7	53
13	Unusually stable tungstenacyclobutadienes featuring an ONO trianionic pincer-type ligand. <i>Dalton Transactions</i> , 2013, 42, 3326.	3.3	51
14	Cyclic polyacetylene. <i>Nature Chemistry</i> , 2021, 13, 792-799.	13.6	51
15	Catalytic Aerobic Oxidation by a Trianionic Pincer Cr(III)/Cr(V) Couple. <i>Inorganic Chemistry</i> , 2009, 48, 10901-10903.	4.0	45
16	pH-Responsive Water-Soluble Cyclic Polymer. <i>Macromolecules</i> , 2019, 52, 6260-6265.	4.8	45
17	N-heterocyclic carbene gold and silver complexes bearing functional groups for bio-conjugation. <i>Dalton Transactions</i> , 2015, 44, 1914-1923.	3.3	44
18	A high-spin square-planar Fe 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.	7.4	44

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19	Au-iClick mirrors the mechanism of copper catalyzed azide-alkyne cycloaddition (CuAAC). Dalton Transactions, 2015, 44, 14747-14752.	3.3	41
20	Cyclic Poly(4-methyl-1-pentene): Efficient Catalytic Synthesis of a Transparent Cyclic Polymer. Macromolecules, 2020, 53, 7774-7782.	4.8	40
21	Inorganic click (iClick) synthesis of heterotrinnuclear PtII/AuI <sub>2</sub> complexes. Dalton Transactions, 2013, 42, 14963.	3.3	39
22	Trianionic NCN <sup>3-</sup> Pincer Complexes of Chromium in Four Oxidation States (Cr <sup>II</sup> , Cr <sup>III</sup> , Cr <sup>IV</sup> , Cr <sup>V</sup> ): Determination of the Active Catalyst in Selective 1-Alkene to 2-Alkene Isomerization. Organometallics, 2011, 30, 4949-4957.	2.3	36
23	Ultra-High-Molecular-Weight Macrocyclic Bottlebrushes via Post-Polymerization Modification of a Cyclic Polymer. Macromolecules, 2020, 53, 9717-9724.	4.8	36
24	Synthesis and Characterization of Tungsten(VI) Alkylidene Complexes Supported by an [OCO] <sup>3-</sup> Trianionic Pincer Ligand: Progress towards the [CO]W <sub>2</sub> CC(CH <sub>3</sub> ) <sub>3</sub> Fragment. Organometallics, 2010, 29, 4227-4233.	2.3	31
25	Remote Multiproton Storage within a Pyrrolide-Pincer-Type Ligand. Angewandte Chemie - International Edition, 2015, 54, 15138-15142.	13.8	28
26	Organogold oligomers: exploiting iClick and aurophilic cluster formation to prepare solution stable Au <sub>4</sub> repeating units. Dalton Transactions, 2015, 44, 11437-11443.	3.3	28
27	Fast Wittig-Like Reactions As a Consequence of the Inorganic Enamine Effect. Journal of the American Chemical Society, 2015, 137, 4840-4845.	13.7	28
28	Tethered Tungsten-Alkylidenes for the Synthesis of Cyclic Polynorbornene via Ring Expansion Metathesis: Unprecedented Stereoselectivity and Trapping of Key Catalytic Intermediates. Journal of the American Chemical Society, 2021, 143, 1235-1246.	13.7	27
29	Excited-State Turn-On of Aurophilicity and Tunability of Relativistic Effects in a Series of Digold Triazolates Synthesized via iClick. Journal of the American Chemical Society, 2020, 142, 8331-8341.	13.7	26
30	A catalytically relevant intermediate in the synthesis of cyclic polymers from alkynes. Chemical Communications, 2019, 55, 13697-13700.	4.1	25
31	Synthesis and Characterization of a Molybdenum Alkylidyne Supported by a Trianionic OCO <sup>3-</sup> Pincer Ligand. Organometallics, 2018, 37, 4500-4505.	2.3	23
32	Synthesis and Characterization of Tungsten Alkylidene and Alkylidyne Complexes Supported by a New Pyrrolide-Centered Trianionic ONO <sup>3-</sup> Pincer-Type Ligand. Organometallics, 2014, 33, 836-839.	2.3	22
33	An Application Exploiting Aurophilic Bonding and iClick to Produce White Light Emitting Materials. Inorganic Chemistry, 2020, 59, 1893-1904.	4.0	22
34	Trianionic Pincer Complexes of Niobium and Tantalum as Precatalysts for ROMP of Norbornene. Organometallics, 2016, 35, 2675-2682.	2.3	20
35	A new synthetic route to in-chain metallopolymers via copper(i) catalyzed azide-platinum acetylide iClick. Chemical Communications, 2017, 53, 9934-9937.	4.1	20
36	A neutral trianionic pincer [NCN]CrIV=Me complex as a highly active ethylene polymerization precatalyst. Journal of Organometallic Chemistry, 2012, 711, 10-14.	1.8	19

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37	Soluble Polymer Precursors via Ring-Expansion Metathesis Polymerization for the Synthesis of Cyclic Polyacetylene. <i>Macromolecules</i> , 2021, 54, 7840-7848.	4.8	19
38	Aptamer-mediated selective delivery of a cytotoxic cationic NHC-Au( $\kappa^2$ ) complex to cancer cells. <i>Dalton Transactions</i> , 2018, 47, 120-126.	3.3	18
39	A new $\text{ONO}^{3-}$ trianionic pincer ligand with intermediate flexibility and its tungsten alkylidene and alkylidyne complexes. <i>Dalton Transactions</i> , 2015, 44, 18475-18486.	3.3	17
40	Synthesis and characterization of a trianionic pincer supported Mo-alkylidene anion and alkyne insertion into a Mo(IV)-C bond to form metallocyclopropene( $\eta^2$ -vinyl) complexes. <i>Journal of Organometallic Chemistry</i> , 2011, 696, 4079-4089.	1.8	16
41	New Alkylidyne Complexes Featuring a Flexible Trianionic $\text{ONO}^{3-}$ Pincer-Type Ligand: Inorganic Enamine Effect versus Sterics in Electrophilic Additions. <i>Organometallics</i> , 2015, 34, 2841-2848.	2.3	16
42	Carbon dioxide cleavage across a tungsten-alkylidyne bearing a trianionic pincer-type ligand. <i>Dalton Transactions</i> , 2016, 45, 15783-15785.	3.3	14
43	Expanding iClick to group 9 metals. <i>Polyhedron</i> , 2016, 108, 87-92.	2.2	14
44	$\text{N}^{\delta-}$ -Heterocyclic Carbene- $\text{Au}^{\delta+}$ Complexes Conjugated to a Leukemia-Specific DNA Aptamer for Targeted Drug Delivery. <i>Angewandte Chemie</i> , 2016, 128, 9035-9039.	2.0	13
45	Single versus Double Cu(I) Catalyzed [3 + 2] Azide/Platinum Diacetylide Cycloaddition Reactions. <i>Organometallics</i> , 2017, 36, 1352-1357.	2.3	13
46	Solid State Collapse of a High-Spin Square-Planar Fe(II) Complex, Solution Phase Dynamics, and Electronic Structure Characterization of an Fe(II) Dimer. <i>Inorganic Chemistry</i> , 2016, 55, 5191-5200.	4.0	12
47	Cu-Catalyzed Azide-Pt-Acetylide Cycloaddition: Progress toward a Conjugated Metallopolymer via iClick. <i>Organometallics</i> , 2018, 37, 4545-4550.	2.3	12
48	Synthesis and characterization of a family of $\text{M}^{2+}$ complexes supported by a trianionic $\text{ONO}^{3-}$ pincer-type ligand: towards the stabilization of high-spin square-planar complexes. <i>Dalton Transactions</i> , 2015, 44, 20207-20215.	3.3	11
49	SPAAC iClick: progress towards a bioorthogonal reaction incorporating metal ions. <i>Dalton Transactions</i> , 2021, 50, 12681-12691.	3.3	11
50	Semi-conducting cyclic copolymers of acetylene and propyne. <i>Reactive and Functional Polymers</i> , 2021, 169, 105088.	4.1	11
51	Evidence for a zwitterionic transition state in double bond rotations within tungsten-vinyl complexes. <i>Chemical Communications</i> , 2015, 51, 13404-13407.	4.1	10
52	Double Tethered Metallacyclobutane Catalyst for Cyclic Polymer Synthesis. <i>Journal of the American Chemical Society</i> , 2021, 143, 17276-17283.	13.7	10
53	Probing $\eta^2$ -alkyl elimination and selectivity in polyolefin hydrogenolysis through DFT. <i>Catalysis Science and Technology</i> , 2021, 11, 6155-6162.	4.1	8
54	Ammonia Synthesis through Hydrolysis of a Trianionic Pincer Ligand-Supported Molybdenum-Nitride Complex. <i>Chemistry - A European Journal</i> , 2019, 25, 14059-14063.	3.3	5

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55	Synthesis and Characterization of Tungsten Alkylidene and Alkylidyne Complexes Featuring a New Carbazole-Based Rigid Trianionic ONO <sup>3-</sup> Pincer-Type Ligand. <i>Organometallics</i> , 2020, 39, 2207-2213.	2.3	5
56	A High-Throughput Approach to Repurposing Olefin Polymerization Catalysts for Polymer Upcycling. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	5
57	Isolation of an Elusive Phosphametallacyclobutadiene and Its Role in Reversible Carbon-Carbon Bond Cleavage. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	4
58	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.	0.5	2
59	Isolation of an Elusive Phosphametallacyclobutadiene and Its Role in Reversible Carbon-Carbon Bond Cleavage. <i>Angewandte Chemie</i> , 2022, 134, .	2.0	2
60	Precise NMR Method for Titering Organometal Reagents. <i>Organic Letters</i> , 2021, 23, 4945-4948.	4.6	1
61	A High-Throughput Approach to Repurposing Olefin Polymerization Catalysts for Polymer Upcycling. <i>Angewandte Chemie</i> , 0, , .	2.0	0
62	N-heterocyclic carbene platinum-butadiyne Click/iClick complexes. Towards blue-violet phosphorescence. <i>Journal of Organometallic Chemistry</i> , 2022, 976, 122440.	1.8	0