Takashi Kurogi

List of Publications by Year
in descending order

36 papers	515 citations	623734 14 h-index	713466 21 g-index
37 all docs	37 docs citations	37 times ranked	633 citing authors

#	Article	IF	Citations
1	Birch Reduction of Arenes Using Sodium Dispersion and DMI under Mild Conditions. Chemistry Letters, 2022, 51, 38-40.	1.3	9
2	Reductive Ring Opening of Arylcyclopropanecarboxamides Accompanied by Borylation and Enolate Formation. Organic Letters, 2022, 24, 1105-1109.	4.6	9
3	A Transmetallation Pathway to a Dinuclear Chromium Î¼-Methylene Complex. Chemistry Letters, 2022, 51, 525-528.	1.3	0
4	A trinuclear chromium(iii) chlorocarbyne. Chemical Communications, 2021, 57, 5199-5202.	4.1	5
5	Structural elucidation of a methylenation reagent of esters: synthesis and reactivity of a dinuclear titanium(<scp>iii</scp>) methylene complex. Chemical Science, 2021, 12, 3509-3515.	7.4	3
6	Phosphorusâ€Atom Transfer from Phosphaethynolate to an Alkylidyne. Angewandte Chemie - International Edition, 2021, 60, 24411-24417.	13.8	4
7	Nb Complexes. , 2021, , 299-374.		2
8	Chromium carbides and cyclopropenylidenes. Chemical Science, 2021, 12, 14281-14287.	7.4	5
9	Selenenate Anions (PhSeO^{âˆ’}) as Organocatalyst: Synthesis of <i>trans</i>â€Stilbenes and a PPV Derivative. Advanced Synthesis and Catalysis, 2020, 362, 659-666.	4.3	8
10	Cyclization of 5-alkynones with chromium alkylidene equivalents generated <i>in situ</i> from <i>gem</i>-dichromiomethanes. Chemical Communications, 2020, 56, 9711-9714.	4.1	6
11	Methylidyne Transfer as a Plausible Deactivation Pathway for Ynene Metathesis. Organometallics, 2020, 39, 4474-4478.	2.3	10
12	Neutral and Anionic Monomeric Zirconium Imides Prepared via Selective C=N Bond Cleavage of a Multidentate and Sterically Demanding Î²â€Diketiminato Ligand. Chemistry - an Asian Journal, 2019, 14, 2629-2638.	3.3	5
13	Well-Defined Titanium Complex for Free-Radical and Cationic Photopolymerizations under Visible Light and Photoinduction of Ti-Based Nanoparticles. Macromolecules, 2019, 52, 3716-3729.	4.8	16
14	Scrutinizing metalâ€"ligand covalency and redox non-innocence <i>via</i> nitrogen K-edge X-ray absorption spectroscopy. Chemical Science, 2019, 10, 5044-5055.	7.4	29
15	Room temperature olefination of methane with titaniumâ€"carbon multiple bonds. Chemical Science, 2018, 9, 3376-3385.	7.4	24
16	Selenolate Anion as an Organocatalyst: Reactions and Mechanistic Studies. Advanced Synthesis and Catalysis, 2018, 360, 1685-1692.	4.3	13
17	Divergent Pathways Involving 1,3â€Dipolar Addition and Nâˆ’N Bond Splitting of an Organic Azide across a Zirconium Methylidene. Angewandte Chemie - International Edition, 2018, 57, 1978-1981.	13.8	11
18	1,2-CH Bond Activation of Pyridine across a Transient Titanium Alkylidene Radical and Re-Formation of the Tiâ•CH^tBu Moiety. Organometallics, 2018, 37, 165-167.	2.3	20

#	Article	IF	Citations
19	Divergent Pathways Involving 1,3â€Dipolar Addition and Nâ˜'N Bond Splitting of an Organic Azide across a Zirconium Methylidene. Angewandte Chemie, 2018, 130, 1996-1999.	2.0	4
20	Methylidyne Transfer Reactions with Niobium. Organometallics, 2018, 37, 3385-3388.	2.3	24
21	A radical coupled pathway to a stable and terminally bound titanium methylidene. Chemical Communications, 2017, 53, 3412-3414.	4.1	21
22	Polyhydrides of Sc, Zr and Hf and Their Proposed Formation.. Israel Journal of Chemistry, 2017, 57, 999-1009.	2.3	11
23	Room-Temperature Ring-Opening of Quinoline, Isoquinoline, and Pyridine with Low-Valent Titanium. Journal of the American Chemical Society, 2017, 139, 12804-12814.	13.7	24
24	A new and selective cycle for dehydrogenation of linear and cyclic alkanes under mild conditions using a base metal. Nature Chemistry, 2017, 9, 1126-1132.	13.6	57
25	Molecular titanium nitrides: nucleophiles unleashed. Chemical Science, 2017, 8, 1209-1224.	7.4	35
26	Trimethylsilyl imide complexes of tantalum: Can the silyl group be eliminated?. Polyhedron, 2017, 125, 80-85.	2.2	6
27	Reactivity Studies of a Zirconium Methylidene Complex: Group Transfer and Methylenation Reactions. Organometallics, 2017, 36, 74-79.	2.3	16
28	Formation and Redox Interconversion of Niobium Methylidene and Methylidyne Complexes. Angewandte Chemie - International Edition, 2016, 55, 6642-6645.	13.8	14
29	Formation and Redox Interconversion of Niobium Methylidene and Methylidyne Complexes. Angewandte Chemie, 2016, 128, 6754-6757.	2.0	1
30	Metallo-Wittig chemistry of an alkylidene to form a terminal titanium oxo complex. Dalton Transactions, 2016, 45, 15894-15901.	3.3	12
31	A Terminally Bound Niobium Methylidyne. Journal of the American Chemical Society, 2016, 138, 4306-4309.	13.7	41
32	Reduction of carbon monoxide by a tetrakis(aryloxide)diniobium complex having four bridging hydrides. Dalton Transactions, 2013, 42, 7510-7513.	3.3	16
33	Synthesis of titanium and zirconium complexes supported by a p-terphenoxide ligand and their reactions with N2, CO2 and CS2. Chemical Communications, 2013, 49, 11755.	4.1	26
34	Multielectron reduction of diazoalkane and azides via reversible cyclometalation in ditantalum complexes. Chemical Communications, 2012, 48, 6809.	4.1	14
35	Insertion and reduction chemistry of isocyanide with a cyclometalated ditantalum hydride complex. Dalton Transactions, 2011, 40, 7701.	3.3	13
36	Pâ€Atom Transfer from Phosphaethynolate to an Alkylidyne.. Angewandte Chemie, 0, , .	2.0	1