

# Adam J Pearce

## List of Publications by Year in descending order

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11  
papers

349  
citations

1307594

7  
h-index

1281871

11  
g-index

11  
all docs

11  
docs citations

11  
times ranked

465  
citing authors

#	ARTICLE	IF	CITATIONS
1	$\hat{\text{I}}^{\pm}$ -Diimine synthesis <i>via</i> titanium-mediated multicomponent diimination of alkynes with C-nitrosos. <i>Chemical Science</i> , 2022, 13, 1469-1477.	7.4	11
2	Generation of Masked $\text{Ti}^{\text{II}}$ Intermediates from $\text{Ti}^{\text{IV}}$ Amides via $\hat{\text{I}}^2$ -H Abstraction or Alkyne Deprotonation: An Example of Ti-Catalyzed Nitrene-Coupled Transfer Hydrogenation. <i>Organometallics</i> , 2020, 39, 3771-3774.	2.3	4
3	Multicomponent Pyrazole Synthesis from Alkynes, Nitriles, and Titanium Imido Complexes via Oxidatively Induced N=N Bond Coupling. <i>Journal of the American Chemical Society</i> , 2020, 142, 4390-4399.	13.7	55
4	The 4-Electron Cleavage of a N=N Double Bond by a Trimetallic $\text{TiNi}_2$ Complex. <i>Inorganic Chemistry</i> , 2019, 58, 11762-11772.	4.0	11
5	Modern applications of low-valent early transition metals in synthesis and catalysis. <i>Nature Reviews Chemistry</i> , 2019, 3, 15-34.	30.2	155
6	Oxidative nitrene transfer from azides to alkynes <i>via</i> $\text{Ti}^{\text{II}}/\text{Ti}^{\text{IV}}$ redox catalysis: formal [2+2+1] synthesis of pyrroles. <i>Chemical Communications</i> , 2018, 54, 6891-6894.	4.1	40
7	Generation of $\text{Ti}^{\text{II}}$ Alkyne Trimerization Catalysts in the Absence of Strong Metal Reductants. <i>Organometallics</i> , 2017, 36, 1383-1390.	2.3	35
8	Redox Non-Innocent Behavior of a Terminal Iridium Hydrazido( $2\hat{\text{I}}^{\sim}$ ) Triple Bond. <i>Angewandte Chemie</i> , 2016, 128, 13363-13367.	2.0	2
9	Redox Non-Innocent Behavior of a Terminal Iridium Hydrazido( $2\hat{\text{I}}^{\sim}$ ) Triple Bond. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 13169-13173.	13.8	4
10	Rapid Synthesis of a Functional Resin-Supported Scorpionate and Its Copper(I, II), Rhodium(I), and Chromium(III) Complexes. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 2465-2473.	2.0	6
11	$\hat{\text{I}}^2$ -Oxo- $\hat{\text{I}}^{\sim}$ -diimine Nickel Complexes: A Comparison of Tautomeric Active Species in Ethylene Polymerization Catalysis. <i>Organometallics</i> , 2016, 35, 2076-2085.	2.3	26