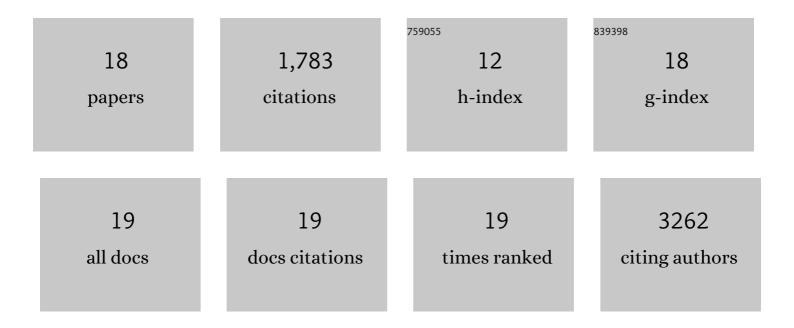
Samat N Tussupbayev

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Benchmark study of the performance of density functional theory for reduction potentials of vanadium compounds. Chemical Bulletin of Kazakh National University, 2020, , 14-21.	0.1	Ο
2	Synthesis and reactivity of a mononuclear non-haem cobalt(IV)-oxo complex. Nature Communications, 2017, 8, 14839.	5.8	132
3	Chemoselective Coupling of 1,1-Bis[(pinacolato)boryl]alkanes for the Transition-Metal-Free Borylation of Aryl and Vinyl Halides: A Combined Experimental and Theoretical Investigation. Journal of the American Chemical Society, 2017, 139, 976-984.	6.6	61
4	Computer-aided rational design of Fe(<scp>iii</scp>)-catalysts for the selective formation of cyclic carbonates from CO ₂ and internal epoxides. Catalysis Science and Technology, 2017, 7, 4375-4387.	2.1	34
5	Single-Site Organozirconium Catalyst Embedded in a Metal–Organic Framework. Journal of the American Chemical Society, 2015, 137, 15680-15683.	6.6	103
6	Comparison of Real-Time and Linear-Response Time-Dependent Density Functional Theories for Molecular Chromophores Ranging from Sparse to High Densities of States. Journal of Chemical Theory and Computation, 2015, 11, 1102-1109.	2.3	98
7	Insight into the Oriented Growth of Surface-Attached Metal–Organic Frameworks: Surface Functionality, Deposition Temperature, and First Layer Order. Journal of the American Chemical Society, 2015, 137, 8237-8243.	6.6	95
8	Targeted Single-Site MOF Node Modification: Trivalent Metal Loading via Atomic Layer Deposition. Chemistry of Materials, 2015, 27, 4772-4778.	3.2	116
9	A Hafnium-Based Metal–Organic Framework as a Nature-Inspired Tandem Reaction Catalyst. Journal of the American Chemical Society, 2015, 137, 13624-13631.	6.6	137
10	Efficient Access to Substituted Silafluorenes by Nickel atalyzed Reactions of Biphenylenes with Et ₂ SiH ₂ . Chemistry - an Asian Journal, 2014, 9, 3163-3173.	1.7	9
11	A Hafnium-Based Metal–Organic Framework as an Efficient and Multifunctional Catalyst for Facile CO ₂ Fixation and Regioselective and Enantioretentive Epoxide Activation. Journal of the American Chemical Society, 2014, 136, 15861-15864.	6.6	470
12	Defining the Proton Topology of the Zr ₆ -Based Metal–Organic Framework NU-1000. Journal of Physical Chemistry Letters, 2014, 5, 3716-3723.	2.1	228
13	A Mechanistic Study of the Utilization of <i>arachno</i> â€Diruthenaborane [(Cp*RuCO) ₂ B ₂ H ₆] as an Active Alkyne yclotrimerization Catalyst. Chemistry - A European Journal, 2012, 18, 8482-8489.	1.7	55
14	Ammonia formation by metal–ligand cooperative hydrogenolysis of a nitrido ligand. Nature Chemistry, 2011, 3, 532-537.	6.6	204
15	Computational Study of Câ^'C Coupling on Diruthenium Bis(μ-vinyl) Ethylene Ï€-Complex. Organometallics, 2009, 28, 3029-3039.	1.1	7
16	Dynamics of Siâ^'Hâ^'Si Bridges in Agostically Stabilized Silylium Ions. Journal of Physical Chemistry A, 2009, 113, 1199-1209.	1.1	12
17	Computational Study of the Câ~'H Bond Activation in Ethylene on a Binuclear Ruthenium Complex. Organometallics, 2008, 27, 3681-3692.	1.1	8
18	DFT Study of Hydride Exchange in a Binuclear Ruthenium Complex. Organometallics, 2007, 26, 56-64.	1.1	11