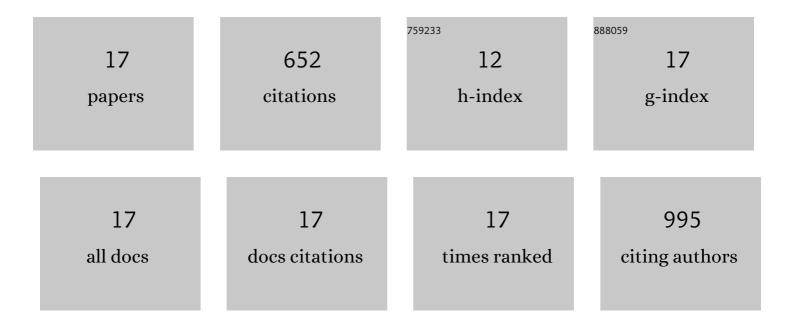
Zhong Sun

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Review: cascade reactions for conversion of carbohydrates using heteropolyacids as the solid catalysts. Biomass Conversion and Biorefinery, 2022, 12, 2313-2331.	4.6	7
2	Synthesis of recoverable thermosensitive Fe3O4 hybrid microgels with controllable catalytic activity. New Journal of Chemistry, 2020, 44, 19440-19444.	2.8	2
3	Highly efficient preparation of HMF from cellulose using temperature-responsive heteropolyacid catalysts in cascade reaction. Applied Catalysis B: Environmental, 2016, 196, 50-56.	20.2	125
4	Fabrication of H ₃ PW ₁₂ O ₄₀ /agarose membrane for catalytic production of biodiesel through esterification and transesterification. RSC Advances, 2016, 6, 81794-81801.	3.6	11
5	Design of a Highly Efficient Indium-Exchanged Heteropolytungstic Acid for Glycerol Esterification with Acetic Acid. Catalysis Surveys From Asia, 2016, 20, 82-90.	2.6	5
6	Lysine functional heteropolyacid nanospheres as bifunctional acid–base catalysts for cascade conversion of glucose to levulinic acid. Fuel, 2016, 164, 262-266.	6.4	38
7	Single step conversion of cellulose to levulinic acid using temperature-responsive dodeca-aluminotungstic acid catalysts. Green Chemistry, 2016, 18, 742-752.	9.0	84
8	Tailoring the Synergistic Bronsted-Lewis acidic effects in Heteropolyacid catalysts: Applied in Esterification and Transesterification Reactions. Scientific Reports, 2015, 5, 13764.	3.3	41
9	Fabrication of a Dendritic Heteropolyacid as Selfâ€ S eparated, Waterâ€Resistant Catalyst for Biodiesel Fuel Production. Energy Technology, 2015, 3, 871-877.	3.8	2
10	A highly active willow-derived sulfonated carbon material with macroporous structure for production of glucose. Cellulose, 2015, 22, 675-682.	4.9	16
11	A heteropoly acid ionic crystal containing Cr as an active catalyst for dehydration of monosaccharides to produce 5-HMF in water. Catalysis Science and Technology, 2015, 5, 2496-2502.	4.1	48
12	Fabrication of a micellar heteropolyacid with Lewis–BrÃ,nsted acid sites and application for the production of 5-hydroxymethylfurfural from saccharides in water. RSC Advances, 2015, 5, 30869-30876.	3.6	26
13	Hydrolysis and alcoholysis of polysaccharides with high efficiency catalyzed by a (C ₁₆ TA) _x H _{6â°x} P ₂ W ₁₈ O ₆₂ nanoassembly. RSC Advances, 2015, 5, 94155-94163.	3.6	14
14	Conversion of highly concentrated fructose into 5-hydroxymethylfurfural by acid–base bifunctional HPA nanocatalysts induced by choline chloride. RSC Advances, 2014, 4, 63055-63061.	3.6	48
15	A water-tolerant C16H3PW11CrO39 catalyst for the efficient conversion of monosaccharides into 5-hydroxymethylfurfural in a micellar system. RSC Advances, 2013, 3, 23051.	3.6	27
16	Acid–base bifunctional HPA nanocatalysts promoting heterogeneous transesterification and esterification reactions. Catalysis Science and Technology, 2013, 3, 2204.	4.1	50
17	One-pot depolymerization of cellulose into glucose and levulinic acid by heteropolyacid ionic liquid catalysis. RSC Advances, 2012, 2, 9058.	3.6	108