Ting Sun

List of Publications by Year
in descending order

21 papers	729 citations	623734 14 h-index	794594 19 g-index
21 all docs	21 docs citations	21 times ranked	941 citing authors

#	Article	IF	Citations
1	Effect of Na Promoter on Fe-Based Catalyst for CO₂ Hydrogenation to Alkenes. ACS Sustainable Chemistry and Engineering, 2019, 7, 925-932.	6.7	117
2	Mn decorated Na/Fe catalysts for CO₂ hydrogenation to light olefins. Catalysis Science and Technology, 2019, 9, 456-464.	4.1	96
3	Promoted effect of alkalization on the catalytic performance of Rh/alk-Ti 3 C 2 X 2 (X O, F) for the hydrodechlorination of chlorophenols in base-free aqueous medium. Applied Catalysis B: Environmental, 2017, 210, 462-469.	20.2	77
4	Nitrogen-Doped Carbon-Stabilized Ru Nanoclusters as Excellent Catalysts for Hydrogen Production. ACS Sustainable Chemistry and Engineering, 2019, 7, 1178-1184.	6.7	65
5	Magnetic, recyclable Pt_yCo_{1â^'y}/Ti₃C₂X₂ (X = O, F) catalyst: a facile synthesis and enhanced catalytic activity for hydrogen generation from the hydrolysis of ammonia borane. New Journal of Chemistry, 2017, 41, 2793-2799.	2.8	61
6	Highly selective gas sensing properties of partially inversed spinel zinc ferrite towards H2S. Sensors and Actuators B: Chemical, 2016, 235, 258-262.	7.8	53
7	Investigating the effect of diamond size and conditioning force on chemical mechanical planarization pad topography. Microelectronic Engineering, 2010, 87, 553-559.	2.4	40
8	Efficient hydrogen evolution from ammonia borane hydrolysis with Rh decorated on phosphorus-doped carbon. International Journal of Hydrogen Energy, 2019, 44, 16548-16556.	7.1	38
9	Investigating Effect of Conditioner Aggressiveness on Removal Rate during Interlayer Dielectric Chemical Mechanical Planarization through Confocal Microscopy and Dual Emission Ultraviolet-Enhanced Fluorescence Imaging. Japanese Journal of Applied Physics, 2010, 49, 026501.	1.5	31
10	Investigation of eccentric PVA brush behaviors in post-Cu CMP cleaning. Microelectronic Engineering, 2012, 100, 20-24.	2.4	25
11	Optical and Mechanical Characterization of Chemical Mechanical Planarization Pad Surfaces. Japanese Journal of Applied Physics, 2010, 49, 046501.	1.5	20
12	Synergistic catalysis of Pdâ€“Ni(OH)2 hybrid anchored on porous carbon for hydrogen evolution from the dehydrogenation of formic acid. International Journal of Hydrogen Energy, 2020, 45, 12849-12858.	7.1	20
13	Frictional Analysis of Various Poly(vinyl alcohol) Brush Roller Designs for Post-Interlevel Dielectric CMP Scrubbing Applications. Electrochemical and Solid-State Letters, 2009, 12, H84.	2.2	17
14	Phase transition, piezoelectric, and multiferroic properties of La(Co_{0.5}Mn_{0.5})O₃-modified BiFeO₃-BaTiO₃lead-free ceramics. Physica Status Solidi (A) Applications and Materials Science, 2015, 212, 2012-2022.	1.8	15
15	Maximizing hydrogen production by AB hydrolysis with Pt@cobalt oxide/N,O-rich carbon and alkaline ultrasonic irradiation. Inorganic Chemistry Frontiers, 2022, 9, 2204-2212.	6.0	13
16	Tunable magnetic pole inversion in multiferroic BiFeO₃â€“DyFeO₃ solid solution. Journal of Materials Chemistry C, 2017, 5, 4063-4067.	5.5	12
17	Effect of Various Cleaning Solutions and Brush Scrubber Kinematics on the Frictional Attributes of Post Copper CMP Cleaning Process. Solid State Phenomena, 0, 145-146, 363-366.	0.3	8
18	Improved piezoelectric and bright up-conversion photoluminescent properties in Ho-doped Bi0.5Na0.5TiO3â€“BaTiO3 lead-free ceramics. Journal of Materials Science: Materials in Electronics, 2015, 26, 6979-6985.	2.2	8

#	Article	IF	Citations
19	Removal of linear and monobranched alkane from aviation gasoline by 5A zeolite adsorption for octane number enhancement. Canadian Journal of Chemical Engineering, 2016, 94, 128-133.	1.7	8
20	Method for Determining the Lubrication Mechanism of Post-ILD CMP Brush Scrubbing. Electrochemical and Solid-State Letters, 2008, 11, H214.	2.2	4
21	Brush Scrubbing for Post-CMP Cleaning. , 2017, , 109-133.		1