Ahmed M Senan

List of Publications by Year
in descending order

17	1,216	933447	888059
papers	citations	10 h-index	17 g-index

18	18	18	1869
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Diagnostics for SARS-CoV-2 infections. Nature Materials, 2021, 20, 593-605.	27.5	533
2	The Natural History, Pathobiology, and Clinical Manifestations of SARS-CoV-2 Infections. Journal of NeuroImmune Pharmacology, 2020, 15, 359-386.	4.1	391
3	Non-redox metal ion promoted oxidative coupling of indoles with olefins by the palladium(<scp>ii</scp>) acetate catalyst through dioxygen activation: experimental results with DFT calculations. Organic and Biomolecular Chemistry, 2016, 14, 4146-4157.	2.8	45
4	Efficient Bimetallic Catalysis of Nitrile Hydration to Amides with a Simple Pd(OAc)₂/Lewis Acid Catalyst at Ambient Temperature. European Journal of Organic Chemistry, 2017, 2017, 1870-1875.	2.4	41
5	Exploring the Potential of High-Voltage Electric Field Cold Plasma (HVCP) Using a Dielectric Barrier Discharge (DBD) as a Plasma Source on the Quality Parameters of Carrot Juice. Antibiotics, 2019, 8, 235.	3.7	41
6	Nonredox Metal-Ion-Accelerated Olefin Isomerization by Palladium(II) Catalysts: Density Functional Theory (DFT) Calculations Supporting the Experimental Data. ACS Catalysis, 2016, 6, 4144-4148.	11.2	34
7	Attenuation mechanisms of arsenic induced toxicity and its accumulation in plants by engineered nanoparticles: A review. Environmental Pollution, 2022, 302, 119038.	7.5	29
8	Influence of Combined Effect of Ultra-Sonication and High-Voltage Cold Plasma Treatment on Quality Parameters of Carrot Juice. Foods, 2019, 8, 593.	4.3	27
9	Non-redox metal ions promoted oxidative dehydrogenation of saturated C C bond by simple Pd(OAc)2 catalyst. Catalysis Communications, 2017, 90, 5-9.	3.3	23
10	Sequential Application of High-Voltage Electric Field Cold Plasma Treatment and Acid Blanching Improves the Quality of Fresh Carrot Juice (Daucus carota L.). Journal of Agricultural and Food Chemistry, 2020, 68, 15311-15318.	5.2	19
11	Transformation of Unsaturated Fatty Acids/Esters to Corresponding Keto Fatty Acids/Esters by Aerobic Oxidation with Pd(II)/Lewis Acid Catalyst. Journal of Agricultural and Food Chemistry, 2017, 65, 6912-6918.	5.2	8
12	1-(2-Aminoethyl)-3-methyl-1H-imidazol-3-ium tetrafluoroborate: synthesis and application in carbohydrate analysis. Pure and Applied Chemistry, 2019, 91, 1441-1450.	1.9	7
13	Efficient and selective catalytic hydroxylation of unsaturated plant oils: a novel method for producing anti-pathogens. BMC Chemistry, 2021, 15, 20.	3.8	4
14	Pharmacotherapeutics of SARS-CoV-2 Infections. Journal of NeuroImmune Pharmacology, 2021, 16, 12-37.	4.1	4
15	LCâ€ESIâ€QTOF/MS characterization of antimicrobial compounds with their action mode extracted from vine tea (Ampelopsis grossedentata) leaves. Food Science and Nutrition, 2022, 10, 422-435.	3.4	4
16	Transformation of Methyl Linoleate to its Conjugated Derivatives with Simple Pd(OAc)₂/Lewis Acid Catalyst. JAOCS, Journal of the American Oil Chemists' Society, 2017, 94, 1481-1489.	1.9	3
17	Mesoporous Nano-Sized BiFeVOx.y Phases for Removal of Organic Dyes from Wastewaters by Visible Light Photocatalytic Degradation. Nanomaterials, 2022, 12, 1383.	4.1	3