

# Ahmed M Senan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5334537/publications.pdf>

Version: 2024-02-01

17  
papers

1,216  
citations

932766

10  
h-index

887659

17  
g-index

18  
all docs

18  
docs citations

18  
times ranked

1869  
citing authors

#	ARTICLE	IF	CITATIONS
1	Diagnostics for SARS-CoV-2 infections. <i>Nature Materials</i> , 2021, 20, 593-605.	13.3	533
2	The Natural History, Pathobiology, and Clinical Manifestations of SARS-CoV-2 Infections. <i>Journal of NeuroImmune Pharmacology</i> , 2020, 15, 359-386.	2.1	391
3	Non-redox metal ion promoted oxidative coupling of indoles with olefins by the palladium(II) acetate catalyst through dioxygen activation: experimental results with DFT calculations. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 4146-4157.	1.5	45
4	Efficient Bimetallic Catalysis of Nitrile Hydration to Amides with a Simple Pd(OAc) <sub>2</sub> /Lewis Acid Catalyst at Ambient Temperature. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 1870-1875.	1.2	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. <i>Antibiotics</i> , 2019, 8, 235.	1.5	41
6	Nonredox Metal-Ion-Accelerated Olefin Isomerization by Palladium(II) Catalysts: Density Functional Theory (DFT) Calculations Supporting the Experimental Data. <i>ACS Catalysis</i> , 2016, 6, 4144-4148.	5.5	34
7	Attenuation mechanisms of arsenic induced toxicity and its accumulation in plants by engineered nanoparticles: A review. <i>Environmental Pollution</i> , 2022, 302, 119038.	3.7	29
8	Influence of Combined Effect of Ultra-Sonication and High-Voltage Cold Plasma Treatment on Quality Parameters of Carrot Juice. <i>Foods</i> , 2019, 8, 593.	1.9	27
9	Non-redox metal ions promoted oxidative dehydrogenation of saturated C-C bond by simple Pd(OAc) <sub>2</sub> catalyst. <i>Catalysis Communications</i> , 2017, 90, 5-9.	1.6	23
10	Sequential Application of High-Voltage Electric Field Cold Plasma Treatment and Acid Blanching Improves the Quality of Fresh Carrot Juice ( <i>Daucus carota</i> L.). <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 15311-15318.	2.4	19
11	Transformation of Unsaturated Fatty Acids/Esters to Corresponding Keto Fatty Acids/Esters by Aerobic Oxidation with Pd(II)/Lewis Acid Catalyst. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 6912-6918.	2.4	8
12	1-(2-Aminoethyl)-3-methyl-1H-imidazol-3-ium tetrafluoroborate: synthesis and application in carbohydrate analysis. <i>Pure and Applied Chemistry</i> , 2019, 91, 1441-1450.	0.9	7
13	Efficient and selective catalytic hydroxylation of unsaturated plant oils: a novel method for producing anti-pathogens. <i>BMC Chemistry</i> , 2021, 15, 20.	1.6	4
14	Pharmacotherapeutics of SARS-CoV-2 Infections. <i>Journal of NeuroImmune Pharmacology</i> , 2021, 16, 12-37.	2.1	4
15	LC-ESI-MS characterization of antimicrobial compounds with their action mode extracted from vine tea ( <i>Ampelopsis grossedentata</i> ) leaves. <i>Food Science and Nutrition</i> , 2022, 10, 422-435.	1.5	4
16	Transformation of Methyl Linoleate to its Conjugated Derivatives with Simple Pd(OAc) <sub>2</sub> /Lewis Acid Catalyst. <i>JAOCs, Journal of the American Oil Chemists' Society</i> , 2017, 94, 1481-1489.	0.8	3
17	Mesoporous Nano-Sized BiFeVO <sub>x,y</sub> Phases for Removal of Organic Dyes from Wastewaters by Visible Light Photocatalytic Degradation. <i>Nanomaterials</i> , 2022, 12, 1383.	1.9	3