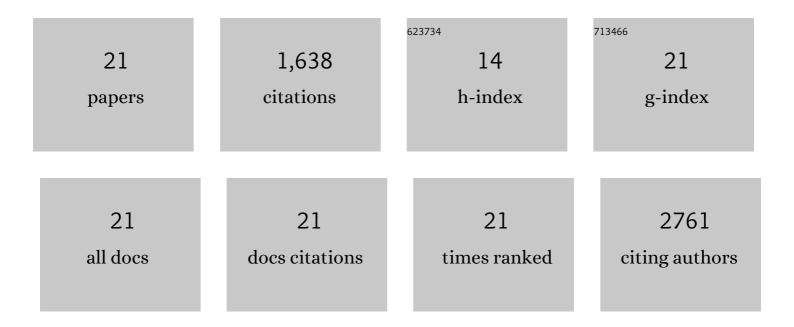
Victor Abdelsayed

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Comparative evaluation of microwave and conventional gasification of different coal types: Experimental reaction studies. Fuel, 2022, 321, 124055.	6.4	23
2	Zeolites interactions with microwaves during methane non-oxidative coupling. Catalysis Today, 2021, 365, 88-102.	4.4	4
3	Catalytic direct conversion of ethane to value-added chemicals under microwave irradiation. Catalysis Today, 2020, 356, 3-10.	4.4	24
4	Effect of Microwave and Thermal Co-pyrolysis of Low-Rank Coal and Pine Wood on Product Distributions and Char Structure. Energy & Fuels, 2019, 33, 7069-7082.	5.1	22
5	Catalytic conversion of CO2 to propylene carbonate over Pt-decorated Mg-substituted metal organic framework. Applied Catalysis A: General, 2019, 586, 117225.	4.3	15
6	Microwave-Assisted Conversion of Low Rank Coal under Methane Environment. Energy & Fuels, 2019, 33, 905-915.	5.1	8
7	Microwave-assisted pyrolysis of Mississippi coal: A comparative study with conventional pyrolysis. Fuel, 2018, 217, 656-667.	6.4	96
8	Investigation of the stability of Zn-based HZSM-5 catalysts for methane dehydroaromatization. Applied Catalysis A: General, 2015, 505, 365-374.	4.3	53
9	Effect of Fe and Zn promoters on Mo/HZSM-5 catalyst for methane dehydroaromatization. Fuel, 2015, 139, 401-410.	6.4	96
10	Direct observation of metal nanoparticles as heterogeneous nuclei for the condensation of supersaturated organic vapors: Nucleation of size-selected aluminum nanoparticles in acetonitrile and n-hexane vapors. Journal of Chemical Physics, 2014, 141, 054710.	3.0	5
11	Synthesis, characterization, and catalytic activity of Rh-based lanthanum zirconate pyrochlores for higher alcohol synthesis. Catalysis Today, 2013, 207, 65-73.	4.4	56
12	Rapid synthesis of magnetic/luminescent (Fe3O4/CdSe) nanocomposites by microwave irradiation. Journal of Nanoparticle Research, 2013, 15, 1.	1.9	13
13	Photothermal Deoxygenation of Graphite Oxide with Laser Excitation in Solution and Graphene-Aided Increase in Water Temperature. Journal of Physical Chemistry Letters, 2010, 1, 2804-2809.	4.6	267
14	Metallic and bimetallic nanocatalysts incorporated into highly porous coordination polymer MIL-101. Journal of Materials Chemistry, 2009, 19, 7625.	6.7	277
15	Microwave synthesis of graphene sheets supporting metal nanocrystals in aqueous and organic media. Journal of Materials Chemistry, 2009, 19, 3832.	6.7	511
16	Laser synthesis of bimetallic nanoalloys in the vapor and liquid phases and the magnetic properties of PdM and PtM nanoparticles (M = Fe, Co and Ni). Faraday Discussions, 2008, 138, 163-180.	3.2	50
17	Vapor phase nucleation on neutral and charged nanoparticles: Condensation of supersaturated trifluoroethanol on Mg nanoparticles. Journal of Chemical Physics, 2007, 126, 024706.	3.0	13
18	Vapor-phase synthesis of metallic and intermetallic nanoparticles and nanowires: Magnetic and catalytic properties. Pure and Applied Chemistry, 2006, 78, 1667-1689.	1.9	36

#	Article	IF	CITATIONS
19	Differential mobility analysis of nanoparticles generated by laser vaporization and controlled condensation (LVCC). Journal of Nanoparticle Research, 2006, 8, 361-369.	1.9	7
20	Vapor Phase Growth and Assembly of Metallic, Intermetallic, Carbon, and Silicon Nanoparticle Filaments. Journal of Physical Chemistry B, 2003, 107, 2882-2886.	2.6	26
21	Vapor Phase Homogeneous Nucleation of Higher Alkanes:Â Dodecane, Hexadecane, and Octadecane. 1. Critical Supersaturation and Nucleation Rate Measurementsâ€. Journal of Physical Chemistry B, 2001, 105, 11866-11872.	2.6	36