

# Deniz Sanli

## List of Publications by Year in descending order

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Version: 2024-02-01

15  
papers

409  
citations

1040056

9  
h-index

1058476

14  
g-index

15  
all docs

15  
docs citations

15  
times ranked

580  
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis of nanostructured materials using supercritical CO <sub>2</sub> : Part I. Physical transformations. <i>Journal of Materials Science</i> , 2012, 47, 2995-3025.	3.7	115
2	Synthesis of nanostructured materials using supercritical CO <sub>2</sub> : Part II. Chemical transformations. <i>Journal of Materials Science</i> , 2012, 47, 3469-3492.	3.7	75
3	Preparation and characterization of superhydrophobic surfaces based on hexamethyldisilazane-modified nanoporous alumina. <i>Nanoscale Research Letters</i> , 2011, 6, 487.	5.7	51
4	Monolithic Composites of Silica Aerogels by Reactive Supercritical Deposition of Hydroxy-Terminated Poly(Dimethylsiloxane). <i>ACS Applied Materials &amp; Interfaces</i> , 2013, 5, 11708-11717.	8.0	41
5	Catalytic activity of copper (II) oxide prepared via ultrasound assisted Fenton-like reaction. <i>Ultrasonics Sonochemistry</i> , 2014, 21, 854-859.	8.2	32
6	Three-dimensional optofluidic waveguides in hydrophobic silica aerogels via supercritical fluid processing. <i>Journal of Supercritical Fluids</i> , 2013, 73, 28-33.	3.2	25
7	Silylation from supercritical carbon dioxide: a powerful technique for modification of surfaces. <i>Journal of Materials Science</i> , 2015, 50, 7159-7181.	3.7	22
8	Demixing pressures of hydroxy-terminated poly(dimethylsiloxane)-carbon dioxide binary mixtures at 313.2K, 323.2K and 333.2K. <i>Journal of Supercritical Fluids</i> , 2014, 92, 264-271.	3.2	12
9	Frequency response of microcantilevers immersed in gaseous, liquid, and supercritical carbon dioxide. <i>Journal of Supercritical Fluids</i> , 2013, 81, 254-264.	3.2	10
10	Applications of Aerogels and Their Composites in Energy-Related Technologies. , 2014, , 157-180.		7
11	Bubble point pressures and densities of hexamethyldisiloxane-carbon dioxide binary mixture using a constant volume view cell. <i>Journal of Supercritical Fluids</i> , 2013, 74, 52-60.	3.2	6
12	Effect of polymer molecular weight and deposition temperature on the properties of silica aerogel/hydroxy-terminated poly(dimethylsiloxane) nanocomposites prepared by reactive supercritical deposition. <i>Journal of Supercritical Fluids</i> , 2015, 105, 99-107.	3.2	5
13	Structural cooperativity in histone H3 tail modifications. <i>Protein Science</i> , 2011, 20, 1982-1990.	7.6	4
14	Experimental and theoretical study of NH <sub>3</sub> adsorption and desorption over a Cu-chabazite NH <sub>3</sub> -SCR catalyst. <i>Turkish Journal of Chemistry</i> , 2018, 42, 1768-1780.	1.2	3
15	Investigation of performances of commercial diesel oxidation catalysts for CO, C <sub>3</sub> H <sub>6</sub> , and NO oxidation. <i>Turkish Journal of Chemistry</i> , 2021, 45, 673-682.	1.2	1