

Gurkan Karakas

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

533
citations

759233

12
h-index

794594

19
g-index

20
all docs

20
docs citations

20
times ranked

741
citing authors

#	ARTICLE	IF	CITATIONS
1	Photocatalytic microbial inactivation over Pd doped SnO ₂ and TiO ₂ thin films. Journal of Photochemistry and Photobiology A: Chemistry, 2006, 184, 313-321.	3.9	117
2	Reaction network of indole hydrodenitrogenation over NiMoS/Î ³ -Al ₂ O ₃ catalysts. Applied Catalysis A: General, 2000, 190, 51-60.	4.3	55
3	The role of alkali-metal promotion on CO oxidation over PdO/SnO ₂ catalysts. Applied Catalysis A: General, 2006, 299, 84-94.	4.3	50
4	Self-Sustained Oscillatory Behavior of NO+CH ₄ +O ₂ Reaction over Titania-Supported Pd Catalysts. Journal of Catalysis, 1997, 171, 67-76.	6.2	45
5	Characterization and temperature-programmed studies over Pd/TiO ₂ catalysts for NO reduction with methane. Catalysis Today, 1998, 40, 3-14.	4.4	45
6	Photocatalytic antibacterial activity of TiO ₂ â€“SiO ₂ thin films: The effect of composition on cell adhesion and antibacterial activity. Journal of Photochemistry and Photobiology A: Chemistry, 2014, 283, 29-37.	3.9	39
7	NiMoS/Î ³ -Al ₂ O ₃ Catalysts: The Nature and the Aging Behavior of Active Sites in HDN Reactions. Journal of Catalysis, 1998, 178, 457-465.	6.2	37
8	Supercritical Fluid Extraction and Temperature-Programmed Desorption of Phenol and Its Oxidative Coupling Products from Activated Carbon. Industrial & Engineering Chemistry Research, 1998, 37, 3089-3097.	3.7	26
9	CO oxidation over palladium- and sodium-promoted tin dioxide: catalyst characterization and temperature-programmed studies. Applied Catalysis A: General, 2005, 281, 275-284.	4.3	25
10	Room Temperature Photocatalytic Oxidation of Carbon Monoxide Over Pd/TiO ₂ â€“SiO ₂ Catalysts. Topics in Catalysis, 2013, 56, 1883-1891.	2.8	18
11	Effect of H ₂ O and SO ₂ on the activity of Pd/TiO ₂ catalysts in catalytic reduction of NO with methane in the presence of oxygen. Catalysis Today, 1998, 42, 3-11.	4.4	17
12	In situ DRIFTS characterization of wet-impregnated and solâ€“gel Pd/TiO ₂ for NO reduction with CH ₄ . Catalysis Communications, 2002, 3, 199-206.	3.3	16
13	Hydrothermal Synthesis of Nanostructured TiO ₂ Particles and Characterization of Their Photocatalytic Antimicrobial Activity. Journal of Nanoscience and Nanotechnology, 2008, 8, 878-886.	0.9	11
14	Synthesis of Na-, Fe-, and Co-promoted TiO ₂ /multiwalled carbon nanotube composites and their use as a photocatalyst. Turkish Journal of Chemistry, 2017, 41, 440-454.	1.2	11
15	Catalytic oxidation of nitrogen containing compounds for nitrogen determination. Catalysis Today, 2019, 323, 159-165.	4.4	7
16	Modeling and computational simulation of adsorption based chemical heat pumps. Applied Thermal Engineering, 2013, 50, 401-407.	6.0	6
17	An experimental investigation of poly(vinyl chloride) emulsion polymerization: Effect of initiator and emulsifier concentrations on polymerization kinetics and product particle size. British Polymer Journal, 1989, 21, 399-406.	0.7	5
18	<i>A Special Issue</i> Selected Peer Reviewed Articles from NANOMAT 2006â€“International Workshop on Nanostructured Materials, June 21â€“23, 2006, Antalya, Turkey. Journal of Nanoscience and Nanotechnology, 2008, 8, 467-468.	0.9	1

#	ARTICLE	IF	CITATIONS
19	Photocatalytic Properties and Characterization of Praseodymium-doped Titanium Dioxide. Journal of Advanced Oxidation Technologies, 2018, 21, 215-226.	0.5	1
20	Praseodymium katkıları titanyum dioksit fotokatalizörün metilen mavisinin bozunma reaksiyonundaki etkinliği. Journal of the Faculty of Engineering and Architecture of Gazi University, 2019, 35, 859-870.	0.8	1