Gurkan Karakas

List of Publications by Year
in descending order

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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	Catalytic oxidation of nitrogen containing compounds for nitrogen determination. Catalysis Today, 2019, 323, 159-165.	4.4	7
2	Praseodymium katkÄ±lÄ± titanyum dioksit fotokatalizÃ¶rÃ¼nÃ¼n metilen mavisinin bozunma reaksiyonundaki etkinliÄŸi. Journal of the Faculty of Engineering and Architecture of Gazi University, 2019, 35, 859-870.	0.8	1
3	Photocatalytic Properties and Characterization of Praseodymium-doped Titanium Dioxide. Journal of Advanced Oxidation Technologies, 2018, 21, 215-226.	0.5	1
4	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
5	Photocatalytic antibacterial activity of TiO2â€“SiO2 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
6	Room Temperature Photocatalytic Oxidation of Carbon Monoxide Over Pd/TiO2â€“SiO2 Catalysts. Topics in Catalysis, 2013, 56, 1883-1891.	2.8	18
7	Modeling and computational simulation of adsorption based chemical heat pumps. Applied Thermal Engineering, 2013, 50, 401-407.	6.0	6
8	Hydrothermal Synthesis of Nanostructured TiO₂ Particles and Characterization of Their Photocatalytic Antimicrobial Activity. Journal of Nanoscience and Nanotechnology, 2008, 8, 878-886.	0.9	11
9	A Special Issue 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
10	The role of alkali-metal promotion on CO oxidation over PdO/SnO2 catalysts. Applied Catalysis A: General, 2006, 299, 84-94.	4.3	50
11	Photocatalytic microbial inactivation over Pd doped SnO2 and TiO2 thin films. Journal of Photochemistry and Photobiology A: Chemistry, 2006, 184, 313-321.	3.9	117
12	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
13	In situ DRIFTS characterization of wet-impregnated and solâ€“gel Pd/TiO2 for NO reduction with CH4. Catalysis Communications, 2002, 3, 199-206.	3.3	16
14	Reaction network of indole hydrodenitrogenation over NiMoS/Î³-Al2O3 catalysts. Applied Catalysis A: General, 2000, 190, 51-60.	4.3	55
15	NiMoS/Î³-Al2O3Catalysts: The Nature and the Aging Behavior of Active Sites in HDN Reactions. Journal of Catalysis, 1998, 178, 457-465.	6.2	37
16	Effect of H2O and SO2 on the activity of Pd/TiO2 catalysts in catalytic reduction of NO with methane in the presence of oxygen. Catalysis Today, 1998, 42, 3-11.	4.4	17
17	Characterization and temperature-programmed studies over Pd/TiO2 catalysts for NO reduction with methane. Catalysis Today, 1998, 40, 3-14.	4.4	45
18	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

#	Article	IF	Citations
19	Self-Sustained Oscillatory Behavior of NO+CH4+O2Reaction over Titania-Supported Pd Catalysts. Journal of Catalysis, 1997, 171, 67-76.	6.2	45
20	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