

# Nurak Grisdanurak

## List of Publications by Year in descending order

Source: [//exaly.com/author-pdf/11740490/publications.pdf](https://exaly.com/author-pdf/11740490/publications.pdf)

Version: 2025-02-01

27  
papers

804  
citations

487887

16  
h-index

525903

26  
g-index

28  
all docs

28  
docs citations

28  
times ranked

1218  
citing authors

#	ARTICLE	IF	CITATIONS
1	Insight into the ultrasonication of graphene oxide with strong changes in its properties and performance for adsorption applications. <i>Chemical Engineering Journal</i> , 2019, 373, 1212-1222.	11.9	60
2	Divergent mechanisms for thermal reduction of graphene oxide and their highly different ion affinities. <i>Diamond and Related Materials</i> , 2018, 89, 246-256.	4.8	59
3	Role of Cu on zero valent bimetallic Cu-Fe in arsenic removal with gas bubbling. <i>Environmental Progress and Sustainable Energy</i> , 2017, 36, 1449-1457.	2.4	8
4	Mechanism pathway and kinetics of p-cresol photocatalytic degradation over titania nanorods under UV-visible irradiation. <i>Chemical Engineering Journal</i> , 2016, 296, 420-427.	11.9	32
5	Nitrogen gas selectivity enhancement on nitrate denitrification using nanoscale zero-valent iron supported palladium/copper catalysts. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2015, 57, 143-153.	5.7	39
6	Arsenic removal by nanoiron coupled with gas bubbling system. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2015, 47, 182-189.	5.7	16
7	Utilization of rice husk silica as adsorbent for BTEX passive air sampler under high humidity condition. <i>Environmental Science and Pollution Research</i> , 2015, 23, 5538-5548.	4.4	10
8	Manganese Loaded on Titania Surface by Impregnation Method for Photocatalytic Degradation of Reactive Red-3 Dye. <i>Materials Science Forum</i> , 2013, 734, 295-305.	0.4	1
9	Structural properties of CuO/TiO <sub>2</sub> nanorod in relation to their catalytic activity for simultaneous hydrogen production under solar light. <i>International Journal of Hydrogen Energy</i> , 2013, 38, 15992-16001.	9.2	124
10	Electronic Chemical Properties of Vanadium Doped TiO <sub>2</sub> for Photocatalytic Degradation of BTEX. <i>Materials Science Forum</i> , 2012, 700, 223-226.	0.4	2
11	Improvement of BTEX Adsorption Using Silylated RH-MCM-41 Synthesized from Rice Husk Silica. <i>Materials Science Forum</i> , 2012, 700, 231-235.	0.4	0
12	Enhancement of Photocatalytic Activity of TiO <sub>2</sub> Thin Film Using Diethanolamine and MCM-41. <i>Materials Science Forum</i> , 2012, 712, 117-131.	0.4	3
13	Photocatalytic degradation of paraquat using nano-sized Cu-TiO <sub>2</sub> /SBA-15 under UV and visible light. <i>Journal of Environmental Sciences</i> , 2012, 24, 1125-1132.	6.8	60
14	Arsenic Adsorption by Fe Loaded on RH-MCM-41 Synthesized from Rice Husk Silica. <i>Journal of Environmental Engineering, ASCE</i> , 2012, 138, 119-128.	1.4	12
15	Photocatalytic degradation of BTEX using W-doped TiO <sub>2</sub> immobilized on fiberglass cloth under visible light. <i>Superlattices and Microstructures</i> , 2012, 52, 632-642.	5.1	46
16	Degradation of paraquat under visible light over fullerene modified V-TiO <sub>2</sub> . <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2011, 103, 227-237.	1.5	16
17	Impact of selected solution factors on arsenate and arsenite removal by nanoiron particles. <i>Environmental Science and Pollution Research</i> , 2011, 18, 857-864.	4.4	39
18	Visible light-irradiated degradation of alachlor on Fe-TiO <sub>2</sub> with assistance of H <sub>2</sub> O <sub>2</sub> . <i>Korean Journal of Chemical Engineering</i> , 2011, 28, 2178-2183.	3.0	22

#	ARTICLE	IF	CITATIONS
19	Gas-bubbled nano zero-valent iron process for high concentration arsenate removal. <i>Journal of Hazardous Materials</i> , 2011, 186, 2123-2128.	12.4	39
20	Photocatalytic degradation of benzene, toluene, ethylbenzene, and xylene (BTEX) using transition metal-doped titanium dioxide immobilized on fiberglass cloth. <i>Korean Journal of Chemical Engineering</i> , 2011, 29, 377-383.	3.0	42
21	Characteristics and photocatalytic degradation of methyl orange on Ti-RH-MCM-41 and TiO <sub>2</sub> /RH-MCM-41. <i>Korean Journal of Chemical Engineering</i> , 2010, 26, 1556-1562.	3.0	10
22	Synthesis and characterization of Fe-MCM-41 from rice husk silica by hydrothermal technique for arsenate adsorption. <i>Environmental Geochemistry and Health</i> , 2010, 32, 261-266.	3.5	14
23	Calcination temperature effect on solvothermal Fe-TiO <sub>2</sub> and its performance under visible light irradiation. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2010, 41, 612-616.	5.7	35
24	Characterization of platinum-iron catalysts supported on MCM-41 synthesized with rice husk silica and their performance for phenol hydroxylation. <i>Science and Technology of Advanced Materials</i> , 2009, 10, 015006.	6.4	16
25	Sonophotocatalytic activity of methyl orange over Fe(III)/TiO <sub>2</sub> . <i>Reaction Kinetics and Catalysis Letters</i> , 2009, 97, 249-254.	0.2	25
26	Silylated rice husk MCM-41 and its binary adsorption of water-toluene mixture. <i>Journal of Porous Materials</i> , 2007, 16, 41-46.	2.8	20
27	Utilization of mesoporous molecular sieves synthesized from natural source rice husk silica to Chlorinated Volatile Organic Compounds (CVOCs) adsorption. <i>Korean Journal of Chemical Engineering</i> , 2003, 20, 950-955.	3.0	54