# Yoshihisa Ohko

List of Publications by Year
in descending order



| 35 | 4,605 | 218677 | 395702 |
|---|---|---|---|
| papers | citations | 26 h-index | 33 g-index |

| 35 | 35 | 35 | 4950 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Removal of methyl mercaptan with highly-mobile silver on graphitic carbon-nitride (g-C 3 N 4 ) photocatalyst. Applied Catalysis B: Environmental, 2016, 198, 133-141. | 20.2 | 52 |
| 2 | Estimating the viability of Chlorella exposed to oxidative stresses based around photocatalysis. International Biodeterioration and Biodegradation, 2013, 78, 1-6. | 3.9 | 18 |
| 3 | Comparative study of microbial dechlorination of chlorinated ethenes in an aquifer and a clayey aquitard. Journal of Contaminant Hydrology, 2011, 124, 14-24. | 3.3 | 35 |
| 4 | Unexpected release of HNO3 and related species from UV-illuminated TiO2 surface into air in photocatalytic oxidation of NO2. Environmental Chemistry Letters, 2010, 8, 289-294. | 16.2 | 14 |
| 5 | Degradation of malachite green on Pd/WO3 photocatalysts under simulated solar light. Journal of Hazardous Materials, 2010, 184, 386-391. | 12.4 | 107 |
| 6 | Photocatalytic oxidation of nitrogen monoxide using TiO2 thin films under continuous UV light illumination. Journal of Photochemistry and Photobiology A: Chemistry, 2009, 205, 28-33. | 3.9 | 70 |
| 7 | Highly selective photocatalytic reduction of NO2 in air to NO using Cu2+-loaded TiO2 thin films. Journal of Photochemistry and Photobiology A: Chemistry, 2009, 206, 27-31. | 3.9 | 11 |
| 8 | Prevention of Phormidium tenue Biofilm Formation by TiO2 Photocatalysis. Microbes and Environments, 2009, 24, 241-245. | 1.6 | 16 |
| 9 | Selfâ€sterilization using silicone catheters coated with Ag and TiO<sub>2</sub> nanocomposite thin film. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2008, 85B, 453-460. | 3.4 | 103 |
| 10 | Photocatalytic Oxidation of Nitrogen Dioxide with TiO<sub>2</sub> Thin Films under Continuous UV-Light Illumination. Journal of Physical Chemistry C, 2008, 112, 10502-10508. | 3.1 | 90 |
| 11 | X-ray induced photoelectrochemistry on TiO2. Electrochimica Acta, 2007, 52, 6938-6942. | 5.2 | 26 |
| 12 | Self-sterilizing catheters with titanium dioxide photocatalyst thin films for clean intermittent catheterization: Basis and study of clinical use. International Journal of Urology, 2007, 14, 426-430. | 1.0 | 50 |
| 13 | Electron transport in silver-semiconductor nanocomposite films exhibiting multicolor photochromism. Physical Chemistry Chemical Physics, 2005, 7, 3851. | 2.8 | 178 |
| 14 | Switchable rewritability of Agâ€“TiO2nanocomposite films with multicolor photochromism. Chemical Communications, 2005, , 1288-1290. | 4.1 | 88 |
| 15 | TiO2Films Loaded with Silver Nanoparticles:Â Control of Multicolor Photochromic Behavior. Journal of the American Chemical Society, 2004, 126, 3664-3668. | 13.7 | 331 |
| 16 | Bactericidal effect of an energy storage TiO2â€“WO3 photocatalyst in dark. Electrochemistry Communications, 2003, 5, 793-796. | 4.7 | 127 |
| 17 | Photocatalytic decomposition of estrogens in aquatic environment by reciprocating immersion of TiO2-modified polytetrafluoroethylene mesh sheets. Journal of Photochemistry and Photobiology A: Chemistry, 2003, 160, 115-120. | 3.9 | 73 |
| 18 | Multicolour photochromism of TiO2 films loaded with silver nanoparticles. Nature Materials, 2003, 2, 29-31. | 27.5 | 614 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Chargeâ€“discharge behavior of TiO2â€“WO3photocatalysis systems with energy storage ability. Physical Chemistry Chemical Physics, 2003, 5, 3234-3237. | 2.8 | 98 |
| 20 | Surface diffusion behavior of photo-generated active species or holes on TiO2 photocatalysts. Physical Chemistry Chemical Physics, 2003, 5, 4764. | 2.8 | 26 |
| 21 | Mechanism and Applications of Energy Storage Photocatalyst.. Hyomen Kagaku, 2003, 24, 13-18. | 0.0 | 0 |
| 22 | Energy Storage of TiO2â^'WO3 Photocatalysis Systems in the Gas Phase. Langmuir, 2002, 18, 7777-7779. | 3.5 | 227 |
| 23 | 17Î²-Estradiol Degradation by TiO2Photocatalysis as a Means of Reducing Estrogenic Activity. Environmental Science & Technology, 2002, 36, 4175-4181. | 10.0 | 269 |
| 24 | Metal-Coated Colloidal Crystal Film as Surface-Enhanced Raman Scattering Substrateâ€. Langmuir, 2002, 18, 5043-5046. | 3.5 | 55 |
| 25 | Control of the Optical Band Structure of Liquid Crystal Infiltrated Inverse Opal by a Photoinduced Nematicâ^'Isotropic Phase Transition. Journal of the American Chemical Society, 2002, 124, 10950-10951. | 13.7 | 115 |
| 26 | SrTiO<sub>3</sub>-WO<sub>3</sub> Photocatalysis Systems with an Energy Storage Ability. Electrochemistry, 2002, 70, 460-462. | 1.4 | 23 |
| 27 | Decomposition of endocrine-disrupting chemicals in water by use of TiO2 photocatalysts immobilized on polytetrafluoroethylene mesh sheets. Journal of Photochemistry and Photobiology A: Chemistry, 2002, 151, 207-212. | 3.9 | 66 |
| 28 | Degradation of Bisphenol A in Water by TiO2Photocatalyst. Environmental Science & Technology, 2001, 35, 2365-2368. | 10.0 | 380 |
| 29 | Characterization of TiO2Photocatalysis in the Gas Phase as a Photoelectrochemical System:Â Behavior of Salt-Modified Systems. Journal of Physical Chemistry B, 2001, 105, 10016-10021. | 2.6 | 37 |
| 30 | TiO2â^'WO3 Photoelectrochemical Anticorrosion System with an Energy Storage Ability. Chemistry of Materials, 2001, 13, 2838-2842. | 6.7 | 334 |
| 31 | Self-sterilizing and self-cleaning of silicone catheters coated with TiO2 photocatalyst thin films: A preclinical work. Journal of Biomedical Materials Research Part B, 2001, 58, 97-101. | 3.1 | 137 |
| 32 | Self-sterilizing and self-cleaning of silicone catheters coated with TiO2 photocatalyst thin films: A preclinical work. , 2001, 58, 97. | | 1 |
| 33 | Kinetic Analysis of the Photocatalytic Degradation of Gas-Phase 2-Propanol under Mass Transport-Limited Conditions with a TiO2 Film Photocatalyst. Journal of Physical Chemistry B, 1998, 102, 1724-1729. | 2.6 | 169 |
| 34 | Autoxidation of Acetaldehyde Initiated by TiO2Photocatalysis under Weak UV Illumination. Journal of Physical Chemistry B, 1998, 102, 2699-2704. | 2.6 | 216 |
| 35 | Kinetics of Photocatalytic Reactions under Extremely Low-Intensity UV Illumination on Titanium Dioxide Thin Films. Journal of Physical Chemistry A, 1997, 101, 8057-8062. | 2.5 | 449 |