Yoshinari Konishi

List of Publications by Year
in descending order

31 papers	1,417 citations	567281 15 h-index	434195 31 g-index
31 all docs	31 docs citations	31 times ranked	1916 citing authors

#	Article	IF	Citations
1	Efficient Complete Oxidation of Acetaldehyde into CO2over CuBi2O4/WO3Composite Photocatalyst under Visible and UV Light Irradiation. Journal of Physical Chemistry C, 2007, 111, 7574-7577.	3.1	313
2	Highly efficient dye-sensitized solar cells composed of mesoporous titanium dioxide. Journal of Materials Chemistry, 2006, 16, 1287.	6.7	159
3	High-Throughput Screening Using Porous Photoelectrode for the Development of Visible-Light-Responsive Semiconductors. ACS Combinatorial Science, 2007, 9, 574-581.	3.3	136
4	Influence of alkylpyridine additives in electrolyte solution on the performance of dye-sensitized solar cell. Solar Energy Materials and Solar Cells, 2003, 80, 167-179.	6.2	110
5	Synthesis of single-crystal manganese dioxide nanowires by a soft chemical process. Nanotechnology, 2005, 16, 245-249.	2.6	106
6	Utilization of Titanate Nanotubes as an Electrode Material in Dye-Sensitized Solar Cells. Journal of the Electrochemical Society, 2006, 153, A1232.	2.9	95
7	Promotion effect of CuO co-catalyst on WO3-catalyzed photodegradation of organic substances. Catalysis Communications, 2008, 9, 1254-1258.	3.3	87
8	Formation of nanotubes TiO2 from layered titanate particles by a soft chemical process. Solid State Communications, 2005, 133, 493-497.	1.9	80
9	The enhancement of WO3-catalyzed photodegradation of organic substances utilizing the redox cycle of copper ions. Applied Catalysis B: Environmental, 2008, 84, 42-47.	20.2	67
10	A simple method to synthesize nanowires titanium dioxide from layered titanate particles. Chemical Physics Letters, 2004, 400, 231-234.	2.6	55
11	Utilization of Fe3+/Fe2+ Redox for the Photodegradation of Organic Substances over WO3 Photocatalyst and for H2 Production from the Electrolysis of Water. Electrochemistry, 2008, 76, 128-131.	1.4	32
12	Synthesis and characterization of nanosheet-shaped titanium dioxide. Journal of Materials Science, 2007, 42, 529-533.	3.7	31
13	Synthesis of Tubular Titanate via a Self-Assembly and Self-Removal Process. Inorganic Chemistry, 2006, 45, 5684-5690.	4.0	21
14	Supercage effect for a photochemical reaction in a flow reactor packed with mesoporous silica. Chemical Physics Letters, 2000, 328, 251-256.	2.6	19
15	Nanotube Effect on a Liquid-Phase Photoreaction in Mesoporous Silica. Journal of Physical Chemistry B, 2001, 105, 9101-9106.	2.6	18
16	Control of a Photoreaction by ESR Transition of the Intermediate Radical Pair As Evaluated by Liquid Chromatography. The Journal of Physical Chemistry, 1996, 100, 9403-9406.	2.9	10
17	A Pulse-Mode Product-Yield-Detected ESR Study on the Dynamics of Radical Pair Production in the Photoreaction of Anthraquinone in SDS Micellar Solution. The Journal of Physical Chemistry, 1994, 98, 10558-10562.	2.9	9
18	Radical pair dynamics observed with pulse-mode product-yield-detected ESR. Applied Magnetic Resonance, 1994, 7, 149-166.	1.2	8

#	Article	IF	Citations
19	Product Yield-Detected ESR Studies of Photochemical Reaction of a Bifunctional Chain Molecule. Magnetic Field and Microwave Effects*. Zeitschrift Fur Physikalische Chemie, 1993, 180, 223-233.	2.8	7
20	Radical-Pair Dynamics in the Photoreduction of Anthraquinone in Sodium Dodecyl Sulfate Micellar Solution Detected by Pulse-Mode Product-Yield-Detected Electron Spin Resonance: Temperature and Salt Dependence. The Journal of Physical Chemistry, 1995, 99, 15108-15113.	2.9	7
21	Substituent Effect on the Dynamics of Radical Pairs Produced in the Photoreduction of Anthraquinone Derivatives in SDS Micellar Solutions as Studied by Pulse-Mode Product-Yield-Detected ESR. The Journal of Physical Chemistry, 1995, 99, 12540-12544.	2.9	7
22	Photocatalytic and Antibacterial Activities over WO3 on Glass Filters. Chemistry Letters, 2010, 39, 884-885.	1.3	7
23	Control of a Photochemical Reaction by Manipulating the Electron Spins of a Transient Radical Pair as Evidenced by HPLC Analysis. Chemistry Letters, 1994, 23, 737-740.	1.3	6
24	Contribution of intersystem recombination on the lifetime of radical pair produced in photoreduction of benzophenone derivatives in SDS micelle as detected by pulse-PYESR. Applied Magnetic Resonance, 1998, 14, 131-141.	1.2	5
25	Radical pair dynamics in anionic micelles with different alkyl chain length as studied by pulse-mode product-yield-detected ESR. Applied Magnetic Resonance, 1999, 17, 597-608.	1.2	4
26	Data mining assisted by theoretical calculations for improving dye-sensitized solar cell performance. Solar Energy Materials and Solar Cells, 2007, 91, 76-78.	6.2	4
27	Flexible Dye-Sensitized Solar Cells with High Thermal Resistance Clay Films as Substrates. Electrochemistry, 2011, 79, 801-803.	1.4	4
28	Control of a photoreaction by electron spin resonance (II): The effect of radical pair lifetime on the control efficiency. Applied Magnetic Resonance, 1996, 11, 135-150.	1.2	3
29	A Pulse-Product-Yield-Detected ESR Study on the Photolysis of Nitronaphthaleneâ€“Aniline Bifunctional Chain Molecule. Bulletin of the Chemical Society of Japan, 1999, 72, 27-31.	3.2	3
30	Angulated Bi3+â€“WO3 with Significant Alkali Resistance and Efficient Photocatalytic Activity. Chemistry Letters, 2013, 42, 395-397.	1.3	2
31	H₂O₂ production on a carbon cathode loaded with a nickel carbonate catalyst and on an oxide photoanode without an external bias. RSC Advances, 2021, 11, 11224-11232.	3.6	2