

Japanese Fiscal Year	All Authors' Names, Title, Journal Name, Volume, Edition, Page, Year of Publication	DOI Code
2015	Akinobu Hayakawa, Takashi Sagawa, Improvement of device performance by using zinc oxide in hybrid organic-inorganic solar cells, Japanese Journal of Applied Physics, 55, 02BF07-1-02BF07-5, 2016	doi: 10.7567/JJAP.55.02BF07
2015	C. Wattanawikkam and W. Pecharapa, Synthesis and characterization of Zn-doped TiO ₂ nanoparticles via sonochemical method, Integrated Ferroelectrics Vol. 165, issue 1, pp. 165-173, 2015	doi: 10.1080/10584587.2015.1063928
2015	Eung-min Kim, Pipat Ruankham, Jae-hyeong Lee, Kan Hachiya, Takashi Sagawa, Ag-In-Zn-S quantum dots for hybrid organic-inorganic solar cells, Japanese Journal of Applied Physics, 55, 02BF06-1-02BF06-5, 2016	doi: 10.7567/JJAP.55.02BF06
2015	Kouichi Miura, Adsorption of Water Vapor from Ambient Atmosphere onto Coal Fines Leading to Spontaneous Heating of Coal Stockpile, Energy Fuels, 30, 1, 219-229, 2016	DOI: 10.1021/acs.energyfuels.5b02324
2015	三浦孝一, 乾燥石炭を大気にさらしたときの温度上昇の測定, 日本エネルギー学会誌, 94, 10, 1169-1172, 2015	
2016	Akinobu Hayakawa, Takashi Sagawa, Ligand effect of zinc oxide nanoparticles on photovoltaic performance of polymer hybrid solar cells, ECS Journal of Solid State Science and Technology, 5 (6), Q145-Q148, 2016	doi: 10.1149/2.0081606jss
2016	C. Luadthong, P. Khemthong, W. Nualpaeng, K. Faungnawakij, Copper ferrite spinel oxide catalysts for palm oil methanolysis, Applied Catalysis A, 525 (2016) 68-75.	
2016	Chakkaphan Wattanawikkam and Wisanu Pecharapa, "Sonochemical synthesis, characterization and photocatalytic activity of perovskite ZnTiO ₃ nanopowders", IEEE Transactions on Ultrasonics Ferroelectrics and Frequency Control, Vol. 63, Issue 10, pp. 1663-1667 (2016)	
2016	Jiraporn Payormhorm, Surawut Chuangchote, Kunlanan Kiatkittipong, Siriluk Chiarakorn, Navadol Laosiripojana, Xylitol and gluconic acid productions via photocatalytic-glucose conversion using TiO ₂ fabricated by surfactant-assisted techniques: Effects of structural and textural properties, Materials Chemistry and Physics, 196 (2017), 29-36.	Doi: 10.1016/j.matchemphys.2017.03.058
2016	Kamonchanok Rongraun, Navadol Laosiripojana, Surawut Chuangchote (2016) "Development of Photocatalytic Conversion of Glucose to Value-added Chemicals by Supported-TiO ₂ Photocatalysts," Applied Mechanics and Materials, 839, 39-43.	
2016	Kamonchanok Rongraun, Navadol Laosiripojana, Surawut Chuangchote, Development of Photocatalytic Conversion of Glucose to Value-added Chemicals by Supported-TiO ₂ Photocatalysts, Applied Mechanics and Materials, 839, 39-43, 2016	
2016	Mathana Wongaree, Siriluk Chiarakorn, Surawut Chuangchote, and Takashi Sagawa, "Photocatalytic Performance of Electrospun CNT/TiO ₂ Nanofibers in a Simulated Air Purifier under Visible Light Irradiation," Environmental Science and Pollution Research, 23, 21395-21406, 2016	doi: 10.1007/s11356-016-7348-z
2016	Navaporn Kaerkitcha, Surawut Chuangchote, and Takashi Sagawa, "Control of physical properties of carbon nanofibers obtained from coaxial electrospinning of PMMA and PAN with adjustable inner/outer nozzle-ends," Nanoscale Research Letters, 11(1), 1-9, 2016	doi: 10.1186/s11671-016-1416-7

2016	T. Suntornlohanakul, N. Sano, H. Tamon, Self-ordered nanotube formation from nickel oxide via submerged arc in water, <i>Applied Physics Express</i> 9, 076001 (2016)	10.7567/APEX.9.076001
2016	Wanichaya Mekprasart and Wisanu Pecharapa, "Transparent light-guided plates based on TiO ₂ /Rhodamine6G composite thin films", <i>Surface and Coatings Technology</i> , Vol. 306, pp. 132-139 (2016)	
2016	Witchaya Arpavate, Surawut Chuangchote, Navadol Laosiripojana, Jatuphorn Wootthikanokkhan, and Takashi Sagawa, "ZnO Nanorod Arrays Fabricated by Hydrothermal Method Using Different Thicknesses of Seed Layers for Applications in Hybrid Photovoltaic Cells," <i>Sensors and Materials</i> , 28(5), 403-408, 2016	doi:
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2017	Akinobu Hayakawa, Mayumi Yukawa, Takashi Sagawa, Stability improvement of photovoltaic performance in antimony sulfide-based hybrid solar cells, <i>ECS Journal of Solid State Science and Technology</i> , 6 (4), Q35-Q38, 2017	doi: 10.1149/2.0101704jss
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2017	Navaporn Kaerkitcha, Surawut Chuangchote, Kan Hachiya, Takashi Sagawa, "Influence of the viscosity ratio of polyacrylonitrile/poly(methyl methacrylate) solutions on core-shell fibers prepared by coaxial electrospinning," <i>Polymer Journal</i> , 49, 497-502, 2017	doi: 10.1038/pj.2017.8
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2017	Trairat Muangthong-on, Janewit Wannapeera, Hideaki Ohgaki, Kouichi Miura, Examination of Interactions of Solvent-Treated Coal with Oxygen and Water Vapor at Over 100 °C Using TG-DSC for Examining Propensity to Spontaneous Heating of the Solvent-Treated Coal <i>Energy Fuels</i> ,	DOI: 10.1021/acs.energyfuels.7b01906
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