

Ohsung Song

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Effect of the thickness of the Ru-coating on a counter electrode on the performance of a dye-sensitized solar cell. <i>Metals and Materials International</i> , 2012, 18, 105-108.	1.8	15
2	Properties of an Au/Pt bilayered counter electrode in dye sensitized solar cells. <i>Electronic Materials Letters</i> , 2014, 10, 981-984.	1.0	14
3	Formation of NiCoSix silicide by thermal annealing of Ni/Co bilayer on Si substrate. <i>Materials Science in Semiconductor Processing</i> , 2005, 8, 608-612.	1.9	13
4	Iridium catalyst based counter electrodes for dye-sensitized solar cells. <i>Current Applied Physics</i> , 2013, 13, 1620-1624.	1.1	10
5	Property of Palladium Counter Electrode for Dye Sensitized Solar Cells. <i>Journal of Korean Institute of Metals and Materials</i> , 2013, 51, 071-076.	0.4	8
6	Formation of ruthenium-dots on counter electrodes for dye sensitized solar cells. <i>Electronic Materials Letters</i> , 2014, 10, 263-266.	1.0	7
7	Properties of basalt-fiber reinforced foam glass. <i>Journal of Asian Ceramic Societies</i> , 2020, 8, 170-175.	1.0	7
8	Property of Counter Electrode with Pt and Ru Catalyst Films for Dye-Sensitized Solar Cell. <i>Journal of Korean Institute of Metals and Materials</i> , 2012, 50, 243-247.	0.4	6
9	Properties of foamed glass upon addition of polysiloxane. <i>Journal of Asian Ceramic Societies</i> , 2020, 8, 930-938.	1.0	5
10	Properties of foamed glass upon addition of nanocarbon and sintering temperatures. <i>Journal of Asian Ceramic Societies</i> , 2020, 8, 123-129.	1.0	5
11	Properties of the Nano-Thick Al/Pt or Ti/Pt Bilayered Catalytic Layer Used in Dye Sensitized Solar Cells. <i>Journal of Korean Institute of Metals and Materials</i> , 2014, 52, 61-65.	0.4	5
12	Effect of inductively coupled plasma oxidation on properties of magnetic tunnel junctions. <i>Journal of Applied Physics</i> , 2003, 93, 1146-1149.	1.1	4
13	Characterization of synthesized and treated gem diamonds. <i>Metals and Materials International</i> , 2007, 13, 427-431.	1.8	4
14	Reduction of Resistance and Annealing Effect in Ferromagnetic Tunnel Junctions.. <i>Journal of the Magnetics Society of Japan</i> , 2000, 24, 591-594.	0.4	4
15	Properties of iridium-inserted nickel silicides by thermal annealing of the Ni/Ir bilayer on silicon and polysilicon substrates. <i>Metals and Materials International</i> , 2007, 13, 229-234.	1.8	3
16	Properties of a Ru/Ti bilayered counter electrode in dye sensitized solar cells. <i>Electronic Materials Letters</i> , 2014, 10, 271-273.	1.0	3
17	Properties of Polysiloxane Coated Borosilicate Lining Blocks. <i>Journal of the Korean Ceramic Society</i> , 2017, 54, 525-529.	1.1	3
18	Property of cobalt nickel silicide by thermal annealing of Co/Ni bilayer on a silicon substrate. <i>Metals and Materials International</i> , 2006, 12, 189-192.	1.8	2

#	ARTICLE	IF	CITATIONS
19	Characterization of NiCo composite silicides by 10 nm-Ni ₅₀ Co ₅₀ alloy films with additional annealing. Metals and Materials International, 2009, 15, 285-291.	1.8	2
20	Properties of the nano-thick Pt/W bilayered catalytic layer employed dye sensitized solar cells. Electronic Materials Letters, 2014, 10, 627-630.	1.0	2
21	Study on Self-Organized Ru Dots Using ALD and Low Temperature Rapid Thermal Annealing Process. Journal of Korean Institute of Metals and Materials, 2012, 50, 557-562.	0.4	2
22	Tunnel Magnetoresistance Effect for Ni ₈₀ Fe ₂₀ /Co/N(N=Ta,Cu,Al)/Al-Oxide/Co Junctions.. Journal of the Magnetics Society of Japan, 2000, 24, 599-602.	0.4	2
23	Direct bonding of silicon paris with heterogeneous insulator using different annealing methods. Metals and Materials International, 2004, 10, 107-111.	1.8	1
24	Properties of nickel-cobalt composite silicides by thermal annealing of Ni _{1-x} Co _x (x=0.2, 0.5, and 0.8) alloy thin films on silicon and polysilicon substrates. Metals and Materials International, 2007, 13, 239-247.	1.8	1
25	MWCNT employed counter electrode for DSSCs. , 2011, , .		1
26	Effects of halide stripping with ferric ions and hydrogen peroxide oxidants for 18K gold alloys. Transactions of the Institute of Metal Finishing, 2021, 99, 121-125.	0.6	1
27	Magnon Excitation at the Interface of Co/Al/Al-Oxide/Co Tunnel Junctions.. Journal of the Magnetics Society of Japan, 2000, 24, 615-618.	0.4	1
28	Properties of the Natural and CVD Synthetic Diamonds for Identification. Journal of the Korean Ceramic Society, 2014, 51, 350-356.	1.1	1
29	Tunnel magnetoresistance with plasma oxidation time in doubly oxidized barrier process. Metals and Materials International, 2003, 9, 421-425.	1.8	0
30	Microstructure evolution of the Ir-inserted Ni silicides with additional annealing. Metals and Materials International, 2009, 15, 69-76.	1.8	0
31	Current stressing effects on the reliability of Cu pillar bump with shallow solder. , 2010, , .		0
32	High resolution TEM and 3D imaging of hybrid polymer solar cell structures. , 2011, , .		0
33	Spin dependent Transport Properties in Ferromagnetic Double Barrier Junctions.. Journal of the Magnetics Society of Japan, 2001, 25, 763-766.	0.4	0
34	Identification for the Vivid Yellow Diamonds. Journal of the Korean Ceramic Society, 2012, 49, 493-497.	1.1	0