

Do-Heyoung Kim

List of Publications by Year in descending order

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132
papers

5,711
citations

87888

38
h-index

82547

72
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134
all docs

134
docs citations

134
times ranked

7306
citing authors

#	ARTICLE	IF	CITATIONS
1	Towards flexible solid-state supercapacitors for smart and wearable electronics. <i>Chemical Society Reviews</i> , 2018, 47, 2065-2129.	38.1	1,338
2	Dendritic Nanostructured Waste Copper Wires for High-Energy Alkaline Battery. <i>Nano-Micro Letters</i> , 2020, 12, 1.	27.0	556
3	Cu ₂ O as an emerging photocathode for solar water splitting - A status review. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 21351-21378.	7.1	155
4	Synthesis of Bi ₂ S ₃ /Bi ₂ WO ₆ hierarchical microstructures for enhanced visible light driven photocatalytic degradation and photoelectrochemical sensing of ofloxacin. <i>Chemical Engineering Journal</i> , 2018, 354, 692-705.	12.7	152
5	Construction of heterojunction photoelectrode via atomic layer deposition of Fe ₂ O ₃ on Bi ₂ WO ₆ for highly efficient photoelectrochemical sensing and degradation of tetracycline. <i>Applied Catalysis B: Environmental</i> , 2019, 244, 11-24.	20.2	140
6	Efficient visible-light induced electron-transfer in z-scheme MoO ₃ /Ag/C ₃ N ₄ for excellent photocatalytic removal of antibiotics of both ofloxacin and tetracycline. <i>Chemical Engineering Journal</i> , 2020, 391, 123504.	12.7	115
7	Direct growth of FeCo ₂ O ₄ nanowire arrays on flexible stainless steel mesh for high-performance asymmetric supercapacitor. <i>NPG Asia Materials</i> , 2017, 9, e419-e419.	7.9	108
8	Z-scheme 2D/1D MoS ₂ nanosheet-decorated Ag ₂ Mo ₂ O ₇ microrods for efficient catalytic oxidation of levofloxacin. <i>Chemical Engineering Journal</i> , 2019, 373, 31-43.	12.7	104
9	Three-dimensional core-shell structured NiCo ₂ O ₄ @CoS/Ni-Foam electrocatalyst for oxygen evolution reaction and electrocatalytic oxidation of urea. <i>Chemical Engineering Journal</i> , 2020, 402, 126192.	12.7	99
10	Understanding the morphological effects of WO ₃ photocatalysts for the degradation of organic pollutants. <i>Advanced Powder Technology</i> , 2018, 29, 1591-1600.	4.1	93
11	Progress and future prospects in biochar composites: Application and reflection in the soil environment. <i>Critical Reviews in Environmental Science and Technology</i> , 2021, 51, 219-271.	12.8	93
12	Asymmetric Supercapacitors Based on Reduced Graphene Oxide with Different Polyoxometalates as Positive and Negative Electrodes. <i>ChemSusChem</i> , 2017, 10, 2742-2750.	6.8	89
13	Self-Assembled Nickel Pyrophosphate-Decorated Amorphous Bimetal Hydroxides 2D-on-2D Nanostructure for High-Energy Solid-State Asymmetric Supercapacitor. <i>Small</i> , 2019, 15, e1901145.	10.0	80
14	1D/2D constructed Bi ₂ S ₃ /Bi ₂ O ₂ CO ₃ direct Z-Scheme heterojunction: A versatile photocatalytic material for boosted photodegradation, photoreduction and photoelectrochemical detection of water-based contaminants. <i>Journal of Hazardous Materials</i> , 2021, 418, 126263.	12.4	79
15	Kinetics and mechanism of dye adsorption on WO ₃ nanoparticles. <i>Applied Surface Science</i> , 2017, 420, 472-482.	6.1	78
16	Interface-Engineered Nickel Cobaltite Nanowires through NiO Atomic Layer Deposition and Nitrogen Plasma for High-Energy, Long-Cycle-Life Foldable All-Solid-State Supercapacitors. <i>Small</i> , 2019, 15, e1803716.	10.0	75
17	Encapsulation of Co ₃ O ₄ Nanocone Arrays via Ultrathin NiO for Superior Performance Asymmetric Supercapacitors. <i>Small</i> , 2020, 16, e2005414.	10.0	75
18	Ultrathin Mesoporous RuCo ₂ O ₄ Nanoflakes: An Advanced Electrode for High-Performance Asymmetric Supercapacitors. <i>ChemSusChem</i> , 2017, 10, 1771-1782.	6.8	72

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19	Characteristics of TiO _x films prepared by chemical vapor deposition using tetrakis-dimethyl-amido-titanium and water. <i>Thin Solid Films</i> , 2006, 498, 254-258.	1.8	66
20	High mass loading of h-WO ₃ and γ -MnO ₂ on flexible carbon cloth for high-energy aqueous asymmetric supercapacitor. <i>Electrochimica Acta</i> , 2019, 299, 245-252.	5.2	61
21	Hierarchical coating of MnO ₂ nanosheets on ZnCo ₂ O ₄ nanoflakes for enhanced electrochemical performance of asymmetric supercapacitors. <i>Electrochimica Acta</i> , 2018, 271, 284-296.	5.2	57
22	Interactive Fe ₂ O ₃ /porous SiO ₂ nanospheres for photocatalytic degradation of organic pollutants: Kinetic and mechanistic approach. <i>Chemosphere</i> , 2019, 234, 596-607.	8.2	56
23	Epitaxial growth of CoSi ₂ layer on (100)Si and facet formation at the CoSi ₂ /Si interface. <i>Journal of Applied Physics</i> , 1995, 78, 1725-1730.	2.5	53
24	Preparation of nonaggregated silver nanoparticles by the liquid phase plasma reduction method. <i>Journal of Materials Research</i> , 2013, 28, 1105-1110.	2.6	53
25	Aqueous asymmetric supercapacitor based on RuO ₂ -WO ₃ electrodes. <i>Electrochimica Acta</i> , 2019, 325, 134879.	5.2	53
26	Film Growth Kinetics of Chemical Vapor Deposition of Copper from Cu ²⁺ (HFA) ⁻² . <i>Journal of the Electrochemical Society</i> , 1993, 140, 3267-3272.	2.9	52
27	Progress in Powder Coating Technology Using Atomic Layer Deposition. <i>Advanced Materials Interfaces</i> , 2018, 5, 1800581.	3.7	50
28	Heterojunction C ₃ N ₄ /MoO ₃ microcomposite for highly efficient photocatalytic oxidation of Rhodamine B. <i>Applied Surface Science</i> , 2020, 511, 145595.	6.1	50
29	Performance improvement of anode-supported electrolytes for planar solid oxide fuel cells via a tape-casting/lamination/co-firing technique. <i>Journal of Power Sources</i> , 2010, 195, 2463-2469.	7.8	49
30	Highly efficient and stable negative electrode for asymmetric supercapacitors based on graphene/FeCo ₂ O ₄ nanocomposite hybrid material. <i>Electrochimica Acta</i> , 2019, 295, 195-203.	5.2	48
31	Interface-modulated uniform outer nanolayer: A category of electrodes of nanolayer-encapsulated core-shell configuration for supercapacitors. <i>Nano Energy</i> , 2021, 81, 105667.	16.0	48
32	Fabrication of a novel Z-scheme Bi ₂ MoO ₆ /GQDs/MoS ₂ hierarchical nanocomposite for the photo-oxidation of ofloxacin and photoreduction of Cr(VI) as aqueous pollutants. <i>Chemical Engineering Journal</i> , 2022, 444, 136609.	12.7	44
33	Characteristics of atomic layer deposited TiO ₂ films and their photocatalytic activity. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2006, 24, 1535-1539.	2.1	43
34	Anti-Solvent Assisted Crystallization Processed Methylammonium Bismuth Iodide Cuboids towards Highly Stable Lead-Free Perovskite Solar Cells. <i>ChemistrySelect</i> , 2017, 2, 1578-1585.	1.5	42
35	Low Pressure Chemically Vapor Deposited Copper Films for Advanced Device Metallization. <i>Journal of the Electrochemical Society</i> , 1993, 140, 3273-3279.	2.9	41
36	Low-cost superior symmetric solid-state supercapacitors based on MWCNTs/MnO ₂ nanocomposite thin film. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2017, 80, 503-510.	5.3	40

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37	Superfast Electrodeposition of Newly Developed RuCo ₂ O ₄ Nanobelts over Low-Cost Stainless Steel Mesh for High-Performance Aqueous Supercapacitor. <i>Advanced Materials Interfaces</i> , 2018, 5, 1800283.	3.7	40
38	Hybrid material passivation approach to stabilize the silicon nanowires in aqueous electrolyte for high-energy efficient supercapacitor. <i>Chemical Engineering Journal</i> , 2019, 362, 609-618.	12.7	40
39	A hybrid biocatalyst consisting of silver nanoparticle and naphthalenethiol self-assembled monolayer prepared for anchoring glucose oxidase and its use for an enzymatic biofuel cell. <i>Applied Surface Science</i> , 2018, 429, 180-186.	6.1	38
40	Amide group anchored glucose oxidase based anodic catalysts for high performance enzymatic biofuel cell. <i>Journal of Power Sources</i> , 2017, 337, 152-158.	7.8	35
41	Improvement of paint adhesion to a polypropylene bumper by plasma treatment. <i>Journal of Adhesion Science and Technology</i> , 2001, 15, 653-664.	2.6	34
42	Diffusion barrier performance of chemically vapor deposited TiN films prepared using tetrakis(dimethylamino) titanium in the Cu/TiN/Si structure. <i>Applied Physics Letters</i> , 1996, 69, 4182-4184.	3.3	33
43	Effect of TiO ₂ rutile nanorods on the photoelectrodes of dye-sensitized solar cells. <i>Nanoscale Research Letters</i> , 2013, 8, 37.	5.7	33
44	Surface Modified Carbon Cloth via Nitrogen Plasma for Supercapacitor Applications. <i>Journal of the Electrochemical Society</i> , 2018, 165, A2446-A2450.	2.9	32
45	Surface restructuring of hematite photoanodes through ultrathin NiFeOx Catalyst: Amplified charge collection for solar water splitting and pollutant degradation. <i>Chemical Engineering Journal</i> , 2021, 422, 130137.	12.7	31
46	Strategies and implications of atomic layer deposition in photoelectrochemical water splitting: Recent advances and prospects. <i>Nano Energy</i> , 2021, 83, 105802.	16.0	30
47	Iron oxide grown by low-temperature atomic layer deposition. <i>Korean Journal of Chemical Engineering</i> , 2016, 33, 3516-3522.	2.7	29
48	Insights into the interfacial nanostructuring of NiCo ₂ S ₄ and their electrochemical activity for ultra-high capacity all-solid-state flexible asymmetric supercapacitors. <i>Journal of Colloid and Interface Science</i> , 2019, 557, 423-437.	9.4	29
49	Preparation and properties of conducting polypyrrole-sulfonated polycarbonate composites. <i>Synthetic Metals</i> , 2001, 123, 327-333.	3.9	28
50	Stability of TiN Films Prepared by Chemical Vapor Deposition Using Tetrakis(dimethylamino) Titanium. <i>Journal of the Electrochemical Society</i> , 1996, 143, L188-L190.	2.9	27
51	Polypyrrole Nanopipes as a Promising Cathode Material for Li-ion Batteries and Li-ion Capacitors: Two-in-One Approach. <i>Energy Technology</i> , 2019, 7, 193-200.	3.8	27
52	Vanadium redox flow battery working even at a high current density by the adoption of tris(hydroxymethyl) aminomethane functionalized acidified carbon nanotube catalyst. <i>Applied Surface Science</i> , 2021, 550, 148977.	6.1	27
53	Electrochemically growth-controlled honeycomb-like NiMoO ₄ nanoporous network on nickel foam and its applications in all-solid-state asymmetric supercapacitors. <i>New Journal of Chemistry</i> , 2018, 42, 14805-14816.	2.8	26
54	Constructing gold-sensitized ZnIn ₂ S ₄ microarchitectures for efficient visible light-driven photochemical oxidation and sensing of micropollutants. <i>Applied Surface Science</i> , 2019, 498, 143840.	6.1	26

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55	Improvement in performance of inverted organic solar cell by rare earth element lanthanum doped ZnO electron buffer layer. <i>Materials Chemistry and Physics</i> , 2020, 240, 122076.	4.0	26
56	Atomic layer deposition of TiO ₂ from tetrakis-dimethylamido-titanium and ozone. <i>Korean Journal of Chemical Engineering</i> , 2012, 29, 969-973.	2.7	25
57	Low Temperature Deposition of TaCN Films Using Pentakis(diethylamido)tantalum. <i>Japanese Journal of Applied Physics</i> , 1998, 37, L30-L32.	1.5	24
58	Characteristics of Tungsten Carbide Films Prepared by Plasma-Assisted ALD Using Bis(tert-butylimido)bis(dimethylamido)tungsten. <i>Journal of the Electrochemical Society</i> , 2003, 150, C740.	2.9	24
59	Improvement in performance of inverted polymer solar cells by interface engineering of ALD ZnS on ZnO electron buffer layer. <i>Applied Surface Science</i> , 2019, 481, 1442-1448.	6.1	23
60	Nucleation of copper on TiW and TiN during chemical vapor deposition. <i>Journal of Applied Physics</i> , 1993, 74, 5164-5166.	2.5	22
61	Performance of inverted organic photovoltaic cells with nitrogen doped TiO ₂ films by atomic layer deposition. <i>Korean Journal of Chemical Engineering</i> , 2018, 35, 567-573.	2.7	22
62	Highly Conductive HfN _x Films Prepared by Plasma-Assisted Atomic Layer Deposition. <i>Electrochemical and Solid-State Letters</i> , 2006, 9, C123.	2.2	21
63	Nano-Structured Nickel-Cobalt Hydroxide/Ni ₂ P ₂ O ₇ Assembly on Nickel Foam: An Outstanding Electrocatalyst for Alkaline Oxygen Evolution Reaction. <i>ChemCatChem</i> , 2019, 11, 4256-4261.	3.7	20
64	Glucose biofuel cells using the two-step reduction reaction of bienzyme structure as cathodic catalyst. <i>Journal of Industrial and Engineering Chemistry</i> , 2019, 71, 435-444.	5.8	20
65	Preparation of TiN films by plasma assisted atomic layer deposition for copper metallization. <i>Materials Science and Engineering C</i> , 2004, 24, 289-291.	7.3	19
66	Synthesis and photo-electrochemical properties of spinel-ferrite-coated hematite for solar water splitting. <i>Applied Surface Science</i> , 2018, 429, 42-47.	6.1	19
67	Three-Dimensional Hierarchical Core/shell Electrodes Using Highly Conformal TiO ₂ and Co ₃ O ₄ Thin Films for High-Performance Supercapattery Devices. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 29058-29069.	8.0	19
68	Characteristics of chemically vapor deposited TiN films prepared using tetrakis-ethylmethyl-amido-titanium. <i>Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena</i> , 1999, 17, 2197.	1.6	18
69	Fabrication of a silica ceramic membrane using the aerosol flame deposition method for pretreatment focusing on particle control during desalination. <i>Desalination</i> , 2009, 238, 53-59.	8.2	17
70	Performance of inverted polymer solar cells with randomly oriented ZnO nanorods coupled with atomic layer deposited ZnO. <i>Applied Surface Science</i> , 2017, 398, 9-14.	6.1	17
71	Enhancing Durability and Photoelectrochemical Performance of the Earth Abundant Ni-Mo/TiO ₂ /CdS/CIGS Photocathode under Various pH Conditions. <i>ChemSusChem</i> , 2018, 11, 3679-3688.	6.8	17
72	Fourier transform infrared spectroscopy studies on thermal decomposition of tetrakis-dimethyl-amido zirconium for chemical vapor deposition of ZrN. <i>Korean Journal of Chemical Engineering</i> , 2004, 21, 1256-1259.	2.7	16

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73	Highly stable inverted organic photovoltaic cells with a V2O5 hole transport layer. Korean Journal of Chemical Engineering, 2017, 34, 1504-1508.	2.7	16
74	Design of all-solid-state hybrid supercapacitor based on mesoporous CoSnO3@RGO nanorods and B-doped RGO nanosheets grown on Ni foam for energy storage devices of high energy density. Applied Surface Science, 2021, 541, 148354.	6.1	16
75	Thermal Decomposition of Tetrakis(ethylmethylamido) Titanium for Chemical Vapor Deposition of Titanium Nitride. Bulletin of the Korean Chemical Society, 2006, 27, 219-223.	1.9	16
76	Engineering the surface anatomy of an industrially durable NiCo ₂ S ₄ /NiMo ₂ S ₄ /NiO bifunctional electrode for alkaline seawater electrolysis. Journal of Materials Chemistry A, 2022, 10, 9547-9564.	10.3	15
77	Surface Roughening Strategy for Highly Efficient Bifunctional Electrocatalyst: Combination of Atomic Layer Deposition and Anion Exchange Reaction. Small Methods, 2022, 6, e2101308.	8.6	15
78	Core-shell Engineered WO ₃ Architectures: Recent Advances from Design to Applications. Small, 2022, 18, .	10.0	15
79	Improved biofilm adhesion and electrochemical properties of a graphite-cement composite with silica nanoflowers versus two benchmark carbon felts. Applied Energy, 2020, 261, 114391.	10.1	13
80	Supercapattery driven electrolyzer both empowered by the same superb electrocatalyst. Journal of Materials Chemistry A, 2021, 9, 21750-21759.	10.3	13
81	Characteristics of aluminum films prepared by metalorganic chemical vapor deposition using dimethylethylamine alane on the plasma-pretreated TiN surfaces. Korean Journal of Chemical Engineering, 2000, 17, 449-454.	2.7	12
82	Effect of N ₂ /H ₂ Plasma Treatment on the Properties of TiN Films Prepared by Chemical Vapor Deposition from TiCl ₄ and NH ₃ . Japanese Journal of Applied Physics, 1999, 38, L461-L463.	1.5	11
83	High performance inverted polymer solar cells using ultrathin atomic layer deposited TiO ₂ films. Synthetic Metals, 2015, 207, 31-34.	3.9	11
84	Improved inverted-organic-solar-cell performance via sulfur doping of ZnO films as electron buffer layer. Materials Science in Semiconductor Processing, 2019, 96, 66-72.	4.0	11
85	Influence of surfactant on the synthesis of BiOCl/WO ₃ microcomposites for enhanced adsorption in aqueous solutions. Korean Journal of Chemical Engineering, 2019, 36, 468-477.	2.7	11
86	Characteristics of NiO films prepared by atomic layer deposition using bis(ethylcyclopentadienyl)-Ni and O ₂ plasma. Korean Journal of Chemical Engineering, 2018, 35, 2474-2479.	2.7	10
87	Atomic layer deposition-triggered hierarchical core/shell stable bifunctional electrocatalysts for overall water splitting. Journal of Materials Chemistry A, 2021, 9, 21132-21141.	10.3	10
88	NiX Layered Double Hydroxide Nanowire Arrays (X = Co, Fe, and Mn) Coated with Nanometer-Thick Films of NiOOH and Then NiO as Electrodes for Supercapacitors. ACS Applied Nano Materials, 2021, 4, 7017-7027.	5.0	10
89	Conformality of Chemical-Vapor-Deposited Tungsten on TiN Prepared by Metal-organic Chemical Vapor Deposition via Cyclic Plasma Treatment. Japanese Journal of Applied Physics, 2001, 40, 265-268.	1.5	9
90	Preparation of TaN Thin Film by H ₂ Plasma Assisted Atomic Layer Deposition Using Tert-Butylimino-Tris-Ethylmethylamino Tantalum. Journal of Nanoscience and Nanotechnology, 2006, 6, 3392-3395.	0.9	9

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91	Response surface methodological approach for optimization of free fatty acid removal in feedstock. Applied Biochemistry and Biotechnology, 2007, 137-140, 583-593.	2.9	9
92	Fundamentals of Binary Metal Oxide-Based Supercapacitors. , 2017, , 79-98.		9
93	Combined effect of nano-structured NiCo ₂ S ₄ coated hematite photoanodes for efficient photoelectrochemical water oxidation. Catalysis Today, 2020, 347, 63-69.	4.4	9
94	Free-standing Ag nanoparticle-decorated MoS ₂ microflowers grown on carbon cloth for photocatalytic oxidation of Rhodamine B. Korean Journal of Chemical Engineering, 2020, 37, 2359-2367.	2.7	9
95	Multilayer Strategy for Photoelectrochemical Hydrogen Generation: New Electrode Architecture that Alleviates Multiple Bottlenecks. Nano-Micro Letters, 2022, 14, 78.	27.0	9
96	Stability of Plasma Posttreated TiN Films Prepared by Alternating Cyclic Pulses of Tetrakis-Dimethylamido-Titanium and Ammonia. Japanese Journal of Applied Physics, 2004, 43, 303-304.	1.5	8
97	Eventual loss of phosphate and compensated passivation observed in CoPi thin films for efficient water oxidation in alkaline solutions. Applied Catalysis B: Environmental, 2021, 292, 120192.	20.2	7
98	Application of Sol-Gel Processed Titanium Oxide for Inverted Polymer Solar Cells as an Electron Transport Layer. Science of Advanced Materials, 2016, 8, 75-79.	0.7	7
99	Characteristics of Polycrystalline Copper Films Made by CVD from Cu(HFA) ₂ . Materials Research Society Symposia Proceedings, 1992, 260, 107.	0.1	6
100	Morphology and Hole Filling Properties of Chemically Vapor Deposited Aluminum Films Prepared from Dimethylethylamine Alane. Journal of the Electrochemical Society, 2001, 148, C10.	2.9	6
101	Synthesis of Manganese Nanoparticles in the Liquid Phase Plasma. Journal of Nanoscience and Nanotechnology, 2013, 13, 6103-6108.	0.9	6
102	ENHANCED INTERCONNECTION OF TiO ₂ NANOPARTICLES USING ATOMIC LAYER DEPOSITION FOR FLEXIBLE DYE-SENSITIZED SOLAR CELLS WITH PLASTIC SUBSTRATES. Nano, 2014, 09, 1440011.	1.0	6
103	Investigation of bulk carrier diffusion dynamics using In^{2+} -Mn ₂ V ₂ xMoxO ₇ photoanodes in solar water splitting. Applied Surface Science, 2021, 540, 148376.	6.1	6
104	NUCLEATION REACTIONS AND FILM GROWTH OF COPPER ON TiN USING HEXAFLUOROACETYLACETONATE COPPER(II) TRIMETHYLVINYLSILANE. Chemical Engineering Communications, 1996, 152-153, 307-317.	2.6	4
105	Comparison Study for TiN Films Deposited from Different Method: Chemical Vapor Deposition and Atomic Layer Deposition. Materials Research Society Symposia Proceedings, 2001, 672, 1.	0.1	4
106	Mesoporous Titania as a Support of Gallium-Based Catalysts for Enhanced Ethane Dehydrogenation Performance. Catalysis Letters, 2021, 151, 2748-2761.	2.6	4
107	Effect of Randomly Grown Morphology of ZnO Nanorods in Inverted Organic Solar Cells. Journal of Nanoscience and Nanotechnology, 2020, 20, 4414-4418.	0.9	4
108	Dry Sol-Gel Polycondensation of Hydrosilanes to Organosilicas Catalyzed by Colloidal Nickel Nanoparticles. Journal of Nanoscience and Nanotechnology, 2007, 7, 3964-3968.	0.9	3

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109	One-Pot Synthesis and Characterization of Silver/Polyphenylsilane Hybrid Nanocomposites. Journal of Nanoscience and Nanotechnology, 2008, 8, 5311-5315.	0.9	3
110	Properties of chemically vapor deposited blanket tungsten films on tin glue layers prepared by chemical vapor deposition. Metals and Materials International, 2000, 6, 577-581.	0.2	2
111	Analysis and removal of the stench emitted from indoor dust. Korean Journal of Chemical Engineering, 2010, 27, 531-535.	2.7	2
112	Synthesis and Characterization of Poly(alkoxysilane)s Catalyzed by Co/Ni Colloidal Nanoparticles. Journal of Nanoscience and Nanotechnology, 2010, 10, 3696-3699.	0.9	2
113	Response Surface Methodological Approach for Optimization of Free Fatty Acid Removal in Feedstock. , 2007, , 583-593.		2
114	Preparation of Antimony Films by Cyclic Pulsed Chemical Vapor Deposition. Journal of Nanoscience and Nanotechnology, 2008, 8, 4972-4975.	0.9	1
115	Synthesis of Carbon Containing TiO ₂ Nano Powders by Aerosol Flame Deposition for Photocatalyst. Journal of Nanoscience and Nanotechnology, 2008, 8, 4603-4606.	0.9	1
116	Efficient Preparation and Characterization of Silver-Polyphenylsilane Nanocomposites. Journal of Nanoscience and Nanotechnology, 2010, 10, 3691-3695.	0.9	1
117	Characteristics of Ge-Sb-Te Films Prepared by Cyclic Pulsed Plasma-Enhanced Chemical Vapor Deposition. Journal of Nanoscience and Nanotechnology, 2010, 10, 3354-3356.	0.9	1
118	Rapid Synthesis and Characterization of Silver Nanoparticle/Bis(4-phenolpropyl)silicone Composites by Platinum. Journal of Nanoscience and Nanotechnology, 2011, 11, 7374-7377.	0.9	1
119	Efficient Synthesis and Structural Characterization of Silver Nanoparticle/Bis(o-phenolpropyl)silicone Composites. Journal of Nanoscience and Nanotechnology, 2011, 11, 1593-1596.	0.9	1
120	Fabrication of Hybrid Photovoltaic Cell Using Atomic Layer Deposited TiO ₂ Thin Film on CuPc Layer. Journal of Biomedical Nanotechnology, 2006, 2, 161-164.	1.1	1
121	Tungsten Nitride Films Grown via Reaction of Bis(tertbutylimido)bis(ethylmethylamido) Tungsten and Ammonia. Science of Advanced Materials, 2016, 8, 107-110.	0.7	1
122	Preparation of WO ₃ Films by CVD and their Application in Electrochromic Devices. Korean Chemical Engineering Research, 2011, 49, 405-410.	0.2	1
123	Low Temperature Deposition of Tacn Films Using Pentakis(Diethylamido)Tantalum. Materials Research Society Symposia Proceedings, 1996, 427, 349.	0.1	0
124	Microstructure and Texture of Electrodeposited Cu on TiN Thin Films without a Cu Seed Layer. Materials Science Forum, 2002, 408-412, 1597-1602.	0.3	0
125	Dry Sol-Gel Condensation of p-X-C ₆ H ₄ SiH ₃ (X=H, CH ₃ , CH ₃ O, F, Cl) to Organosilica p-X-C ₆ H ₄ SiO ₃ Using Nickelocene. Journal of Nanoscience and Nanotechnology, 2006, 6, 3388-3391.	0.9	0
126	Catalytic Si-Si-O Dehydrocoupling of 1,1-Dihydrotetraphenylsilole to Optoelectronic Polysiloles with Colloidal Silver Nanoparticles. Journal of Nanoscience and Nanotechnology, 2007, 7, 3926-3931.	0.9	0

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127	<l>A Special Section on</l> 2008 International Conference on Nanoscience and Nanotechnology (GJ-NST 2008). Journal of Nanoscience and Nanotechnology, 2010, 10, 3162-3164.	0.9	0
128	Effect of Deposition Temperature on the Characteristics of HfN<SUB></SUB> Thin Films Prepared by Plasma Assisted Cyclic Chemical Vapor Deposition. Journal of Nanoscience and Nanotechnology, 2010, 10, 3463-3466.	0.9	0
129	Facile Synthesis and Characterization of Silver Nanoparticle/Bis(<l></l>-phenolpropyl)Silicone Composites Using a Gold Catalyst. Journal of Nanoscience and Nanotechnology, 2013, 13, 638-642.	0.9	0
130	Electrical Properties of Ta(Si)N Films Prepared by Atomic Layer Deposition from Tert-Butylimido-Tris-Diethylamido Tantalum, Silane and Hydrogen Plasma. Journal of Nanoscience and Nanotechnology, 2013, 13, 4097-4100.	0.9	0
131	Metal Organic Chemical Vapor Deposition Characteristics of Germanium Precursors. Korean Journal of Materials Research, 2008, 18, 302-306.	0.2	0
132	MCARE 2017. Applied Surface Science, 2018, 429, 1.	6.1	0