

Hideki Nakajima

List of Publications by Year in descending order

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118
papers

1,511
citations

430874

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395702

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all docs

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docs citations

118
times ranked

2142
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | A practical carbon dioxide gas sensor using room-temperature hydrogen plasma reduced graphene oxide. <i>Sensors and Actuators B: Chemical</i> , 2014, 193, 692-700. | 7.8 | 248 |
| 2 | Ultrasensitive Hydrogen Sensor Based on Pt-Decorated WO ₃ Nanorods Prepared by Glancing-Angle dc Magnetron Sputtering. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 22051-22060. | 8.0 | 116 |
| 3 | Facile synthesis of a Ag/MoS ₂ nanocomposite photocatalyst for enhanced visible-light driven hydrogen gas evolution. <i>Catalysis Science and Technology</i> , 2015, 5, 4133-4143. | 4.1 | 95 |
| 4 | Adsorptive, kinetics and regeneration studies of fluoride removal from water using zirconium-based metal organic frameworks. <i>RSC Advances</i> , 2020, 10, 18740-18752. | 3.6 | 84 |
| 5 | Half-metallic density of states in Sr ₂ FeMoO ₆ due to Hund's rule coupling. <i>Physical Review B</i> , 2002, 66, . | 3.2 | 83 |
| 6 | Acetylene carbon black-graphite composite as low-cost and efficient counter electrode for dye-sensitized solar cells (DSSCs). <i>Ionics</i> , 2019, 25, 5585-5593. | 2.4 | 28 |
| 7 | Enhancing the sensitivity of a surface plasmon resonance-based optical sensor for zinc ion detection by the modification of a gold thin film. <i>RSC Advances</i> , 2019, 9, 41729-41736. | 3.6 | 26 |
| 8 | X-ray Photoelectron Spectroscopy Analysis of Chitosan-Graphene Oxide-Based Composite Thin Films for Potential Optical Sensing Applications. <i>Polymers</i> , 2021, 13, 478. | 4.5 | 26 |
| 9 | Enhanced properties of low-cost carbon black-graphite counter electrode in DSSC by incorporating binders. <i>Solar Energy</i> , 2021, 225, 237-244. | 6.1 | 26 |
| 10 | Anomalous change in dielectric constant of CaCu ₃ Ti ₄ O ₁₂ under violet-to-ultraviolet irradiation. <i>Applied Physics Letters</i> , 2013, 102, . | 3.3 | 25 |
| 11 | Oblique angle deposition of nanocolumnar TiZrN films via reactive magnetron co-sputtering technique: The influence of the Zr target powers. <i>Current Applied Physics</i> , 2019, 19, 894-901. | 2.4 | 25 |
| 12 | Enhanced performance of CH ₃ NH ₃ PbI ₃ -based perovskite solar cells by tuning the electrical and structural properties of mesoporous TiO ₂ layer via Al and Mg doping. <i>Solar Energy</i> , 2019, 177, 374-381. | 6.1 | 24 |
| 13 | Plasmonic silver sandwich structured photoanode and reflective counter electrode enhancing power conversion efficiency of dye-sensitized solar cell. <i>Solar Energy</i> , 2021, 215, 403-409. | 6.1 | 24 |
| 14 | Multiple resistive switching behaviours of CH ₃ NH ₃ PbI ₃ perovskite film with different metal electrodes. <i>Applied Surface Science</i> , 2019, 473, 194-202. | 6.1 | 22 |
| 15 | Effects of different exchanging ions on the band structure and photocatalytic activity of defect pyrochlore oxide: a case study on KNbTeO ₆ . <i>Catalysis Science and Technology</i> , 2020, 10, 978-992. | 4.1 | 21 |
| 16 | Morphology-controlled fabrication of nanostructured WO ₃ thin films by magnetron sputtering with glancing angle deposition for enhanced efficiency photo-electrochemical water splitting. <i>Ceramics International</i> , 2021, 47, 34455-34462. | 4.8 | 20 |
| 17 | The dynamics of ultraviolet-induced oxygen vacancy at the surface of insulating SrTiO ₃ (0 0 1). <i>Applied Surface Science</i> , 2015, 355, 210-212. | 6.1 | 19 |
| 18 | Structural analysis of amorphous carbon films by spectroscopic ellipsometry, RBS/ERDA, and NEXAFS. <i>Applied Physics Letters</i> , 2017, 110, . | 3.3 | 19 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Photoemission Spectroscopy and Photoemission Electron Microscopy Beamline at the Siam Photon Laboratory. <i>Journal of Physics: Conference Series</i> , 2013, 425, 132020. | 0.4 | 18 |
| 20 | The effect of carbon contamination and argon ion sputtering on the work function of chlorinated indium tin oxide. <i>Current Applied Physics</i> , 2014, 14, 472-475. | 2.4 | 16 |
| 21 | Electrical properties of $(\text{Cs}_{1-x}\text{Ax})\text{Al}_0.33\text{Te}_{1.67}\text{O}_6$ ($\text{A}=\text{K}$ and Rb) mixed valence pyrochlores. <i>Journal of Alloys and Compounds</i> , 2017, 718, 215-222. | 5.5 | 16 |
| 22 | Unusual electron-doping effects in $\text{Sr}_{2-x}\text{La}_x\text{FeMoO}_6$ observed by photoemission spectroscopy. <i>Physical Review B</i> , 2005, 72, . | 3.2 | 15 |
| 23 | Enhancement of the work function of indium tin oxide by surface modification using caesium fluoride. <i>Journal Physics D: Applied Physics</i> , 2013, 46, 475102. | 2.8 | 15 |
| 24 | Determination of energy levels at the interface between O_2 plasma treated ITO/P3HT/PCBM and PEDOT:PSS/P3HT/PCBM using angular-resolved x-ray and ultraviolet photoelectron spectroscopy. <i>Journal Physics D: Applied Physics</i> , 2014, 47, 055109. | | 15 |
| 25 | Study of Synchrotron Radiation Near-Edge X-Ray Absorption Fine-Structure of Amorphous Hydrogenated Carbon Films at Various Thicknesses. <i>Journal of Nanomaterials</i> , 2015, 2015, 1-7. | 2.7 | 15 |
| 26 | Investigation into the Gaussian density of states widths of organic semiconductors. <i>Journal Physics D: Applied Physics</i> , 2016, 49, 325106. | 2.8 | 14 |
| 27 | Work function modification of PEDOT:PSS by mixing with barium acetylacetonate. <i>RSC Advances</i> , 2020, 10, 17673-17680. | 3.6 | 13 |
| 28 | Interfacial behavior of resistive switching in ITO/PVK/Al WORM memory devices. <i>Journal Physics D: Applied Physics</i> , 2016, 49, 075104. | 2.8 | 11 |
| 29 | Spectroscopic studies of plasma-modified silver-exchanged zeolite and chitosan composites. <i>Materials Chemistry and Physics</i> , 2020, 250, 122980. | 4.0 | 11 |
| 30 | Phase Evolution in Lead-Free Cs-Doped FASn_3 Hybrid Perovskites and Optical Properties. <i>Journal of Physical Chemistry C</i> , 2021, 125, 16903-16912. | 3.1 | 11 |
| 31 | Characterization broadband omnidirectional antireflection ITO nanorod films coating. <i>Optical Materials</i> , 2021, 121, 111545. | 3.6 | 11 |
| 32 | Design of the first undulator beamline for the Siam Photon Laboratory. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2007, 582, 100-102. | 1.6 | 10 |
| 33 | Crucial role of reactive pulse-gas on a sputtered Zn_3N_2 thin film formation. <i>RSC Advances</i> , 2016, 6, 94905-94910. | 3.6 | 10 |
| 34 | Spectroscopic study on amorphous tantalum oxynitride thin films prepared by reactive gas-timing RF magnetron sputtering. <i>Applied Surface Science</i> , 2019, 492, 99-107. | 6.1 | 10 |
| 35 | Grafting of acrylic acid onto microwave plasma-treated polytetrafluoroethylene (PTFE) substrates. <i>Japanese Journal of Applied Physics</i> , 2019, 58, SAAC02. | 1.5 | 10 |
| 36 | Improvement of MAPbI_3 perovskite blend with TiO_2 nanoparticles as ReRAM device. <i>Ceramics International</i> , 2020, 46, 29041-29051. | 4.8 | 10 |

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|----|---|-----|-----------|
| 37 | Electrical fatigue behavior of Ba _{0.85} Ca _{0.15} Zr _{0.1} Ti _{0.9} O ₃ ceramics under different oxygen concentrations. <i>Journal of the European Ceramic Society</i> , 2021, 41, 2497-2505. | 5.7 | 10 |
| 38 | Electrical Conduction Properties of Hydrogenated Amorphous Carbon Films with Different Structures. <i>Materials</i> , 2021, 14, 2355. | 2.9 | 10 |
| 39 | Mesostructural study on graphenic-based carbon prepared from coconut shells by heat treatment and liquid exfoliation. <i>Heliyon</i> , 2022, 8, e09032. | 3.2 | 10 |
| 40 | Electron affinity study of adamantane on Si(111). <i>Applied Surface Science</i> , 2009, 256, 934-936. | 6.1 | 9 |
| 41 | High efficiency solution processed fluorescent yellow organic light-emitting diode through fluorinated alcohol treatment at the emissive layer/cathode interface. <i>Journal Physics D: Applied Physics</i> , 2014, 47, 015106. | 2.8 | 9 |
| 42 | XPS and XAS preliminary studies of diamond-like carbon films prepared by HiPIMS technique. <i>Journal of Physics: Conference Series</i> , 2018, 1144, 012048. | 0.4 | 9 |
| 43 | Observations of the initial stages on reactive gas-timing sputtered TaO thin films by dynamic in situ spectroscopic ellipsometry. <i>Optical Materials</i> , 2019, 92, 223-232. | 3.6 | 9 |
| 44 | Controlled growth of silver nanoparticles on indium tin oxide substrates by plasma-assisted hot-filament evaporation: Physical properties, composition, and electronic structure. <i>Thin Solid Films</i> , 2020, 693, 137686. | 1.8 | 9 |
| 45 | Particle size dependence of the electrochemical properties of SrMnO ₃ supercapacitor electrodes. <i>Journal of Solid State Electrochemistry</i> , 2021, 25, 1121-1129. | 2.5 | 9 |
| 46 | Synchrotron-based spectroscopic analysis of diamond-like carbon films from different source gases. <i>Radiation Physics and Chemistry</i> , 2020, 173, 108944. | 2.8 | 9 |
| 47 | Electrostatic model of the energy-bending within organic semiconductors: experiment and simulation. <i>Journal of Physics Condensed Matter</i> , 2016, 28, 365002. | 1.8 | 8 |
| 48 | Surface composition of MAPb(I-xBr _{1-x}) ₃ (0 ≤ x ≤ 1) organic-inorganic mixed-halide perovskites. <i>Applied Surface Science</i> , 2019, 479, 311-317. | 6.1 | 8 |
| 49 | Facile fabrication and optical characterization of nanoflake aluminum oxide film with high broadband and omnidirectional transmittance enhancement. <i>Optical Materials</i> , 2021, 111, 110567. | 3.6 | 8 |
| 50 | Low-temperature growth of graphene nanoplatelets by hot-wire chemical vapour deposition. <i>Surface and Coatings Technology</i> , 2021, 411, 126995. | 4.8 | 8 |
| 51 | Electronic structure of Sr _{2-x} LaxFeMoO ₆ . <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2005, 144-147, 601-603. | 1.7 | 7 |
| 52 | Commissioning of the soft x-ray undulator beamline at the Siam Photon Laboratory. <i>AIP Conference Proceedings</i> , 2016, . . | 0.4 | 7 |
| 53 | Structural Analysis and Electrical Properties of Amorphous Carbon Thin Films. <i>Materials Science Forum</i> , 2019, 966, 66-71. | 0.3 | 7 |
| 54 | Novel ZnO nanostructures on Philippine natural zeolite (PNZ) framework designed via thermal decomposition process of solution-based ZnCl ₂ precursor. <i>Materials Research Express</i> , 2019, 6, 015005. | 1.6 | 7 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 55 | Spectroscopic signature of negative electronic compressibility from the Ti core-level of titanium carbonitride MXene. <i>Applied Physics Reviews</i> , 2021, 8, . | 11.3 | 7 |
| 56 | Work function alteration of the porous indium tin oxide nanorods film by electron beam irradiation technique. <i>Radiation Physics and Chemistry</i> , 2021, 188, 109664. | 2.8 | 7 |
| 57 | Graphite/Carbon Black Counter Electrode Deposition Methods to Improve the Efficiency and Stability of Hole-Transport-Layer-Free Perovskite Solar Cells. <i>ACS Omega</i> , 2022, 7, 22830-22838. | 3.5 | 7 |
| 58 | Oxidation of Zn in UHV environment at low temperature. <i>Applied Surface Science</i> , 2012, 258, 1955-1957. | 6.1 | 6 |
| 59 | Chemical modification of B4C cap layers on Pd/B4C multilayers. <i>Applied Surface Science</i> , 2016, 367, 347-353. | 6.1 | 6 |
| 60 | Influence of different morphology of carbon nanostructures on the structural and optical properties of decorated single crystalline hematite nanocubes for photoelectrochemical applications. <i>Applied Surface Science</i> , 2019, 498, 143845. | 6.1 | 6 |
| 61 | Structural, chemical and electronic differences between bare and nitrogen-doped carbon nanoparticles. <i>Carbon Letters</i> , 2019, 29, 255-262. | 5.9 | 6 |
| 62 | Thermal decomposition and structural variation by heating on hydrogenated amorphous carbon films. <i>Diamond and Related Materials</i> , 2020, 101, 107609. | 3.9 | 6 |
| 63 | Influence of RF power and CH ₄ flow rate on properties of diamond-like carbon films deposited by PECVD technique. <i>Radiation Physics and Chemistry</i> , 2020, 176, 109073. | 2.8 | 6 |
| 64 | Improvement of dye-sensitized solar cell performance through introducing TiO ₂ in acetylene carbon black-graphite composite electrode. <i>Thin Solid Films</i> , 2020, 706, 138042. | 1.8 | 6 |
| 65 | Ligand-Stabilized ZnO Quantum Dots: Molecular Dynamics and Experimental Study. <i>Australian Journal of Chemistry</i> , 2017, 70, 1110. | 0.9 | 5 |
| 66 | Doping and energy band modulation of nanoporous electrodes for enhancing power conversion efficiency of dye-sensitized solar cells. <i>Materials Research Bulletin</i> , 2017, 95, 436-443. | 5.2 | 5 |
| 67 | Energy level alignment of blended organic semiconductors and electrodes at the interface. <i>Current Applied Physics</i> , 2018, 18, 982-992. | 2.4 | 5 |
| 68 | Electronic band structure and conduction mechanism of mixed valence T_{e}^{2+} | 3.2 | 5 |
| 69 | Interplay of negative electronic compressibility and capacitance enhancement in lightly-doped metal oxide Bi _{0.95} La _{0.05} FeO ₃ by quantum capacitance model. <i>Scientific Reports</i> , 2020, 10, 5153. | 3.3 | 5 |
| 70 | Hydrolysis corrosion of alumina thin films produced by pulse DC reactive magnetron sputtering at various operating pressures. <i>Ceramics International</i> , 2021, 47, 9691-9700. | 4.8 | 5 |
| 71 | Enhanced N719 Dye Adsorption onto Ca and La Doped Mesoporous TiO ₂ Anodes for Dye-Sensitized Solar Cells. <i>Journal of Electronic Materials</i> , 2021, 50, 5788-5795. | 2.2 | 5 |
| 72 | Photoenhanced Water Electrolysis in Separate O ₂ and H ₂ Cells Using Pseudocapacitive Electrodes. <i>ACS Omega</i> , 2021, 6, 19647-19655. | 3.5 | 5 |

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|----|---|-----|-----------|
| 73 | Performance of the BL4 Beamline for Surface and Interface Research at the Siam Photon Laboratory. AIP Conference Proceedings, 2007, , . | 0.4 | 4 |
| 74 | Electronic and Magnetic Structures in O/Cr(001) Surface from Angle-Resolved Photoemission Spectroscopy. Journal of the Physical Society of Japan, 2010, 79, 104710. | 1.6 | 4 |
| 75 | Low-Temperature Processed TiO _x /Zn _{1-x} Cd _x S Nanocomposite for Efficient MAPbI ₃ Perovskite and PCDTBT:PC70BM Polymer Solar Cells. Polymers, 2019, 11, 980. | 4.5 | 4 |
| 76 | Optimized shell thickness of NiSi/SiC core-shell nanowires grown by hot-wire chemical vapour deposition for supercapacitor applications. Thin Solid Films, 2020, 716, 138430. | 1.8 | 4 |
| 77 | Photoelectrochemical behavior of Si nanostructures grown by chemical vapor deposition using waste-biomass sources. Journal of Solid State Chemistry, 2021, 300, 122254. | 2.9 | 4 |
| 78 | Tin(II) thiocyanate Sn(SCN) ₂ as an ultrathin anode interlayer in organic photovoltaics. Applied Physics Letters, 2021, 119, 063301. | 3.3 | 4 |
| 79 | Low Pressure DC-Plasma System for the Modification of Polymeric Membrane Surfaces. Sains Malaysiana, 2017, 46, 783-793. | 0.5 | 4 |
| 80 | Self-depositing passivation layer investigations on stability improvement of the Ag NRs SERS substrate. Vacuum, 2022, 196, 110734. | 3.5 | 4 |
| 81 | REINVESTIGATION OF THE ELECTRONIC STRUCTURE AND FERROMAGNETISM OF THE NONRECONSTRUCTED Cr(001) 1 Å–1 SURFACE. Surface Review and Letters, 2002, 09, 861-864. | 1.1 | 3 |
| 82 | In situ monitoring of ZnO formation by photoemission spectroscopy. Applied Surface Science, 2009, 256, 980-983. | 6.1 | 3 |
| 83 | Highly efficient processable molybdenum trioxide as a hole blocking interlayer for super-yellow organic light emitting diode. Journal Physics D: Applied Physics, 2016, 49, 395105. | 2.8 | 3 |
| 84 | Synchrotron radiation x-ray photoelectron spectroscopic study of CdTe-in structures formed by laser-induced doping technique. AIP Conference Proceedings, 2018, , . | 0.4 | 3 |
| 85 | Conformational distortion in solution processable PVK:TcTa blends and the effect on extra warm white organic phosphorescent light emitting diodes. Organic Electronics, 2019, 74, 1-6. | 2.6 | 3 |
| 86 | Synchrotron-based NEXAFS analysis of thermal-treated diamond-like carbon films. Radiation Physics and Chemistry, 2020, 175, 108271. | 2.8 | 3 |
| 87 | The influence of ¹³ C-irradiation on nitrogen configuration in nitrogen-doped single-walled carbon nanotubes. Diamond and Related Materials, 2020, 101, 107569. | 3.9 | 3 |
| 88 | Effect of surface contamination on XANES analysis of DLC films. Radiation Physics and Chemistry, 2020, 171, 108752. | 2.8 | 3 |
| 89 | Fabrication of DNA/NiSi NWs and Ag NPs-NiSi NWs-based Schottky diodes for DNA detection with fast response time. Journal of Materials Science: Materials in Electronics, 2021, 32, 7889-7905. | 2.2 | 3 |
| 90 | Ultraviolet-induced oxygen vacancy in SrTiO ₃ polycrystalline. Applied Physics Letters, 2021, 118, 221602. | 3.3 | 3 |

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|-----|---|-----|-----------|
| 91 | Facile synthesis and electrochemical characterization of novel metal oxide/Philippine natural zeolite (MOPNZ) nanocomposites. <i>Materials Letters</i> , 2021, 294, 129799. | 2.6 | 3 |
| 92 | Effects of Oxygen Partial Pressure and Substrate Temperature on the Structure and Morphology of Sc and Y Co-Doped ZrO ₂ Solid Electrolyte Thin Films Prepared via Pulsed Laser Deposition. <i>Materials</i> , 2022, 15, 410. | 2.9 | 3 |
| 93 | Surface energy bands of p(1Å–1)Cr(100) and p(1Å–1)O/Cr(100). <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2005, 144-147, 409-412. | 1.7 | 2 |
| 94 | MeV ion exposure behaviour of PMMA resist polymer studied by synchrotron light spectroscopies. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2017, 404, 238-242. | 1.4 | 2 |
| 95 | Enhanced ferromagnetism in mechanically exfoliated CVD-carbon films prepared by using adamantane as precursor. <i>Applied Physics Letters</i> , 2018, 112, . | 3.3 | 2 |
| 96 | Structural and morphological dataset for rf-sputtered WC-Co thin films using synchrotron radiation methods. <i>Data in Brief</i> , 2019, 25, 104383. | 1.0 | 2 |
| 97 | Diamond-like carbon films prepared by high power impulse magnetron sputtering. <i>Materials Today: Proceedings</i> , 2019, 17, 1549-1554. | 1.8 | 2 |
| 98 | Philippine natural zeolite surface engineered with CuO nanowires via a one-step thermal decomposition route. <i>Journal of the Australian Ceramic Society</i> , 2020, 56, 803-809. | 1.9 | 2 |
| 99 | Structural Analysis of Boron- and Nitrogen-Doped Amorphous Carbon Films from Bio-Product. <i>Key Engineering Materials</i> , 0, 860, 190-195. | 0.4 | 2 |
| 100 | Influence of nanometric microstructural development on thermophysical properties of lanthanum-doped strontium titanate. <i>Materials Chemistry and Physics</i> , 2021, 270, 124867. | 4.0 | 2 |
| 101 | The final state interaction in 3p→3d resonance excitation of Ni(111). <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2005, 144-147, 569-571. | 1.7 | 1 |
| 102 | MVV super Costerâ€“Kronig spectra of nickel near the excitation threshold. <i>Journal of Physics Condensed Matter</i> , 2005, 17, 7029-7052. | 1.8 | 1 |
| 103 | Angle-Resolved Photoemission Study of Electronic States in Ni(111) Surface with Oxygen Adsorption. <i>Journal of the Physical Society of Japan</i> , 2007, 76, 114702. | 1.6 | 1 |
| 104 | Electronic Structure and Magnetic Anisotropy in Ni/Cu(001) from Angle-Resolved Photoemission Spectroscopy. <i>Journal of the Physical Society of Japan</i> , 2011, 80, 064706. | 1.6 | 1 |
| 105 | A Comparative Investigation of a Pentacene Layer on Gold and PMMA in Bottom-Contact Pentacene Thin Film Transistors. <i>Advanced Materials Research</i> , 2013, 802, 27-31. | 0.3 | 1 |
| 106 | Laser Doped Layer in CdTe Diode Detectors Revealed by Synchrotron XPS. , 2018, , . | | 1 |
| 107 | Preparation of low-temperature phase MnBi by sintering in vacuum. <i>Journal of Physics: Conference Series</i> , 2021, 1719, 012057. | 0.4 | 1 |
| 108 | Possibility of doping nitrogen into single-walled carbon nanotubes by $\hat{\gamma}^3$ -irradiated N ₂ molecules. <i>Radiation Physics and Chemistry</i> , 2021, 186, 109524. | 2.8 | 1 |

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|-----|---|-----|-----------|
| 109 | Preferential vertically oriented nanopillar perovskite induced by poly(9-vinylcarbazole) field-effect transistor. <i>Synthetic Metals</i> , 2021, 281, 116901. | 3.9 | 1 |
| 110 | The Commissioning Results of the First Beamline at the Siam Photon Laboratory. <i>AIP Conference Proceedings</i> , 2004, , . | 0.4 | 0 |
| 111 | Angle-resolved photoemission spectroscopy measurements on (1 $\bar{1}$ –1) and (5 $\bar{1}$ –1) Pt(100). <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2005, 144-147, 613-615. | 1.7 | 0 |
| 112 | Final state interaction observed in M2,3VV Auger profile of Cu(110). <i>Journal of Physics Condensed Matter</i> , 2009, 21, 055007. | 1.8 | 0 |
| 113 | High efficiency solution processable organic light emitting diode through materials and interfacial engineering. , 2016, , . | | 0 |
| 114 | Spectroscopic Analyses of Sputtered Aluminum Oxide Films with Oxygen Plasma Treatments. <i>Materials Science Forum</i> , 2019, 947, 96-100. | 0.3 | 0 |
| 115 | Electronic surface, optical and electrical properties of p μ GaN activated via in-situ MOCVD and ex-situ thermal annealing in InGaN/GaN LED. <i>Materials Science in Semiconductor Processing</i> , 2020, 106, 104757. | 4.0 | 0 |
| 116 | Experimental data of four-point probe, scanning electron microscopy, and near-edge X-ray fine structure of titanium (IV) isopropoxide and zirconium (IV) dioxide binders incorporated carbon-based counter electrode for dye-sensitized solar cells. <i>Data in Brief</i> , 2021, 39, 107487. | 1.0 | 0 |
| 117 | Electronic and Thermoelectric Properties of Graphene on 4H-SiC (0001) Nanofacets Functionalized with F4-TCNQ. <i>Journal of Electronic Materials</i> , 2020, 49, 6872-6880. | 2.2 | 0 |
| 118 | The Investigation of SiO ₂ structure obtained from the combustion of rice husk. <i>IOP Conference Series: Materials Science and Engineering</i> , 0, 965, 012014. | 0.6 | 0 |