

Regan G Wilks

List of Publications by Year in descending order

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docs citations

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times ranked

4501
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Improved performance of Ge ²⁺ -alloyed CZTGeS ₂ thin-film solar cells through control of elemental losses. Progress in Photovoltaics: Research and Applications, 2015, 23, 376-384. | 8.1 | 186 |
| 2 | Cliff-like conduction band offset and KCN-induced recombination barrier enhancement at the CdS/Cu ₂ ZnSnS ₄ thin-film solar cell heterojunction. Applied Physics Letters, 2011, 99, . | 3.3 | 181 |
| 3 | Observation and Mediation of the Presence of Metallic Lead in Organic-Inorganic Perovskite Films. ACS Applied Materials & Interfaces, 2015, 7, 13440-13444. | 8.0 | 167 |
| 4 | Potassium Postdeposition Treatment-Induced Band Gap Widening at Cu(In,Ga)Se ₂ Surfaces – Reason for Performance Leap?. ACS Applied Materials & Interfaces, 2015, 7, 27414-27420. | 8.0 | 147 |
| 5 | Oxygen x-ray emission and absorption spectra as a probe of the electronic structure of strongly correlated oxides. Physical Review B, 2008, 77, . | 3.2 | 139 |
| 6 | The Doping Mechanism of Halide Perovskite Unveiled by Alkaline Earth Metals. Journal of the American Chemical Society, 2020, 142, 2364-2374. | 13.7 | 132 |
| 7 | Heavy Alkali Treatment of Cu(In,Ga)Se ₂ Solar Cells: Surface versus Bulk Effects. Advanced Energy Materials, 2020, 10, 1903752. | 19.5 | 107 |
| 8 | Direct observation of an inhomogeneous chlorine distribution in CH ₃ NH ₃ Pb ₃ xCl _x layers: surface depletion and interface enrichment. Energy and Environmental Science, 2015, 8, 1609-1615. | 30.8 | 97 |
| 9 | Formation of a ¹¹¹ In ²⁺ Se Surface Species by NaF/KF Postdeposition Treatment of Cu(In,Ga)Se ₂ Thin-Film Solar Cell Absorbers. ACS Applied Materials & Interfaces, 2017, 9, 3581-3589. | 8.0 | 94 |
| 10 | Band gaps and electronic structure of alkaline-earth and post-transition-metal oxides. Physical Review B, 2010, 81, . | 3.2 | 78 |
| 11 | Fluoride Chemistry in Tin Halide Perovskites. Angewandte Chemie - International Edition, 2021, 60, 21583-21591. | 13.8 | 68 |
| 12 | Nuclear dynamics and spectator effects in resonant inelastic soft x-ray scattering of gas-phase water molecules. Journal of Chemical Physics, 2012, 136, 144311. | 3.0 | 66 |
| 13 | Electronic structure of $\text{BiM}_4\text{O}_{12}$ and related oxides. Physical Review B, 2010, 81, . | 3.2 | 64 |
| 14 | Electronic structure of boron nitride single crystals and films. Physical Review B, 2005, 72, . | 3.2 | 52 |
| 15 | Unveiling the Hybrid n-Si/PEDOT:PSS Interface. ACS Applied Materials & Interfaces, 2016, 8, 8841-8848. | 8.0 | 47 |
| 16 | X-ray spectra and electronic structures of the iron arsenide superconductors $\text{R}_x\text{FeAsO}_{4-x}$ | | |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 19 | Substituent Effects in the Iron 2p and Carbon 1s Edge Near-Edge X-ray Absorption Fine Structure (NEXAFS) Spectroscopy of Ferrocene Compounds. <i>Journal of Physical Chemistry A</i> , 2008, 112, 624-634. | 2.5 | 33 |
| 20 | Perovskite solar cells: Danger from within. <i>Nature Energy</i> , 2017, 2, . | 39.5 | 33 |
| 21 | Characterization of Sulfur Bonding in CdS:O Buffer Layers for CdTe-based Thin-Film Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 16382-16386. | 8.0 | 32 |
| 22 | Sn Substitution by Ge: Strategies to Overcome the Open-Circuit Voltage Deficit of Kesterite Solar Cells. <i>ACS Applied Energy Materials</i> , 2020, 3, 5830-5839. | 5.1 | 32 |
| 23 | Electronic structure of Cu ₂ ZnSnS ₄ probed by soft x-ray emission and absorption spectroscopy. <i>Physical Review B</i> , 2011, 84, . | 3.2 | 31 |
| 24 | ZnSe/CdS Interlayer Formation at the CdS/Cu ₂ ZnSnSe ₄ Thin-Film Solar Cell Interface. <i>ACS Energy Letters</i> , 2017, 2, 1632-1640. | 17.4 | 31 |
| 25 | Hard x-ray photoelectron spectroscopy study of the buried Si/ZnO thin-film solar cell interface: Direct evidence for the formation of SiO at the expense of Zn-O bonds. <i>Applied Physics Letters</i> , 2011, 99, . | 3.3 | 28 |
| 26 | Na incorporation into Cu(In,Ga)Se ₂ thin-film solar cell absorbers deposited on polyimide: Impact on the chemical and electronic surface structure. <i>Journal of Applied Physics</i> , 2012, 111, . | 2.5 | 28 |
| 27 | Preparation and in-system study of SnCl ₂ precursor layers: towards vacuum-based synthesis of Pb-free perovskites. <i>RSC Advances</i> , 2018, 8, 67-73. | 3.6 | 26 |
| 28 | Combined X-ray Absorption Spectroscopy and Density Functional Theory Examination of Ferrocene-Labeled Peptides. <i>Journal of Physical Chemistry B</i> , 2006, 110, 5955-5965. | 2.6 | 25 |
| 29 | Evidence for Chemical and Electronic Nonuniformities in the Formation of the Interface of RbF-Treated Cu(In,Ga)Se ₂ with CdS. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 44173-44180. | 8.0 | 25 |
| 30 | Comparative Theoretical and Experimental Study of the Radiation-Induced Decomposition of Glycine. <i>Journal of Physical Chemistry A</i> , 2009, 113, 5360-5366. | 2.5 | 24 |
| 31 | Building Block Picture of the Electronic Structure of Aqueous Cysteine Derived from Resonant Inelastic Soft X-ray Scattering. <i>Journal of Physical Chemistry B</i> , 2014, 118, 13142-13150. | 2.6 | 24 |
| 32 | X-ray irradiation induced effects on the chemical and electronic properties of MoO ₃ thin films. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2016, 212, 50-55. | 1.7 | 23 |
| 33 | Impact of Annealing-Induced Intermixing on the Electronic Level Alignment at the In ₂ S ₃ /Cu(In,Ga)Se ₂ Thin-Film Solar Cell Interface. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 2120-2124. | 8.0 | 23 |
| 34 | The isotype ZnO/SiC heterojunction prepared by molecular beam epitaxy: A chemical inert interface with significant band discontinuities. <i>Scientific Reports</i> , 2016, 6, 23106. | 3.3 | 22 |
| 35 | Exciton-Dominated Core-Level Absorption Spectra of Hybrid Organic-Inorganic Lead Halide Perovskites. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 1852-1858. | 4.6 | 22 |
| 36 | Improving performance by Na doping of a buffer layer: chemical and electronic structure of the In _x S _y :Na/CuIn(S,Se) ₂ thin-film solar cell interface. <i>Progress in Photovoltaics: Research and Applications</i> , 2018, 26, 359-366. | 8.1 | 20 |

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|----|--|------|-----------|
| 37 | Tunability of MoO ₃ Thin-Film Properties Due to Annealing in Situ Monitored by Hard X-ray Photoemission. ACS Omega, 2019, 4, 10985-10990. | 3.5 | 20 |
| 38 | Site-specific electronic structure of imidazole and imidazolium in aqueous solutions. Physical Chemistry Chemical Physics, 2018, 20, 8302-8310. | 2.8 | 19 |
| 39 | Wide band gap kesterite absorbers for thin film solar cells: potential and challenges for their deployment in tandem devices. Sustainable Energy and Fuels, 2019, 3, 2246-2259. | 4.9 | 19 |
| 40 | Soft x-ray emission spectroscopy studies of the electronic structure of silicon supersaturated with sulfur. Applied Physics Letters, 2011, 99, 142102. | 3.3 | 18 |
| 41 | Cu ₂ S Surface Phases and Their Impact on the Electronic Structure of CuInS ₂ Thin Films – A Hidden Parameter in Solar Cell Optimization. Advanced Energy Materials, 2013, 3, 777-781. | 19.5 | 18 |
| 42 | NEXAFS studies of copper phthaloyanine on Ge(001) and Ge(111) surfaces. Physica Status Solidi (B): Basic Research, 2009, 246, 1546-1551. | 1.5 | 17 |
| 43 | Annealing-Induced Effects on the Chemical Structure of the In ₂ S ₃ /CuIn(S,Se) ₂ Thin-Film Solar Cell Interface. Journal of Physical Chemistry C, 2015, 119, 10412-10416. | 3.1 | 17 |
| 44 | Active and Stable Nickel-Based Electrocatalysts Based on the ZnO:Ni System for Water Oxidation in Alkaline Media. ChemCatChem, 2017, 9, 672-676. | 3.7 | 17 |
| 45 | CdS/Low-Band-Gap Kesterite Thin-Film Solar Cell Absorber Heterojunction: Energy Level Alignment and Dominant Recombination Process. ACS Applied Energy Materials, 2018, 1, 475-482. | 5.1 | 17 |
| 46 | Isotope Effects in the Resonant Inelastic Soft X-ray Scattering Maps of Gas-Phase Methanol. Journal of Physical Chemistry A, 2016, 120, 2260-2267. | 2.5 | 16 |
| 47 | Charge transfer and band gap of ferrocene intercalated into TiSe ₂ . Chemical Physics Letters, 2010, 497, 187-190. | 2.6 | 14 |
| 48 | Cu ₂ ZnSnS ₄ thin-film solar cell absorbers illuminated by soft x-rays. Journal of Materials Research, 2012, 27, 1097-1104. | 2.6 | 14 |
| 49 | Doped microcrystalline silicon oxide alloys for silicon-based photovoltaics: Optoelectronic properties, chemical composition, and structure studied by advanced characterization techniques. Physica Status Solidi (A) Applications and Materials Science, 2016, 213, 1814-1820. | 1.8 | 14 |
| 50 | Energy Level Alignment and Cation Charge States at the LaFeO ₃ /LaMnO ₃ (001) Heterointerface. Advanced Materials Interfaces, 2017, 4, 1700183. | 3.7 | 14 |
| 51 | X-ray Emission Spectroscopy of Proteinogenic Amino Acids at All Relevant Absorption Edges. Journal of Physical Chemistry B, 2017, 121, 6549-6556. | 2.6 | 14 |
| 52 | Chemical Interaction at the MoO ₃ /CH ₃ NH ₃ PbCl ₃ Interface. ACS Applied Materials & Interfaces, 2021, 13, 17085-17092. | 8.0 | 13 |
| 53 | The silicon/zinc oxide interface in amorphous silicon-based thin-film solar cells: Understanding an empirically optimized contact. Applied Physics Letters, 2013, 103, . | 3.3 | 12 |
| 54 | Setup for in situ investigation of gases and gas/solid interfaces by soft x-ray emission and absorption spectroscopy. Review of Scientific Instruments, 2014, 85, 015119. | 1.3 | 12 |

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|----|--|-----|-----------|
| 55 | NaF/RbF-Treated Cu(In,Ga)Se ₂ Thin-Film Solar Cell Absorbers: Distinct Surface Modifications Caused by Two Different Types of Rubidium Chemistry. ACS Applied Materials & Interfaces, 2020, 12, 34941-34948. | 8.0 | 12 |
| 56 | Dynamic Effects and Hydrogen Bonding in Mixed-Halide Perovskite Solar Cell Absorbers. Journal of Physical Chemistry Letters, 2021, 12, 3885-3890. | 4.6 | 12 |
| 57 | Impact of solid-phase crystallization of amorphous silicon on the chemical structure of the buried Si/ZnO thin film solar cell interface. Applied Physics Letters, 2010, 97, 072105. | 3.3 | 11 |
| 58 | Wild band edges: The role of bandgap grading and band-edge fluctuations in high-efficiency chalcogenide devices. , 2016, , . | | 11 |
| 59 | Spatially Resolved Insight into the Chemical and Electronic Structure of Solution-Processed Perovskites-Why to (Not) Worry about Pinholes. Advanced Materials Interfaces, 2018, 5, 1701420. | 3.7 | 11 |
| 60 | Advanced characterization and in-situ growth monitoring of Cu(In,Ga)Se ₂ thin films and solar cells. Solar Energy, 2018, 170, 102-112. | 6.1 | 11 |
| 61 | Experimental and Theoretical Investigation of the Electronic Structure of 5-Fluorouracil Compounds. Journal of Physical Chemistry B, 2006, 110, 18180-18190. | 2.6 | 10 |
| 62 | Non-equivalent carbon atoms in the resonant inelastic soft X-ray scattering map of cysteine. Journal of Chemical Physics, 2013, 138, 034306. | 3.0 | 10 |
| 63 | Local electronic structure of the peptide bond probed by resonant inelastic soft X-ray scattering. Physical Chemistry Chemical Physics, 2019, 21, 13207-13214. | 2.8 | 10 |
| 64 | Unipolar-to-Ambipolar Conversion of Organic Thin-Film Transistors by Organosilane Self-Assembled Monolayer. Journal of Physical Chemistry B, 2008, 112, 16266-16270. | 2.6 | 9 |
| 65 | The complex interface chemistry of thin-film silicon/zinc oxide solar cell structures. Physical Chemistry Chemical Physics, 2014, 16, 26266-26272. | 2.8 | 9 |
| 66 | NaF/KF post-deposition treatments and their influence on the structure of Cu(In,Ga)Se ₂ thin film solar cell absorbers. Journal of Applied Physics, 2010, 107, 043702. | | 9 |
| 67 | Alkali Postdeposition Treatment-Induced Changes of the Chemical and Electronic Structure of Cu(In,Ga)Se ₂ Thin-Film Solar Cell Absorbers: A First-Principle Perspective. ACS Applied Materials & Interfaces, 2019, 11, 3024-3033. | 8.0 | 9 |
| 68 | Oxidation induced restructuring of Rh-Ga SCALMS model catalyst systems. Journal of Chemical Physics, 2020, 153, 104702. | 3.0 | 9 |
| 69 | Monitoring the Sodiation Mechanism of Anatase TiO ₂ Nanoparticle-Based Electrodes for Sodium-Ion Batteries by Operando XANES Measurements. ACS Applied Energy Materials, 2021, 4, 164-175. | 5.1 | 9 |
| 70 | Characterization of oxide layers formed on electrochemically treated Ti by using soft X-ray absorption measurements. Journal of Electron Spectroscopy and Related Phenomena, 2009, 169, 46-50. | 1.7 | 8 |
| 71 | In-system photoelectron spectroscopy study of tin oxide layers produced from tetrakis(dimethylamino)tin by plasma enhanced atomic layer deposition. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2018, 36, . | 2.1 | 8 |
| 72 | Hard X-ray photoelectron spectroscopy study of core level shifts at buried GaP/Si(001) interfaces. Surface and Interface Analysis, 2020, 52, 933-938. | 1.8 | 8 |

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|----|--|------|-----------|
| 73 | Utilizing the unique charge extraction properties of antimony tin oxide nanoparticles for efficient and stable organic photovoltaics. <i>Nano Energy</i> , 2021, 89, 106373. | 16.0 | 8 |
| 74 | Excited states in yttrium orthovanadate YVO ₄ measured by soft X-ray absorption spectroscopy. <i>Journal of Materials Science</i> , 2013, 48, 6437-6444. | 3.7 | 7 |
| 75 | Soft X-rays shedding light on thin-film solar cell surfaces and interfaces. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2013, 190, 47-53. | 1.7 | 7 |
| 76 | Pronounced Surface Band Bending of Thin-Film Silicon Revealed by Modeling Core Levels Probed with Hard X-rays. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 17685-17693. | 8.0 | 7 |
| 77 | In-Situ Probing of H ₂ O Effects on a Ru-Complex Adsorbed on TiO ₂ Using Ambient Pressure Photoelectron Spectroscopy. <i>Topics in Catalysis</i> , 2016, 59, 583-590. | 2.8 | 7 |
| 78 | Resonantly excited cascade x-ray emission from La. <i>Physical Review B</i> , 2005, 72, . | 3.2 | 6 |
| 79 | Chemical interaction at the buried silicon/zinc oxide thin-film solar cell interface as revealed by hard X-ray photoelectron spectroscopy. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2013, 190, 309-313. | 1.7 | 6 |
| 80 | Near-Surface [Ga]/([In]+[Ga]) Composition in Cu(In,Ga)Se ₂ Thin-Film Solar Cell Absorbers: An Overlooked Material Feature. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2019, 216, 1800856. | 1.8 | 6 |
| 81 | Origin of Interface Limitation in Zn(O,S)/CuInS ₂ -Based Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 9676-9684. | 8.0 | 6 |
| 82 | Ion irradiation induced reduction of Fe ³⁺ to Fe ²⁺ and Fe ⁰ in triethoxysilane films. <i>Journal of Physics Condensed Matter</i> , 2005, 17, 7023-7028. | 1.8 | 5 |
| 83 | Energy band structure and X-ray spectra of phenakite Be ₂ SiO ₄ . <i>Physics of the Solid State</i> , 2008, 50, 615-620. | 0.6 | 5 |
| 84 | Correlation effects in Ni ^{3d} states of LaNiPO. <i>Physical Review B</i> , 2010, 81, . | 3.2 | 5 |
| 85 | Microstructure of vanadium-based contacts on n-type GaN. <i>Journal Physics D: Applied Physics</i> , 2012, 45, 105401. | 2.8 | 5 |
| 86 | The chemical structure of the ZnO/SiC heterointerface as revealed by electron spectroscopies. <i>Journal Physics D: Applied Physics</i> , 2015, 48, 305304. | 2.8 | 5 |
| 87 | Polycapillary-boosted instrument performance in the extreme ultraviolet regime for inverse photoemission spectroscopy. <i>Optics Express</i> , 2017, 25, 31840. | 3.4 | 5 |
| 88 | Selenization of CuInS ₂ by rapid thermal processing – an alternative approach to induce a band gap grading in chalcopyrite thin-film solar cell absorbers?. <i>Journal of Materials Chemistry A</i> , 2019, 7, 2087-2094. | 10.3 | 5 |
| 89 | Interface Formation between CdS and Alkali Postdeposition-Treated Cu(In,Ga)Se ₂ Thin-Film Solar Cell Absorbers – Key To Understanding the Efficiency Gain. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 6688-6698. | 8.0 | 5 |
| 90 | Fluoridchemie in Zinn-Halogenid-Perowskiten. <i>Angewandte Chemie</i> , 2021, 133, 21753-21762. | 2.0 | 5 |

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| 91 | Band bending at heterovalent interfaces: Hard X-ray photoelectron spectroscopy of GaP/Si(0001) heterostructures. <i>Applied Surface Science</i> , 2021, 565, 150514. | 6.1 | 5 |
| 92 | Prospect of making XPS a high-throughput analytical method illustrated for a Cu _x Ni _{1-x} O _y combinatorial material library. <i>RSC Advances</i> , 2022, 12, 7996-8002. | 3.6 | 5 |
| 93 | An x-ray emission and density functional theory study of the electronic structure of Zn _{1-x} Mn _x S. <i>Journal of Physics Condensed Matter</i> , 2006, 18, 10405-10412. | 1.8 | 4 |
| 94 | X-ray emission and photoluminescence spectroscopy of nanostructured silica with implanted copper ions. <i>Physics of the Solid State</i> , 2008, 50, 2322-2326. | 0.6 | 4 |
| 95 | Characterization of chemically treated titanium using soft X-ray fluorescence. <i>Materials Science and Engineering C</i> , 2009, 29, 136-139. | 7.3 | 4 |
| 96 | A spectrum deconvolution method based on grey relational analysis. <i>Results in Physics</i> , 2021, 23, 104031. | 4.1 | 4 |
| 97 | Determining the sp ² /sp ³ bonding concentrations of carbon films using X-ray absorption spectroscopy. <i>Canadian Journal of Physics</i> , 2008, 86, 1401-1407. | 1.1 | 3 |
| 98 | Intergrain variations of the chemical and electronic surface structure of polycrystalline Cu(In,Ga)Se ₂ thin-film solar cell absorbers. <i>Applied Physics Letters</i> , 2012, 101, . | 3.3 | 3 |
| 99 | The heavily intermixed In ₂ S ₃ /Cu(In,Ga)Se ₂ thin-film solar cell absorbers: X-ray photoelectron spectroscopy. , 2013, , . | | 3 |
| 100 | Impact of annealing on the chemical structure and morphology of the thin-film CdTe/ZnO interface. <i>Journal of Applied Physics</i> , 2014, 116, 024312. | 2.5 | 3 |
| 101 | Molecular orientation and optical luminescence properties of soluble star shaped oligothiophene molecules for organic electronic applications. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2011, 184, 355-359. | 1.7 | 2 |
| 102 | Surface Off-Stoichiometry of CuInS ₂ Thin-Film Solar Cell Absorbers. <i>IEEE Journal of Photovoltaics</i> , 2013, 3, 828-832. | 2.5 | 2 |
| 103 | Lateral inhomogeneity of the Mg/(Zn+Mg) composition at the (Zn,Mg)O/CuIn(S,Se) ₂ thin-film solar cell interface revealed by photoemission electron microscopy. <i>Journal of Applied Physics</i> , 2013, 113, 193709. | 2.5 | 2 |
| 104 | The Pb(Zr _{0.2} ,Ti _{0.8})O ₃ /ZnO/GaN Ferroelectric-Semiconductor Heterostructure: Insight into the Interfacial Energy Level Alignments. <i>Advanced Materials Interfaces</i> , 2020, 7, 2000201. | 3.7 | 2 |
| 105 | Local Environment of Fluorine Atoms in Sr ₂ Ca _n Ca _{1-n} Cu _n O _{2+n} F _{2±y} (n = 2, 3) High-Temperature Superconductors Grown under High Pressure. <i>Physics of the Solid State</i> , 2005, 47, 1211. | 0.6 | 1 |
| 106 | X-ray spectra and electronic structure of Sc and Ti dihydrides. <i>Journal of Physics Condensed Matter</i> , 2008, 20, 335224. | 1.8 | 1 |
| 107 | p-Type a-Si:H/ZnO:Al and n-Si:H/ZnO:Al thin-film solar cell structures: A comparative hard X-ray photoelectron spectroscopy study. , 2012, , . | | 1 |
| 108 | Fast electron dynamics in vanadates measured by resonant inelastic x-ray scattering. <i>Materials Letters</i> , 2013, 107, 144-146. | 2.6 | 1 |

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|-----|---|-----|-----------|
| 109 | p-Type a-Si:H/ZnO:Al and c-Si:H/ZnO:Al thin-film solar cell structures; A comparative hard X-ray photoelectron spectroscopy study. , 2013, , . | | 1 |
| 110 | Photoinduced phase segregation and degradation of perovskites revealed by x-ray photoelectron spectroscopy. , 2019, , . | | 1 |
| 111 | Hard x-ray photoelectron spectroscopy at a soft x-ray source: Present and future perspectives of hard x-ray photoelectron spectroscopy at BESSY II. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2021, 39, . | 2.1 | 1 |
| 112 | Identification of Impurity Phases in $\text{Cu}_2\text{ZnSnS}_4$ Thin-film Solar Cell Absorber Material by Soft X-ray Absorption Spectroscopy. Materials Research Society Symposia Proceedings, 2011, 1324, 91. | 0.1 | 0 |
| 113 | CdCl_2 activation-induced chemical interaction at the CdTe/ZnO thin-film solar cell interface. , 2011, , . | | 0 |
| 114 | Surface modification of polycrystalline Cu(In, Ga)Se_2 thin-film solar cell absorber surfaces for PEEM measurements. , 2011, , . | | 0 |
| 115 | Surface off-stoichiometry of CuInS_2 thin-film solar cell absorbers. , 2012, , . | | 0 |
| 116 | Surface off-stoichiometry of CuInS_2 thin-film solar cell absorbers. , 2013, , . | | 0 |
| 117 | Microcrystalline silicon oxides for silicon-based solar cells: impact of the O/Si ratio on the electronic structure. , 2014, , . | | 0 |
| 118 | Unraveling the Impact of Combined NaF/RbF Postdeposition Treatments on the Deeply Buried $\text{Cu(In,Ga)Se}_2/\text{Mo}$ Thin-Film Solar Cell Interface. Advanced Energy and Sustainability Research, 0, , 2100101. | 5.8 | 0 |
| 119 | InnenrÄ¼cktitelbild: Fluoridchemie in Zinn-Halogenid-Perowskiten (Angew. Chem. 39/2021). Angewandte Chemie, 2021, 133, 21763-21763. | 2.0 | 0 |