

Gunther Andersson

List of Publications by Year in descending order

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167
papers

4,814
citations

136950
32
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133252
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174
all docs

174
docs citations

174
times ranked

6761
citing authors

#	ARTICLE	IF	CITATIONS
1	Using surface grafted poly(acrylamide) to simultaneously enhance the tensile strength, tensile modulus, and interfacial adhesion of carbon fibres in epoxy composites. Carbon, 2022, 186, 367-379.	10.3	24
2	Surface modification of carbon fiber as a protective strategy against thermal degradation. Composites Part A: Applied Science and Manufacturing, 2022, 153, 106740.	7.6	6
3	Carbon reinforced carbon fibers: Using surface modification as a route to enhanced physical performance. Composites Science and Technology, 2022, 218, 109217.	7.8	11
4	Sliding silicon-based Schottky diodes: Maximizing triboelectricity with surface chemistry. Nano Energy, 2022, 93, 106861.	16.0	15
5	Size-â€Controlled Nanosculpture of Cylindrical Pores across Multilayer Graphene via Photocatalytic Perforation. Advanced Materials Interfaces, 2022, 9, .	3.7	4
6	Mixed Surface Chemistry on Carbon Fibers to Promote Adhesion in Epoxy and PMMA Polymers. Industrial & Engineering Chemistry Research, 2022, 61, 1615-1623.	3.7	5
7	Suppression of phosphine-protected Au₉ cluster agglomeration on SrTiO₃ particles using a chromium hydroxide layer. Materials Advances, 2022, 3, 3620-3630.	5.4	6
8	Introducing neat fullerenes to improve the thermal stability of slot-die coated organic solar cells. Materials Advances, 2022, 3, 2838-2849.	5.4	1
9	Surface Passivation of Sputtered NiO_x Using a SAM Interface Layer to Enhance the Performance of Perovskite Solar Cells. ACS Omega, 2022, 7, 12147-12157.	3.5	38
10	A Review of State of the Art in Phosphine Ligated Gold Clusters and Application in Catalysis. Advanced Science, 2022, 9, e2105692.	11.2	39
11	Factors Influencing Catalytic Activity of Size-Specific Triphenylphosphine-Ligated Gold Nanoclusters in the Electrocatalytic Hydrogen Evolution Reaction. Journal of Physical Chemistry C, 2022, 126, 246-260.	3.1	12
12	Understanding specific ion effects and the Hofmeister series. Physical Chemistry Chemical Physics, 2022, 24, 12682-12718.	2.8	101
13	Sensitization of TiO2 nanoarrays by a novel palladium decorated naphthalene diimide functionalized graphene nanoribbons for enhanced photoelectrochemical water splitting. Materials Today Chemistry, 2022, 24, 100900.	3.5	6
14	Highly active platinum single-atom catalyst grafted onto 3D carbon cloth support for the electrocatalytic hydrogen evolution reaction. Applied Surface Science, 2022, 595, 153480.	6.1	10
15	Above 23% Efficiency by Binary Surface Passivation of Perovskite Solar Cells Using Guanidinium and Octylammonium Spacer Cations. Solar Rrl, 2022, 6, .	5.8	22
16	Dissimilar weld failure: A forensic analysis to determine primary failure mechanisms. Engineering Failure Analysis, 2022, 139, 106453.	4.0	1
17	Ion specificity in the measured concentration depth profile of ions at the Vapor-Glycerol interface. Journal of Colloid and Interface Science, 2022, 626, 687-699.	9.4	5
18	Multifunctional polymeric surface coatings of carbon fibre electrodes for enhanced energy storage performance. Chemical Engineering Journal, 2022, 447, 137560.	12.7	7

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19	Utilization of green reductant Thuja Orientalis for reduction of GO to RGO. <i>Ceramics International</i> , 2021, 47, 14862-14878.	4.8	17
20	The Importance of Schottky Barrier Height in Plasmonically Enhanced Hot-Electron Devices. <i>Advanced Optical Materials</i> , 2021, 9, 2001121.	7.3	7
21	Composition and properties of RF-sputter deposited titanium dioxide thin films. <i>Nanoscale Advances</i> , 2021, 3, 1077-1086.	4.6	18
22	Influence of TiO ₂ surface defects on the adsorption of N719 dye molecules. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 22160-22173.	2.8	0
23	The interaction of size-selected Ru ₃ clusters with RF-deposited TiO ₂ : probing Ru-CO binding sites with CO-temperature programmed desorption. <i>Nanoscale Advances</i> , 2021, 3, 3537-3553.	4.6	4
24	Carbonisation of a polymer made from sulfur and canola oil. <i>Chemical Communications</i> , 2021, 57, 6296-6299.	4.1	13
25	Efficient and stable wide bandgap perovskite solar cells through surface passivation with long alkyl chain organic cations. <i>Journal of Materials Chemistry A</i> , 2021, 9, 18454-18465.	10.3	32
26	Optical Properties of the Atomically Precise C_{40} Core $[\text{Au}_{90}(\text{PPh}_3)_8]^{3+}$ Cluster Probed by Transient Absorption Spectroscopy and Time-Dependent Density Functional Theory. <i>Journal of Physical Chemistry C</i> , 2021, 125, 2033-2044.	3.1	8
27	Au ₁₀₁ -rGO nanocomposite: immobilization of phosphine-protected gold nanoclusters on reduced graphene oxide without aggregation. <i>Nanoscale Advances</i> , 2021, 3, 1422-1430.	4.6	10
28	Improving the effects of plasma polymerization on carbon fiber using a surface modification pretreatment. <i>Composites Part A: Applied Science and Manufacturing</i> , 2021, 143, 106319.	7.6	31
29	Innenteilbild: Creation of High-Performance Heterogeneous Photocatalysts by Controlling Ligand Desorption and Particle Size of Gold Nanocluster (<i>Angew. Chem.</i> 39/2021). <i>Angewandte Chemie</i> , 2021, 133, 21242-21242.	2.0	0
30	Creation of High-Performance Heterogeneous Photocatalysts by Controlling Ligand Desorption and Particle Size of Gold Nanocluster. <i>Angewandte Chemie</i> , 2021, 133, 21510-21520.	2.0	12
31	Creation of High-Performance Heterogeneous Photocatalysts by Controlling Ligand Desorption and Particle Size of Gold Nanocluster. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 21340-21350.	13.8	74
32	Combined Bulk and Surface Passivation in Dimensionally Engineered 2D-3D Perovskite Films via Chlorine Diffusion. <i>Advanced Functional Materials</i> , 2021, 31, 2104251.	14.9	37
33	Chemical degradation in Thermally Cycled Stainless Steel 316 with High-Temperature Phase Change Material. <i>Solar Energy Materials and Solar Cells</i> , 2021, 230, 111216.	6.2	4
34	Unraveling the influence of CsCl/MACl on the formation of nanotwins, stacking faults and cubic supercell structure in FA-based perovskite solar cells. <i>Nano Energy</i> , 2021, 87, 106226.	16.0	27
35	Investigation of the Diffusion of Cr ₂ O ₃ into Different Phases of TiO ₂ upon Annealing. <i>ACS Applied Energy Materials</i> , 2021, 4, 322-330.	5.1	13
36	Cr ₂ O ₃ layer inhibits agglomeration of phosphine-protected Au ₉ clusters on TiO ₂ films. <i>Journal of Chemical Physics</i> , 2021, 155, 164702.	3.0	4

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37	Cyclic Copper Uptake and Release from Natural Seawater—A Fully Sustainable Antifouling Technique to Prevent Marine Growth. <i>Environmental Science & Technology</i> , 2021, 55, 757-766.	10.0	6
38	Double-Sided Surface Passivation of 3D Perovskite Film for High-Efficiency Mixed-Dimensional Perovskite Solar Cells. <i>Advanced Functional Materials</i> , 2020, 30, 1907962.	14.9	130
39	Metal Clusters on Semiconductor Surfaces and Application in Catalysis with a Focus on Au and Ru. <i>Advanced Materials</i> , 2020, 32, e1904122.	21.0	24
40	Mechanism of Organic Solar Cell Performance Degradation upon Thermal Annealing of MoO _x . <i>ACS Applied Energy Materials</i> , 2020, 3, 366-376.	5.1	19
41	Tuning the surface energy density of non-stoichiometric LaCoO ₃ perovskite for enhanced water oxidation. <i>Journal of Power Sources</i> , 2020, 478, 228748.	7.8	33
42	In Situ Formation of Mixed-Dimensional Surface Passivation Layers in Perovskite Solar Cells with Dual-Isoomer Alkylammonium Cations. <i>Small</i> , 2020, 16, e2005022.	10.0	34
43	Solid cyclooctatetraene-based triplet quencher demonstrating excellent suppression of singlet-triplet annihilation in optical and electrical excitation. <i>Nature Communications</i> , 2020, 11, 5623.	12.8	31
44	Sub-monolayer Au ₉ cluster formation via pulsed nozzle cluster deposition. <i>Nanoscale Advances</i> , 2020, 2, 4051-4061.	4.6	1
45	2D/3D heterostructure of h-BN/reduced graphite oxide as a remarkable electrode Material for supercapacitor. <i>Journal of Power Sources</i> , 2020, 479, 229092.	7.8	34
46	Water/Ethanol Soluble p-Type Conjugated Polymers for the Use in Organic Photovoltaics. <i>Frontiers in Materials</i> , 2020, 7, .	2.4	6
47	Highly Stable Indacenodithieno[3,2-b]thiophene-Based Donor-Acceptor Copolymers for Hybrid Electrochromic and Energy Storage Applications. <i>Macromolecules</i> , 2020, 53, 11106-11119.	4.8	31
48	On the Growth of Evaporated NaF on Phenyl-C61-butyric Acid Methyl Ester and Poly(3-hexylthiophene). <i>Journal of Physical Chemistry C</i> , 2020, 124, 15140-15151.	3.1	2
49	Efficient Passivation and Low Resistivity for p ⁺ -Si/TiO ₂ Contact by Atomic Layer Deposition. <i>ACS Applied Energy Materials</i> , 2020, 3, 6291-6301.	5.1	5
50	CO oxidation on Pt based binary and ternary alloy nanocatalysts: Reaction pathways and electronic descriptor. <i>Applied Surface Science</i> , 2020, 528, 146964.	6.1	14
51	Experimental Depth Profiles of Surfactants, Ions, and Solvent at the Angstrom Scale: Studies of Cationic and Anionic Surfactants and Their Salting Out. <i>Journal of Physical Chemistry B</i> , 2020, 124, 2218-2229.	2.6	18
52	Porous PEI Coating for Copper Ion Storage and Its Controlled Electrochemical Release. <i>Advanced Sustainable Systems</i> , 2020, 4, 1900123.	5.3	9
53	High Efficiency Perovskite-Silicon Tandem Solar Cells: Effect of Surface Coating versus Bulk Incorporation of 2D Perovskite. <i>Advanced Energy Materials</i> , 2020, 10, 1903553.	19.5	110
54	Competing Segregation of Br ⁺ and Cl ⁺ to a Surface Coated with a Cationic Surfactant: Direct Measurements of Ion and Solvent Depth Profiles. <i>Journal of Physical Chemistry A</i> , 2020, 124, 11102-11110.	2.5	7

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55	The effect of TiCl ₄ treatment on the performance of dye-sensitized solar cells. Journal of Chemical Physics, 2019, 151, 164704.	3.0	13
56	Investigating the Structure of Self-Assembled Monolayers Related to Biological Cell Membranes. Langmuir, 2019, 35, 14213-14221.	3.5	11
57	Broadening of van Hove Singularities Measured by Photoemission Spectroscopy of Single- and Mixed-Chirality Single-Walled Carbon Nanotubes. Journal of Physical Chemistry C, 2019, 123, 26683-26694.	3.1	4
58	Ultralow surface energy self-assembled monolayers of iodo-perfluorinated alkanes on silica driven by halogen bonding. Nanoscale, 2019, 11, 2401-2411.	5.6	8
59	Morphological changes of sintered polydopamine coatings. Surface Topography: Metrology and Properties, 2019, 7, 015016.	1.6	6
60	Investigation of Phosphine Ligand Protected Au ₁₃ Clusters on Defect Rich Titania. Journal of Physical Chemistry C, 2019, 123, 6642-6649.	3.1	13
61	Restructuring of Dye Layers in Dye Sensitized Solar Cells: Cooperative Adsorption of N719 and Chenodeoxycholic Acid on Titania. ACS Applied Energy Materials, 2019, 2, 124-130.	5.1	16
62	Sustainable Polysulfides for Oil Spill Remediation: Repurposing Industrial Waste for Environmental Benefit. Advanced Sustainable Systems, 2018, 2, 1800024.	5.3	120
63	Ring type and π electron occupancy decides the Li-ion storage properties of Phagraphene: An example of sp ² hybridized carbon structure. Carbon, 2018, 129, 775-784.	10.3	26
64	Photocatalytic degradation of methylene blue dye using catalyst based on the gold-containing clusters supported on TiO ₂ . International Journal of Nanotechnology, 2018, 15, 669.	0.2	5
65	Influence of Moisture on the Energy-Level Alignment at the MoO ₃ /Organic Interfaces. ACS Applied Materials & Interfaces, 2018, 10, 44163-44172.	8.0	13
66	In situ recombination junction between p-Si and TiO ₂ enables high-efficiency monolithic perovskite/Si tandem cells. Science Advances, 2018, 4, eaau9711.	10.3	122
67	Measuring the Density of States of the Inner and Outer Wall of Double-Walled Carbon Nanotubes. Nanomaterials, 2018, 8, 448.	4.1	5
68	Dipole Formation at the MoO ₃ /Conjugated Polymer Interface. Advanced Functional Materials, 2018, 28, 1802825.	14.9	24
69	On the Growth of Evaporated LiF on P3HT and PCBM. Journal of Physical Chemistry C, 2018, 122, 23420-23431.	3.1	7
70	Facile Synthesis of an Efficient and Robust Cathode Interface Material for Polymer Solar Cells. ACS Applied Energy Materials, 2018, 1, 7130-7139.	5.1	16
71	Investigation into the behaviour of aluminium and steel under melt/freeze cyclic conditions. Journal of Energy Storage, 2018, 17, 249-260.	8.1	9
72	Insights into the Oxidant/Polymer Interfacial Growth of Vapor Phase Polymerized PEDOT Thin Films. Advanced Materials Interfaces, 2018, 5, 1800594.	3.7	16

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73	Light-Induced Interfacial Dynamics Dramatically Improve the Photocurrent in Dye-Sensitized Solar Cells: An Electrolyte Effect. ACS Applied Materials & Interfaces, 2018, 10, 26241-26247.	8.0	7
74	High-Speed OLEDs and Area-Emitting Light-Emitting Transistors from a Tetracyclic Lactim Semiconducting Polymer. Advanced Optical Materials, 2018, 6, 1800768.	7.3	19
75	Aggregation Behavior of Ligand-Protected Au ₉ Clusters on Sputtered Atomic Layer Deposition TiO ₂ . Journal of Physical Chemistry C, 2017, 121, 10781-10789.	3.1	19
76	Poly(4-vinylpyridine): A New Interface Layer for Organic Solar Cells. ACS Applied Materials & Interfaces, 2017, 9, 10929-10936.	8.0	38
77	The direct measurement of the electronic density of states of graphene using metastable induced electron spectroscopy. 2D Materials, 2017, 4, 025068.	4.4	15
78	Adsorption and Desorption of Single-Stranded DNA from Single-Walled Carbon Nanotubes. Chemistry - an Asian Journal, 2017, 12, 1625-1634.	3.3	10
79	Apparatus for the investigation of high-temperature, high-pressure gas-phase heterogeneous catalytic and photo-catalytic materials. Review of Scientific Instruments, 2017, 88, 054101.	1.3	4
80	EXAFS, ab Initio Molecular Dynamics, and NICIS Spectroscopy Studies on an Organic Dye Model at the Dye-Sensitized Solar Cell Photoelectrode Interface. ACS Applied Materials & Interfaces, 2017, 9, 19773-19779.	8.0	8
81	Thermodynamics and structure of liquid surfaces investigated directly with surface analytical tools**. Annalen Der Physik, 2017, 529, 1600230.	2.4	20
82	Nitrogen-Doped CN _x /CNTs Heteroelectrocatalysts for Highly Efficient Dye-Sensitized Solar Cells. Advanced Energy Materials, 2017, 7, 1602276.	19.5	102
83	Surface Ordering in Binary Mixtures of Protic Ionic Liquids. Journal of Physical Chemistry Letters, 2017, 8, 4264-4267.	4.6	10
84	Investigation of Ligand-Stabilized Gold Clusters on Defect-Rich Titania. Journal of Physical Chemistry C, 2017, 121, 28007-28016.	3.1	20
85	Ordering in Surfactant Foam Films Transferred onto Hydrophilic and Hydrophobic Substrates. Journal of Physical Chemistry C, 2017, 121, 25967-25977.	3.1	2
86	Versatile PbS Quantum Dot Ligand Exchange Systems in the Presence of Pb-Thiolates. Small, 2017, 13, 1602956.	10.0	23
87	Atomically resolved structure of ligand-protected Au ₉ clusters on TiO ₂ nanosheets using aberration-corrected STEM. Journal of Chemical Physics, 2016, 144, 114703.	3.0	25
88	A Systematic Density Functional Theory Study of the Complete De-ligation of Ru ₃ (CO) ₁₂ . ChemistrySelect, 2016, 1, 1163-1167.	1.5	8
89	Stability of Polymer Interlayer Modified ITO Electrodes for Organic Solar Cells. Australian Journal of Chemistry, 2016, 69, 735.	0.9	8
90	Grouping and aggregation of ligand protected Au ₉ clusters on TiO ₂ nanosheets. RSC Advances, 2016, 6, 110765-110774.	3.6	17

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91	Two-in-one: cathode modification and improved solar cell blend stability through addition of modified fullerenes. <i>Journal of Materials Chemistry A</i> , 2016, 4, 2663-2669.	10.3	27
92	Nanoscale heterogeneity and workfunction variations in ZnO thin films. <i>Applied Surface Science</i> , 2016, 363, 516-521.	6.1	27
93	Surface and Near Surface Area Density of States for Magnetron-Sputtered ZnO and Al-ZnO: A MIES, UPS, and VBXPS Study Investigating Ultrahigh Vacuum Sputter Cleaning and UV Oxygen Plasma. <i>Journal of Physical Chemistry C</i> , 2016, 120, 15772-15784.	3.1	8
94	The effect of counter ions on the far-infrared spectra of tris(triphenylphosphinegold)oxonium dimer salts. <i>RSC Advances</i> , 2015, 5, 74499-74505.	3.6	3
95	Transfer of Ordered Phospholipid Films onto Solid Substrates from a Drained Foam Film. <i>Journal of Physical Chemistry C</i> , 2015, 119, 22496-22503.	3.1	3
96	3D WS ₂ Nanolayers@Heteroatom-Doped Graphene Films as Hydrogen Evolution Catalyst Electrodes. <i>Advanced Materials</i> , 2015, 27, 4234-4241.	21.0	389
97	Change of Surface Structure upon Foam Film Formation. <i>ChemPhysChem</i> , 2015, 16, 733-738.	2.1	12
98	Pathway to high throughput, low cost indium-free transparent electrodes. <i>Journal of Materials Chemistry A</i> , 2015, 3, 13892-13899.	10.3	15
99	Electronic and chemical properties of ZnO in inverted organic photovoltaic devices. <i>Organic Electronics</i> , 2015, 24, 131-136.	2.6	24
100	Effect of Sodium Halides on the Surface Structure of Foam Films Stabilized by a Nonionic Surfactant. <i>Journal of Physical Chemistry C</i> , 2015, 119, 441-448.	3.1	13
101	Raman spectroscopy study of the transformation of the carbonaceous skeleton of a polymer-based nanoporous carbon along the thermal annealing pathway. <i>Carbon</i> , 2015, 85, 147-158.	10.3	145
102	Valence band structure of PDMS surface and a blend with MWCNTs: A UPS and MIES study of an insulating polymer. <i>Applied Surface Science</i> , 2015, 353, 693-699.	6.1	10
103	Planar silver nanowire, carbon nanotube and PEDOT:PSS nanocomposite transparent electrodes. <i>Science and Technology of Advanced Materials</i> , 2015, 16, 025002.	6.1	24
104	Effect of Gold Nanoclusters on the Production of Ti ³⁺ Defect Sites in Titanium Dioxide Nanoparticles under Ultraviolet and Soft X-ray Radiation. <i>Journal of Physical Chemistry C</i> , 2015, 119, 11171-11177.	3.1	14
105	Toward Control of Gold Cluster Aggregation on TiO ₂ via Surface Treatments. <i>Journal of Physical Chemistry C</i> , 2015, 119, 24465-24474.	3.1	39
106	Examining the electrical and chemical properties of reduced graphene oxide with varying annealing temperatures in argon atmosphere. <i>Applied Surface Science</i> , 2015, 356, 719-725.	6.1	18
107	Invisible high workfunction materials on heterogeneous surfaces. <i>Applied Surface Science</i> , 2015, 327, 22-26.	6.1	18
108	Factors influencing the catalytic oxidation of benzyl alcohol using supported phosphine-capped gold nanoparticles. <i>Catalysis Science and Technology</i> , 2015, 5, 1323-1333.	4.1	65

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109	Effect of Annealing Temperature of ZnO on the Energy Level Alignment in Inverted Organic Photovoltaics (OPVs). <i>Energy Technology</i> , 2014, 2, 462-468.	3.8	20
110	Phosphine-stabilised Au ₉ clusters interacting with titania and silica surfaces: The first evidence for the density of states signature of the support-immobilised cluster. <i>Journal of Chemical Physics</i> , 2014, 141, 014702.	3.0	28
111	Deconvolution of NICISS profiles involving elements of similar masses. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2014, 340, 63-66.	1.4	3
112	Examining the role of ultra-thin atomic layer deposited metal oxide barrier layers on CdTe/ITO interface stability during the fabrication of solution processed nanocrystalline solar cells. <i>Solar Energy Materials and Solar Cells</i> , 2014, 125, 164-169.	6.2	21
113	On the correlation between dye coverage and photoelectrochemical performance in dye-sensitized solar cells. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 711-718.	2.8	36
114	XPS and NEXAFS study of fluorine modified TiO ₂ nano-ovoids reveals dependence of Ti ³⁺ surface population on the modifying agent. <i>RSC Advances</i> , 2014, 4, 20649.	3.6	37
115	Ion Scattering Studies of Molecular Structure at Liquid Surfaces with Applications in Industrial and Biological Systems. <i>Chemical Reviews</i> , 2014, 114, 8361-8387.	47.7	42
116	Identification of the Vibrational Modes in the Far-Infrared Spectra of Ruthenium Carbonyl Clusters and the Effect of Gold Substitution. <i>Inorganic Chemistry</i> , 2014, 53, 4340-4349.	4.0	12
117	Hydrogen sensing using gold nanoclusters supported on tungsten trioxide thin films. <i>International Journal of Hydrogen Energy</i> , 2013, 38, 12865-12877.	7.1	18
118	Structural Determination of Thermally and Hydrazine Treated Graphene Oxide Using Electron Spectroscopic Analysis. <i>Journal of Physical Chemistry C</i> , 2013, 117, 21312-21319.	3.1	20
119	Chemically-synthesised, atomically-precise gold clusters deposited and activated on titania. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 3917.	2.8	111
120	Far-infrared absorption spectra of synthetically-prepared, ligated metal clusters with Au ₆ , Au ₈ , Au ₉ and Au ₆ Pd metal cores. <i>RSC Advances</i> , 2013, 3, 22140.	3.6	30
121	Role of zinc oxide thickness on the photovoltaic performance of laminated organic bulk-heterojunction solar cells. <i>Solar Energy Materials and Solar Cells</i> , 2013, 115, 64-70.	6.2	17
122	Highly conductive interwoven carbon nanotube and silver nanowire transparent electrodes. <i>Science and Technology of Advanced Materials</i> , 2013, 14, 035004.	6.1	40
123	Chemically synthesised atomically precise gold clusters deposited and activated on titania. Part II. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 14806.	2.8	78
124	Surface structure of a ðœnon-amphiphilicðœ protic ionic liquid. <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 5106.	2.8	29
125	Molecular Structure of 3-Aminopropyltriethoxysilane Layers Formed on Silanol-Terminated Silicon Surfaces. <i>Journal of Physical Chemistry C</i> , 2012, 116, 6289-6297.	3.1	345
126	Comparing the charge distribution along the surface normal in the [C ₆ mim] ⁺ ionic liquid with different anions. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2012, 413, 149-153.	4.7	9

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127	Composition of the outermost layer and concentration depth profiles of ammonium nitrate ionic liquid surfaces. <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 16088.	2.8	31
128	Formation of N719 Dye Multilayers on Dye Sensitized Solar Cell Photoelectrode Surfaces Investigated by Direct Determination of Element Concentration Depth Profiles. <i>Langmuir</i> , 2012, 28, 9431-9439.	3.5	42
129	DNA capture-probe based separation of double-stranded polymerase chain reaction amplification products in poly(dimethylsiloxane) microfluidic channels. <i>Biomicrofluidics</i> , 2012, 6, 026503.	2.4	5
130	A layered structure at the surface of P3HT/PCBM blends. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 14993.	2.8	23
131	Role of humidity on indium and tin migration in organic photovoltaic devices. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 4381.	2.8	70
132	Significant changes of the charge distribution at the surface of an ionic liquid due to the presence of small amounts of water. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 21301.	2.8	27
133	New Insights into the Structure of PAMAM Dendrimer/Gold Nanoparticle Nanocomposites. <i>Langmuir</i> , 2011, 27, 6759-6767.	3.5	28
134	Surface modification of poly(dimethylsiloxane) (PDMS) microchannels with DNA capture-probes for potential use in microfluidic DNA analysis systems. <i>Proceedings of SPIE</i> , 2011, , .	0.8	3
135	Effect of the aliphatic chain length on electrical double layer formation at the liquid/vacuum interface in the [Cnmim][BF ₄] ionic liquid series. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 17177.	2.8	40
136	Effect of indium and tin contamination on the efficiency and electronic properties of organic bulk hetero-junction solar cells. <i>Solar Energy Materials and Solar Cells</i> , 2011, 95, 3251-3255.	6.2	42
137	Surface modification and chemical surface analysis of biomaterials. <i>Current Opinion in Chemical Biology</i> , 2011, 15, 667-676.	6.1	91
138	Measuring concentration depth profiles at liquid surfaces: Comparing angle resolved X-ray photoelectron spectroscopy and neutral impact collision scattering spectroscopy. <i>Surface Science</i> , 2011, 605, 889-897.	1.9	19
139	Determining concentration depth profiles of thin foam films with neutral impact collision ion scattering spectroscopy. <i>Review of Scientific Instruments</i> , 2010, 81, 113907.	1.3	16
140	Concentration Depth Profiles of Inorganic Ions at Liquid Surfaces. <i>Australian Journal of Chemistry</i> , 2010, 63, 434.	0.9	8
141	Molecular Scale Characterization of the Titania/Dye/Solvent Interface in Dye-Sensitized Solar Cells. <i>Langmuir</i> , 2010, 26, 9612-9616.	3.5	25
142	Disjoining Pressure Study of Formamide Foam Films Stabilized by Surfactants. <i>Langmuir</i> , 2010, 26, 7752-7760.	3.5	17
143	Energy-loss straggling of helium projectiles at low kinetic energies: Deconvolution of concentration depth profiles of inorganic salt solutes in aqueous solutions. <i>Physical Review A</i> , 2008, 78, .	2.5	36
144	Energy-loss straggling of helium projectiles at low kinetic energies. <i>Physical Review A</i> , 2007, 75, .	2.5	25

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145	Anions of Alkali Halide Salts at Surfaces of Formamide Solutions: Concentration Depth Profiles and Surface Topography. <i>Journal of Physical Chemistry C</i> , 2007, 111, 4379-4387.	3.1	29
146	Segregation of Inorganic Ions at Surfaces of Polar Nonaqueous Liquids. <i>ChemPhysChem</i> , 2007, 8, 1457-1463.	2.1	23
147	Electron energy loss spectroscopy of liquid glycerol. <i>Chemical Physics</i> , 2007, 340, 181-186.	1.9	9
148	Increased layer interdiffusion in polyelectrolyte films upon annealing in water and aqueous salt solutions. <i>Physical Chemistry Chemical Physics</i> , 2006, 8, 5462.	2.8	29
149	Chemical Potential of a Nonionic Surfactant in Solution. <i>Journal of Physical Chemistry B</i> , 2006, 110, 24015-24020.	2.6	19
150	Angle resolved ion scattering spectroscopy at surfaces of pure liquids: topography and orientation of molecules. <i>Physical Chemistry Chemical Physics</i> , 2005, 7, 2942.	2.8	13
151	Internal Structure of Polyelectrolyte Multilayers Probed via Neutral Impact Collision Ion Scattering Spectroscopy. <i>Langmuir</i> , 2005, 21, 2598-2604.	3.5	7
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