## Andrei A Kolmakov

## List of Publications by Year in Descending Order

Source: https://exaly.com/author-pdf/143156/andrei-a-kolmakov-publications-by-year.pdf

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

127 8,875 41 93 g-index

137 9,491 6.4 5.99 ext. papers ext. citations avg, IF L-index

#	Paper	IF	Citations
127	Addressable graphene encapsulation of wet specimens on a chip for optical, electron, infrared and X-ray based spectromicroscopy studies. <i>Lab on A Chip</i> , <b>2021</b> , 21, 4618-4628	7.2	1
126	Electron Beam Printed Hydrogels as a Hydration Source for Graphene Encapsulated Specimens. <i>Microscopy and Microanalysis</i> , <b>2021</b> , 27, 2240-2241	0.5	
125	Comparative XPS and SEM Spatiotemporal Potential Mapping of Ionic Liquid Polarization in a Coplanar Electrochemical Device. <i>Analytical Chemistry</i> , <b>2021</b> , 93, 13268-13273	7.8	2
124	Graphene Membrane Encapsulation Platform for Multi-technique Spectromicroscopy of Wet Objects. <i>Microscopy and Microanalysis</i> , <b>2020</b> , 26, 2228-2229	0.5	
123	Operando Scanning Electron and Microwave Microscopies in Plasmas: A Comparative Analysis. <i>Microscopy and Microanalysis</i> , <b>2020</b> , 26, 2498-2499	0.5	
122	Extraordinary performance of semiconducting metal oxide gas sensors using dielectric excitation. <i>Nature Electronics</i> , <b>2020</b> , 3, 280-289	28.4	38
121	Bio-inspired gas sensing: boosting performance with sensor optimization guided by "machine learning". <i>Faraday Discussions</i> , <b>2020</b> , 223, 161-182	3.6	3
120	Nanoscale Mapping of the Double Layer Potential at the Graphene-Electrolyte Interface. <i>Nano Letters</i> , <b>2020</b> , 20, 1336-1344	11.5	14
119	Radiation damage of liquid electrolyte during focused X-ray beam photoelectron spectroscopy. <i>Surface Science</i> , <b>2020</b> , 697, 121608	1.8	5
118	Electron and X-ray Focused Beam-Induced Cross-Linking in Liquids: Toward Rapid Continuous 3D Nanoprinting and Interfacing using Soft Materials. <i>ACS Nano</i> , <b>2020</b> , 14, 12982-12992	16.7	9
117	Probing Electrified Liquid-Solid Interfaces with Scanning Electron Microscopy. <i>ACS Applied Materials &amp; Amp; Interfaces</i> , <b>2020</b> , 12, 56650-56657	9.5	3
116	Radiation Damage on Liquid Electrolyte during Spatially Resolved Soft X-ray Photoemission Measurements. <i>Microscopy and Microanalysis</i> , <b>2019</b> , 25, 730-731	0.5	
115	Operando photoelectron emission spectroscopy and microscopy at Elettra soft X-ray beamlines: From model to real functional systems. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , <b>2019</b> , 146902	1.7	3
114	From Microparticles to Nanowires and Back: Radical Transformations in Plated Li Metal Morphology Revealed via in Situ Scanning Electron Microscopy. <i>Nano Letters</i> , <b>2018</b> , 18, 1644-1650	11.5	40
113	Low-temperature thermal reduction of graphene oxide: In situ correlative structural, thermal desorption, and electrical transport measurements. <i>Applied Physics Letters</i> , <b>2018</b> , 112, 053103	3.4	30
112	Graphene windows enable photoelectron microscopies of liquid samples <i>Microscopy and Microanalysis</i> , <b>2018</b> , 24, 68-71	0.5	1
111	Polarization of the Graphene-Liquid Electrolyte Interface Probed by SEM. <i>Microscopy and Microanalysis</i> , <b>2018</b> , 24, 354-355	0.5	

110	Near-Field Probe Microscopy of Plasma Processing Applied Physics Letters, 2018, 113,	3.4	6
109	In Aqua Electrochemistry Probed by XPEEM: Experimental Setup, Examples, and Challenges. <i>Topics in Catalysis</i> , <b>2018</b> , 61, 2195-2206	2.3	13
108	3-Dimensional Hydrogel Printing via Electron Crosslinking. <i>Microscopy and Microanalysis</i> , <b>2018</b> , 24, 348-	3495	1
107	Enabling Photoemission Electron Microscopy in Liquids via Graphene-Capped Microchannel Arrays. <i>Nano Letters</i> , <b>2017</b> , 17, 1034-1041	11.5	43
106	Graphene Microcapsule Arrays for Combinatorial Electron Microscopy and Spectroscopy in Liquids. <i>ACS Applied Materials &amp; District Aces</i> , 2017, 9, 26492-26502	9.5	24
105	Imaging and Analysis of Encapsulated Objects through Self-Assembled Electron and Optically Transparent Graphene Oxide Membranes. <i>Advanced Materials Interfaces</i> , <b>2017</b> , 4, 1600734	4.6	6
104	SEM and Auger Electron Spectroscopy of Liquid Water through Graphene Membrane. <i>Microscopy and Microanalysis</i> , <b>2017</b> , 23, 880-881	0.5	
103	Multi-environment Nanocalorimeter with Electrical Contacts for Use in the Scanning Electron Microscope. <i>Materials Horizons</i> , <b>2017</b> , 4, 1128-1134	14.4	12
102	Combinatorial Microscopy in Liquids with Low Energy Electrons. <i>Microscopy and Microanalysis</i> , <b>2017</b> , 23, 186-187	0.5	
101	Interfacial Electrochemistry in Liquids Probed with Photoemission Electron Microscopy. <i>Journal of the American Chemical Society</i> , <b>2017</b> , 139, 18138-18141	16.4	27
100	Stateful characterization of resistive switching TiO with electron beam induced currents. <i>Nature Communications</i> , <b>2017</b> , 8, 1972	17.4	20
99	Toward Clean Suspended CVD Graphene. <i>RSC Advances</i> , <b>2016</b> , 6, 83954-83962	3.7	14
98	Fabrication, Testing, and Simulation of All-Solid-State Three-Dimensional Li-Ion Batteries. <i>ACS Applied Materials &amp; Discourse (Materials &amp; Discourse)</i> 1, 32385-32391	9.5	76
97	Recent approaches for bridging the pressure gap in photoelectron microspectroscopy. <i>Topics in Catalysis</i> , <b>2016</b> , 59, 448-468	2.3	38
96	Seeing through Walls at the Nanoscale: Microwave Microscopy of Enclosed Objects and Processes in Liquids. <i>ACS Nano</i> , <b>2016</b> , 10, 3562-70	16.7	39
95	Local coexistence of VO2 phases revealed by deep data analysis. <i>Scientific Reports</i> , <b>2016</b> , 6, 29216	4.9	6
94	Design and Application of Variable Temperature Setup for Scanning Electron Microscopy in Gases and Liquids at Ambient Conditions. <i>Microscopy and Microanalysis</i> , <b>2015</b> , 21, 765-70	0.5	7
93	Ultrathin Gas Permeable Oxide Membranes for Chemical Sensing: Nanoporous TaDITest Study. <i>Materials</i> , <b>2015</b> , 8, 6677-6684	3.5	7

92	In situ SEM study of lithium intercalation in individual V2O5 nanowires. <i>Nanoscale</i> , <b>2015</b> , 7, 3022-7	7.7	35
91	Intrinsic device-to-device variation in graphene field-effect transistors on a Si/SiO2 substrate as a platform for discriminative gas sensing. <i>Applied Physics Letters</i> , <b>2014</b> , 104, 013114	3.4	24
90	Photoelectron spectroscopy of wet and gaseous samples through graphene membranes. <i>Nanoscale</i> , <b>2014</b> , 6, 14394-403	7.7	68
89	Insights into capacity loss mechanisms of all-solid-state Li-ion batteries with Al anodes. <i>Journal of Materials Chemistry A</i> , <b>2014</b> , 2, 20552-20559	13	32
88	In situ X-ray microdiffraction studies inside individual VO2 microcrystals. <i>Acta Materialia</i> , <b>2013</b> , 61, 2751	I- <b>&amp;</b> 7462	26
87	Multisensor Micro-Arrays Based on Metal Oxide Nanowires for Electronic Nose Applications <b>2013</b> , 465-	502	3
86	Phytotoxicity, accumulation and transport of silver nanoparticles by Arabidopsis thaliana. <i>Nanotoxicology</i> , <b>2013</b> , 7, 323-37	5.3	204
85	Highly selective gas sensor arrays based on thermally reduced graphene oxide. <i>Nanoscale</i> , <b>2013</b> , 5, 5420	6 <del>-</del> 3 <del>4</del>	219
84	Heat dissipation from suspended self-heated nanowires: gas sensor prospective. <i>Nanotechnology</i> , <b>2013</b> , 24, 444009	3.4	13
83	Scanning Near-Field Microwave Microscopy of VO2 and Chemical Vapor Deposition Graphene. <i>Advanced Functional Materials</i> , <b>2013</b> , 23, 2635-2645	15.6	20
82	Electron transparent graphene windows for environmental scanning electron microscopy in liquids and dense gases. <i>Nanotechnology</i> , <b>2012</b> , 23, 505704	3.4	43
81	Doping-based stabilization of the M2 phase in free-standing VOIhanostructures at room temperature. <i>Nano Letters</i> , <b>2012</b> , 12, 6198-205	11.5	120
80	In situ monitoring of the growth, intermediate phase transformations and templating of single crystal VO2 nanowires and nanoplatelets. <i>ACS Nano</i> , <b>2011</b> , 5, 3373-84	16.7	67
79	Graphene oxide windows for in situ environmental cell photoelectron spectroscopy. <i>Nature Nanotechnology</i> , <b>2011</b> , 6, 651-7	28.7	177
78	Drop-casted self-assembling graphene oxide membranes for scanning electron microscopy on wet and dense gaseous samples. <i>ACS Nano</i> , <b>2011</b> , 5, 10047-54	16.7	95
77	Polarized Raman Scattering from a Single, Segmented SnO2 Wire. <i>Journal of Physical Chemistry C</i> , <b>2011</b> , 115, 17270-17277	3.8	9
76	The electrical characterization of a multi-electrode odor detection sensor array based on the single SnO2 nanowire. <i>Thin Solid Films</i> , <b>2011</b> , 520, 898-903	2.2	21
75	Electromechanical actuation and current-induced metastable states in suspended single-crystalline VOIhanoplatelets. <i>Nano Letters</i> , <b>2011</b> , 11, 3065-73	11.5	47

74	Lattice-Symmetry-Driven Phase Competition in Vanadium Dioxide. <i>Materials Research Society Symposia Proceedings</i> , <b>2011</b> , 1292, 67		1
73	Single-nanobelt electronic nose: engineering and tests of the simplest analytical element. <i>ACS Nano</i> , <b>2010</b> , 4, 4487-94	16.7	52
72	Scanning Electron Microscopy for in Situ Monitoring of Semiconductor Liquid Interfacial Processes: Electron Assisted Reduction of Ag Ions from Aqueous Solution on the Surface of TiO2 Rutile Nanowire Journal of Physical Chemistry C, 2010, 114, 17233-17237	3.8	21
71	Mesoscopic metal-insulator transition at ferroelastic domain walls in VO2. ACS Nano, <b>2010</b> , 4, 4412-9	16.7	63
70	Interplay between ferroelastic and metal-insulator phase transitions in strained quasi-two-dimensional VO2 nanoplatelets. <i>Nano Letters</i> , <b>2010</b> , 10, 2003-11	11.5	91
69	Symmetry relationship and strain-induced transitions between insulating M1 and M2 and metallic R phases of vanadium dioxide. <i>Nano Letters</i> , <b>2010</b> , 10, 4409-16	11.5	125
68	Contactless monitoring of the diameter-dependent conductivity of GaAs nanowires. <i>Nano Research</i> , <b>2010</b> , 3, 706-713	10	22
67	Interactions between engineered nanoparticles (ENPs) and plants: phytotoxicity, uptake and accumulation. <i>Science of the Total Environment</i> , <b>2010</b> , 408, 3053-61	10.2	777
66	A novel model for (percolating) nanonet chemical sensors for microarray-based E-nose applications <b>2009</b> ,		3
65	Self-heated Nanowire Sensors: Opportunities, Optimization and Limitations 2009,		5
64	Percolating SnO2 nanowire network as a stable gas sensor: Direct comparison of long-term performance versus SnO2 nanoparticle films. <i>Sensors and Actuators B: Chemical</i> , <b>2009</b> , 139, 699-703	8.5	122
63			122 347
	performance versus SnO2 nanoparticle films. Sensors and Actuators B: Chemical, 2009, 139, 699-703		
63	performance versus SnO2 nanoparticle films. <i>Sensors and Actuators B: Chemical</i> , <b>2009</b> , 139, 699-703  Gas sensor based on metal-insulator transition in VO2 nanowire thermistor. <i>Nano Letters</i> , <b>2009</b> , 9, 2322  Spectromicroscopy for addressing the surface and electron transport properties of individual 1-d	2- <b>6</b> 1.5	347
63	performance versus SnO2 nanoparticle films. <i>Sensors and Actuators B: Chemical</i> , <b>2009</b> , 139, 699-703  Gas sensor based on metal-insulator transition in VO2 nanowire thermistor. <i>Nano Letters</i> , <b>2009</b> , 9, 2322  Spectromicroscopy for addressing the surface and electron transport properties of individual 1-d nanostructures and their networks. <i>ACS Nano</i> , <b>2008</b> , 2, 1993-2000  Some recent trends in the fabrication, functionalisation and characterisation of metal oxide	16.7	347 79
63 62 61	Gas sensor based on metal-insulator transition in VO2 nanowire thermistor. <i>Nano Letters</i> , <b>2009</b> , 9, 2322  Spectromicroscopy for addressing the surface and electron transport properties of individual 1-d nanostructures and their networks. <i>ACS Nano</i> , <b>2008</b> , 2, 1993-2000  Some recent trends in the fabrication, functionalisation and characterisation of metal oxide nanowire gas sensors. <i>International Journal of Nanotechnology</i> , <b>2008</b> , 5, 450  Evidence of the self-heating effect on surface reactivity and gas sensing of metalloxide nanowire	16.7 1.5	<ul><li>347</li><li>79</li><li>33</li></ul>
63 62 61 60	Gas sensor based on metal-insulator transition in VO2 nanowire thermistor. <i>Nano Letters</i> , <b>2009</b> , 9, 2322  Spectromicroscopy for addressing the surface and electron transport properties of individual 1-d nanostructures and their networks. <i>ACS Nano</i> , <b>2008</b> , 2, 1993-2000  Some recent trends in the fabrication, functionalisation and characterisation of metal oxide nanowire gas sensors. <i>International Journal of Nanotechnology</i> , <b>2008</b> , 5, 450  Evidence of the self-heating effect on surface reactivity and gas sensing of metalloxide nanowire chemiresistors. <i>Nanotechnology</i> , <b>2008</b> , 19, 355502  Copper phthalocyanine quasi-1D nanostructures: growth morphologies and gas sensing properties.	16.7 1.5 3.4	<ul><li>347</li><li>79</li><li>33</li><li>72</li></ul>

56	Nanostructures: Sensor and Catalytic Properties. <i>Nanostructure Science and Technology</i> , <b>2008</b> , 305-344	0.9	3
55	Metal oxide "nanosponges" as chemical sensors: highly sensitive detection of hydrogen with nanosponge titania. <i>Angewandte Chemie - International Edition</i> , <b>2007</b> , 46, 4298-301	16.4	28
54	Metal Oxide Nanosponges  Chemical Sensors: Highly Sensitive Detection of Hydrogen with Nanosponge Titania. <i>Angewandte Chemie</i> , <b>2007</b> , 119, 4376-4379	3.6	11
53	Coupling nanowire chemiresistors with MEMS microhotplate gas sensing platforms. <i>Applied Physics Letters</i> , <b>2007</b> , 91, 063118	3.4	70
52	Chemical Sensors from Lead Metallophthalocyanine Whiskers 2007,		1
51	Nanoengineered chemiresistors: the interplay between electron transport and chemisorption properties of morphologically encoded SnO2nanowires. <i>Nanotechnology</i> , <b>2007</b> , 18, 055707	3.4	30
50	A gradient microarray electronic nose based on percolating SnO(2) nanowire sensing elements. <i>Nano Letters</i> , <b>2007</b> , 7, 3182-8	11.5	244
49	Application of spectromicroscopy tools to explore local origins of sensor activity in quasi-1D oxide nanostructures. <i>Nanotechnology</i> , <b>2006</b> , 17, 4014-8	3.4	9
48	Highly sensitive gas sensor based on integrated titania nanosponge arrays. <i>Applied Physics Letters</i> , <b>2006</b> , 88, 102904	3.4	80
47	Toward the nanoscopic "electronic nose": hydrogen vs carbon monoxide discrimination with an array of individual metal oxide nano- and mesowire sensors. <i>Nano Letters</i> , <b>2006</b> , 6, 1584-8	11.5	221
46	The effect of morphology and surface doping on sensitization of quasi-1D metal oxide nanowire gas sensors <b>2006</b> ,		9
45	Formation, deposition and examination of size selected metal clusters on semiconductor surfaces: An experimental setup. <i>International Journal of Mass Spectrometry</i> , <b>2006</b> , 254, 202-209	1.9	29
44	Pinning mass-selected Agn clusters on the TiO2(110)-1x1 surface via deposition at high kinetic energy. <i>Journal of Chemical Physics</i> , <b>2005</b> , 123, 204701	3.9	26
43	Landing of size-selected Agn+ clusters on single crystal TiO2 (110)-(1x1) surfaces at room temperature. <i>Journal of Chemical Physics</i> , <b>2005</b> , 122, 81102	3.9	56
42	Encoding morphology in oxide nanostructures during their growth. <i>Nano Letters</i> , <b>2005</b> , 5, 2019-22	11.5	53
41	Enhanced gas sensing by individual SnO2 nanowires and nanobelts functionalized with Pd catalyst particles. <i>Nano Letters</i> , <b>2005</b> , 5, 667-73	11.5	1205
40	Electronic control of chemistry and catalysis at the surface of an individual tin oxide nanowire. Journal of Physical Chemistry B, <b>2005</b> , 109, 1923-9	3.4	151
39	Synthesis of Au nanoclusters supported upon a TiO2 nanotube array. <i>Journal of Materials Research</i> , <b>2005</b> , 20, 1093-1096	2.5	12

## (2000-2005)

38	The nucleation sites of Ag clusters grown by vapor deposition on a TiO2(110)-1d surface. <i>Science</i> , <b>2005</b> , 575, 60-68	1.8	31
37	Electronic transport imaging in a multiwire SnO2 chemical field-effect transistor device. <i>Journal of Applied Physics</i> , <b>2005</b> , 98, 044503	2.5	58
36	Low Cost Integrated Sensors Utilizing Patterned Nano-Structured Titania Arrays Fabricated Using a Simple Process. <i>Materials Research Society Symposia Proceedings</i> , <b>2004</b> , 828, 313		
35	Chemical Sensing and Catalysis by One-Dimensional Metal-Oxide Nanostructures. <i>ChemInform</i> , <b>2004</b> , 35, no		2
34	Control of Catalytic Reactions at the Surface of a Metal Oxide Nanowire by Manipulating Electron Density Inside It. <i>Nano Letters</i> , <b>2004</b> , 4, 403-407	11.5	214
33	CHEMICAL SENSING AND CATALYSIS BY ONE-DIMENSIONAL METAL-OXIDE NANOSTRUCTURES.  Annual Review of Materials Research, <b>2004</b> , 34, 151-180	12.8	942
32	Growth of Au on TiO2(110) on a Cluster-by-Cluster Basis. <i>Japanese Journal of Applied Physics</i> , <b>2003</b> , 42, 4795-4798	1.4	16
31	Detection of CO and O2 Using Tin Oxide Nanowire Sensors. <i>Advanced Materials</i> , <b>2003</b> , 15, 997-1000	24	941
30	Topotactic Thermal Oxidation of Sn Nanowires: Intermediate Suboxides and CoreBhell Metastable Structures. <i>Nano Letters</i> , <b>2003</b> , 3, 1125-1129	11.5	81
29	In situ scanning tunneling microscopy of individual supported metal clusters at reactive gas pressures from 10 <b>B</b> to 104 Pa. <i>Review of Scientific Instruments</i> , <b>2003</b> , 74, 2444-2450	1.7	41
28	Current rectification in a single GaN nanowire with a well-defined pl junction. <i>Applied Physics Letters</i> , <b>2003</b> , 83, 1578-1580	3.4	84
27	In situ scanning tunneling microscopy of oxide-supported metal clusters: nucleation, growth, and thermal evolution of individual particles. <i>Chemical Record</i> , <b>2002</b> , 2, 446-57	6.6	41
26	Geometric structure of (NaCl)4 clusters studied with XANES at the chlorine L-edge and at the sodium K-edge. <i>Chemical Physics Letters</i> , <b>2002</b> , 356, 23-28	2.5	12
25	Innershell absorption spectroscopy on CdS: Free clusters and nanocrystals. <i>Journal of Chemical Physics</i> , <b>2001</b> , 114, 489	3.9	12
24	Na 1s photoabsorption of free and deposited NaCl clusters: Development of bond length with cluster size. <i>Physical Review B</i> , <b>2001</b> , 64,	3.3	20
23	Photoabsorption of NaCl clusters at the Na K-edge: Development of the bond length with the cluster size. <i>Journal of Chemical Physics</i> , <b>2001</b> , 115, 1319-1323	3.9	12
22	Scanning tunneling microscopy of gold clusters on TiO2(110): CO oxidation at elevated pressures. <i>Surface Science</i> , <b>2001</b> , 490, L597-L601	1.8	63
21	Spectromicroscopy study of an Ni+Ag/Si(111) interface. Surface and Interface Analysis, <b>2000</b> , 30, 479-483	<b>3</b> 1.5	4

20	Local geometry and electronic structure of free NaCl clusters. <i>Physics of the Solid State</i> , <b>2000</b> , 42, 1942-	1 <i>9.</i> <b>\$</b> 5	4
19	Argon coated alkali halide clusters: the effect of the coating on the ionization and fragmentation dynamics. <i>Chemical Physics Letters</i> , <b>2000</b> , 319, 465-471	2.5	7
18	Imaging gold clusters on TiO2(110) at elevated pressures and temperatures. <i>Catalysis Letters</i> , <b>2000</b> , 70, 93-97	2.8	61
17	Characterization of surface defects on MgO thin films by ultraviolet photoelectron and metastable impact electron spectroscopies. <i>Journal of Chemical Physics</i> , <b>2000</b> , 113, 7564-7570	3.9	57
16	Innershell photoionisation spectroscopy of NaCl clusters. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , <b>1999</b> , 101-103, 199-203	1.7	6
15	Observation of small metastable multiply charged CsI clusters embedded inside rare gas clusters. <i>European Physical Journal D</i> , <b>1999</b> , 9, 273-276	1.3	
14	Aggregation of small CsI clusters inside Ar clusters: ionization and fragmentation under soft X-ray excitation. <i>European Physical Journal D</i> , <b>1999</b> , 9, 277-281	1.3	3
13	Ag + Au bilayers on Si(111) studied with scanning photoemission microscopy. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , <b>1998</b> , 88-91, 991-995	1.7	
12	Artefact formation in scanning photoelectron emission microscopy. <i>Ultramicroscopy</i> , <b>1998</b> , 75, 35-51	3.1	63
11	Effect of a Composition Discontinuity on the Evolution of a Bimetal Interface Studied by Photoemission Microscopy: Au Patch Deposited on a Ag/Si(111) Surface. <i>Surface Review and Letters</i> , <b>1998</b> , 05, 605-613	1.1	5
10	Ag on Au/Si(111):mInterfacial interactions on a submicrometer scale. <i>Physical Review B</i> , <b>1997</b> , 55, 4101-	43.94	13
9	Au on Ag/Si(111)-(3B)R30t A spectromicroscopy study of a bimetal-silicon interface. <i>Physical Review B</i> , <b>1997</b> , 56, 5003-5013	3.3	30
8	Spectromicroscopic evidence of Ge-GaSe chemical reactions: Not a Schottky system. <i>Physical Review B</i> , <b>1997</b> , 55, R4899-R4902	3.3	8
7	Photoelectron Spectromicroscopic Study of the Spreading Behavior of MoO3 on Titania and Alumina Model Supports <i>Journal of Physical Chemistry B</i> , <b>1997</b> , 101, 10004-10011	3.4	37
6	Interface dynamics and electromigration of the system AuAgSi(111) using photoelectron emission microscopy. <i>Surface Science</i> , <b>1997</b> , 377-379, 969-974	1.8	7
5	Spectromicroscopy and thermal evolution of an bimetallic interface. Surface Science, <b>1997</b> , 389, 241-250	<b>)</b> 1.8	5
4	Scanning photoelectron microscopy of a interface: Au coadsorbed on. <i>Surface Science</i> , <b>1997</b> , 377-379, 145-149	1.8	8
3	ESCA Microscopy at ELETTRA: what it is like to perform spectromicroscopy experiments on a third generation synchrotron radiation source. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , <b>1997</b> , 84, 73-83	1.7	132

2 Membrane-Based Environmental Cells for SEM in Liquids78-105

20.1 4

2

Spatially Resolved Potential and Li-Ion Distributions Reveal Performance-Limiting Regions in Solid-State Batteries. *ACS Energy Letters*, 3944-3951