

# Andrei A Kolmakov

## List of Publications by Citations

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127  
papers

8,875  
citations

41  
h-index

93  
g-index

137  
ext. papers

9,491  
ext. citations

6.4  
avg, IF

5.99  
L-index

#	Paper	IF	Citations
127	Enhanced gas sensing by individual SnO <sub>2</sub> nanowires and nanobelts functionalized with Pd catalyst particles. <i>Nano Letters</i> , <b>2005</b> , 5, 667-73	11.5	1205
126	CHEMICAL SENSING AND CATALYSIS BY ONE-DIMENSIONAL METAL-OXIDE NANOSTRUCTURES. <i>Annual Review of Materials Research</i> , <b>2004</b> , 34, 151-180	12.8	942
125	Detection of CO and O <sub>2</sub> Using Tin Oxide Nanowire Sensors. <i>Advanced Materials</i> , <b>2003</b> , 15, 997-1000	24	941
124	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
123	Gas sensor based on metal-insulator transition in VO <sub>2</sub> nanowire thermistor. <i>Nano Letters</i> , <b>2009</b> , 9, 2322-61.5	11.5	347
122	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
121	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
120	Highly selective gas sensor arrays based on thermally reduced graphene oxide. <i>Nanoscale</i> , <b>2013</b> , 5, 5426-34	7.4	219
119	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
118	Phytotoxicity, accumulation and transport of silver nanoparticles by Arabidopsis thaliana. <i>Nanotoxicology</i> , <b>2013</b> , 7, 323-37	5.3	204
117	Graphene oxide windows for in situ environmental cell photoelectron spectroscopy. <i>Nature Nanotechnology</i> , <b>2011</b> , 6, 651-7	28.7	177
116	Electronic control of chemistry and catalysis at the surface of an individual tin oxide nanowire. <i>Journal of Physical Chemistry B</i> , <b>2005</b> , 109, 1923-9	3.4	151
115	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
114	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
113	Percolating SnO <sub>2</sub> nanowire network as a stable gas sensor: Direct comparison of long-term performance versus SnO <sub>2</sub> nanoparticle films. <i>Sensors and Actuators B: Chemical</i> , <b>2009</b> , 139, 699-703	8.5	122
112	Doping-based stabilization of the M2 phase in free-standing VO <sub>2</sub> nanostructures at room temperature. <i>Nano Letters</i> , <b>2012</b> , 12, 6198-205	11.5	120
111	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

110	Interplay between ferroelastic and metal-insulator phase transitions in strained quasi-two-dimensional VO <sub>2</sub> nanoplatelets. <i>Nano Letters</i> , <b>2010</b> , 10, 2003-11	11.5	91
109	Current rectification in a single GaN nanowire with a well-defined p-n junction. <i>Applied Physics Letters</i> , <b>2003</b> , 83, 1578-1580	3.4	84
108	Topotactic Thermal Oxidation of Sn Nanowires: Intermediate Suboxides and Core-Shell Metastable Structures. <i>Nano Letters</i> , <b>2003</b> , 3, 1125-1129	11.5	81
107	Highly sensitive gas sensor based on integrated titania nanosponge arrays. <i>Applied Physics Letters</i> , <b>2006</b> , 88, 102904	3.4	80
106	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	16.7	79
105	Fabrication, Testing, and Simulation of All-Solid-State Three-Dimensional Li-Ion Batteries. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2016</b> , 8, 32385-32391	9.5	76
104	Evidence of the self-heating effect on surface reactivity and gas sensing of metal-oxide nanowire chemiresistors. <i>Nanotechnology</i> , <b>2008</b> , 19, 355502	3.4	72
103	Coupling nanowire chemiresistors with MEMS microhotplate gas sensing platforms. <i>Applied Physics Letters</i> , <b>2007</b> , 91, 063118	3.4	70
102	Photoelectron spectroscopy of wet and gaseous samples through graphene membranes. <i>Nanoscale</i> , <b>2014</b> , 6, 14394-403	7.7	68
101	In situ monitoring of the growth, intermediate phase transformations and templating of single crystal VO <sub>2</sub> nanowires and nanoplatelets. <i>ACS Nano</i> , <b>2011</b> , 5, 3373-84	16.7	67
100	Mesoscopic metal-insulator transition at ferroelastic domain walls in VO <sub>2</sub> . <i>ACS Nano</i> , <b>2010</b> , 4, 4412-9	16.7	63
99	Artefact formation in scanning photoelectron emission microscopy. <i>Ultramicroscopy</i> , <b>1998</b> , 75, 35-51	3.1	63
98	Scanning tunneling microscopy of gold clusters on TiO <sub>2</sub> (110): CO oxidation at elevated pressures. <i>Surface Science</i> , <b>2001</b> , 490, L597-L601	1.8	63
97	Imaging gold clusters on TiO <sub>2</sub> (110) at elevated pressures and temperatures. <i>Catalysis Letters</i> , <b>2000</b> , 70, 93-97	2.8	61
96	Functionalizing nanowires with catalytic nanoparticles for gas sensing application. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2008</b> , 8, 111-21	1.3	59
95	Electronic transport imaging in a multiwire SnO <sub>2</sub> chemical field-effect transistor device. <i>Journal of Applied Physics</i> , <b>2005</b> , 98, 044503	2.5	58
94	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
93	Landing of size-selected Ag <sup>n+</sup> clusters on single crystal TiO <sub>2</sub> (110)-(1x1) surfaces at room temperature. <i>Journal of Chemical Physics</i> , <b>2005</b> , 122, 81102	3.9	56

92	Encoding morphology in oxide nanostructures during their growth. <i>Nano Letters</i> , <b>2005</b> , 5, 2019-22	11.5	53
91	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
90	Electromechanical actuation and current-induced metastable states in suspended single-crystalline VO <sub>2</sub> nanoplatelets. <i>Nano Letters</i> , <b>2011</b> , 11, 3065-73	11.5	47
89	Enabling Photoemission Electron Microscopy in Liquids via Graphene-Capped Microchannel Arrays. <i>Nano Letters</i> , <b>2017</b> , 17, 1034-1041	11.5	43
88	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
87	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
86	In situ scanning tunneling microscopy of individual supported metal clusters at reactive gas pressures from 10 <sup>8</sup> to 10 <sup>4</sup> Pa. <i>Review of Scientific Instruments</i> , <b>2003</b> , 74, 2444-2450	1.7	41
85	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
84	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
83	Extraordinary performance of semiconducting metal oxide gas sensors using dielectric excitation. <i>Nature Electronics</i> , <b>2020</b> , 3, 280-289	28.4	38
82	Recent approaches for bridging the pressure gap in photoelectron microspectroscopy. <i>Topics in Catalysis</i> , <b>2016</b> , 59, 448-468	2.3	38
81	Photoelectron Spectromicroscopic Study of the Spreading Behavior of MoO <sub>3</sub> on Titania and Alumina Model Supports. <i>Journal of Physical Chemistry B</i> , <b>1997</b> , 101, 10004-10011	3.4	37
80	In situ SEM study of lithium intercalation in individual V <sub>2</sub> O <sub>5</sub> nanowires. <i>Nanoscale</i> , <b>2015</b> , 7, 3022-7	7.7	35
79	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	1.5	33
78	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
77	The nucleation sites of Ag clusters grown by vapor deposition on a TiO <sub>2</sub> (110)-1 $\times$ 1 surface. <i>Surface Science</i> , <b>2005</b> , 575, 60-68	1.8	31
76	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
75	Au on Ag/Si(111)-(3 $\times$ 3) $\sqrt{3}$ R30 $\circ$ : A spectromicroscopy study of a bimetal-silicon interface. <i>Physical Review B</i> , <b>1997</b> , 56, 5003-5013	3.3	30

74	Nanoengineered chemiresistors: the interplay between electron transport and chemisorption properties of morphologically encoded SnO <sub>2</sub> nanowires. <i>Nanotechnology</i> , <b>2007</b> , 18, 055707	3.4	30
73	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
72	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
71	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
70	In situ X-ray microdiffraction studies inside individual VO <sub>2</sub> microcrystals. <i>Acta Materialia</i> , <b>2013</b> , 61, 2751-2762	2.7	26
69	Pinning mass-selected Ag <sub>n</sub> clusters on the TiO <sub>2</sub> (110)-1x1 surface via deposition at high kinetic energy. <i>Journal of Chemical Physics</i> , <b>2005</b> , 123, 204701	3.9	26
68	Graphene Microcapsule Arrays for Combinatorial Electron Microscopy and Spectroscopy in Liquids. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 26492-26502	9.5	24
67	Intrinsic device-to-device variation in graphene field-effect transistors on a Si/SiO <sub>2</sub> substrate as a platform for discriminative gas sensing. <i>Applied Physics Letters</i> , <b>2014</b> , 104, 013114	3.4	24
66	Contactless monitoring of the diameter-dependent conductivity of GaAs nanowires. <i>Nano Research</i> , <b>2010</b> , 3, 706-713	10	22
65	The electrical characterization of a multi-electrode odor detection sensor array based on the single SnO <sub>2</sub> nanowire. <i>Thin Solid Films</i> , <b>2011</b> , 520, 898-903	2.2	21
64	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 TiO <sub>2</sub> Rutile Nanowire. <i>Journal of Physical Chemistry C</i> , <b>2010</b> , 114, 17233-17237	3.8	21
63	Stateful characterization of resistive switching TiO with electron beam induced currents. <i>Nature Communications</i> , <b>2017</b> , 8, 1972	17.4	20
62	Scanning Near-Field Microwave Microscopy of VO <sub>2</sub> and Chemical Vapor Deposition Graphene. <i>Advanced Functional Materials</i> , <b>2013</b> , 23, 2635-2645	15.6	20
61	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
60	Growth of Au on TiO <sub>2</sub> (110) on a Cluster-by-Cluster Basis. <i>Japanese Journal of Applied Physics</i> , <b>2003</b> , 42, 4795-4798	1.4	16
59	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
58	Toward Clean Suspended CVD Graphene. <i>RSC Advances</i> , <b>2016</b> , 6, 83954-83962	3.7	14
57	Heat dissipation from suspended self-heated nanowires: gas sensor prospective. <i>Nanotechnology</i> , <b>2013</b> , 24, 444009	3.4	13

56	Ag on Au/Si(111): Interfacial interactions on a submicrometer scale. <i>Physical Review B</i> , <b>1997</b> , 55, 4101-4104	3.9	13
55	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
54	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
53	Geometric structure of (NaCl) <sub>4</sub> 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
52	Synthesis of Au nanoclusters supported upon a TiO <sub>2</sub> nanotube array. <i>Journal of Materials Research</i> , <b>2005</b> , 20, 1093-1096	2.5	12
51	Innershell absorption spectroscopy on CdS: Free clusters and nanocrystals. <i>Journal of Chemical Physics</i> , <b>2001</b> , 114, 489	3.9	12
50	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
49	Metal Oxide Nanosponges as Chemical Sensors: Highly Sensitive Detection of Hydrogen with Nanosponge Titania. <i>Angewandte Chemie</i> , <b>2007</b> , 119, 4376-4379	3.6	11
48	Polarized Raman Scattering from a Single, Segmented SnO <sub>2</sub> Wire. <i>Journal of Physical Chemistry C</i> , <b>2011</b> , 115, 17270-17277	3.8	9
47	Copper phthalocyanine quasi-1D nanostructures: growth morphologies and gas sensing properties. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2008</b> , 8, 212-21	1.3	9
46	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
45	The effect of morphology and surface doping on sensitization of quasi-1D metal oxide nanowire gas sensors <b>2006</b> ,		9
44	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
43	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
42	Scanning photoelectron microscopy of a interface: Au coadsorbed on. <i>Surface Science</i> , <b>1997</b> , 377-379, 145-149	1.8	8
41	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
40	Ultrathin Gas Permeable Oxide Membranes for Chemical Sensing: Nanoporous Ta <sub>2</sub> O <sub>5</sub> Test Study. <i>Materials</i> , <b>2015</b> , 8, 6677-6684	3.5	7
39	Interface dynamics and electromigration of the system Au/AgSi(111) using photoelectron emission microscopy. <i>Surface Science</i> , <b>1997</b> , 377-379, 969-974	1.8	7

38	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
37	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
36	Characterization of individual SnO <sub>2</sub> nanobelts with STM. <i>Surface Science</i> , <b>2008</b> , 602, L112-L114	1.8	6
35	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
34	Local coexistence of VO <sub>2</sub> phases revealed by deep data analysis. <i>Scientific Reports</i> , <b>2016</b> , 6, 29216	4.9	6
33	Near-Field Probe Microscopy of Plasma Processing.. <i>Applied Physics Letters</i> , <b>2018</b> , 113,	3.4	6
32	Radiation damage of liquid electrolyte during focused X-ray beam photoelectron spectroscopy. <i>Surface Science</i> , <b>2020</b> , 697, 121608	1.8	5
31	Self-heated Nanowire Sensors: Opportunities, Optimization and Limitations <b>2009</b> ,		5
30	Spectromicroscopy and thermal evolution of a bimetallic interface. <i>Surface Science</i> , <b>1997</b> , 389, 241-250	1.8	5
29	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
28	Spectromicroscopy study of an Ni+Ag/Si(111) interface. <i>Surface and Interface Analysis</i> , <b>2000</b> , 30, 479-483	1.5	4
27	Local geometry and electronic structure of free NaCl clusters. <i>Physics of the Solid State</i> , <b>2000</b> , 42, 1942-1945	1.5	4
26	Spatially Resolved Potential and Li-Ion Distributions Reveal Performance-Limiting Regions in Solid-State Batteries. <i>ACS Energy Letters</i> , <b>2020</b> , 5, 3944-3951	20.1	4
25	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
24	Multisensor Micro-Arrays Based on Metal Oxide Nanowires for Electronic Nose Applications <b>2013</b> , 465-502		3
23	A novel model for (percolating) nanonet chemical sensors for microarray-based E-nose applications <b>2009</b> ,		3
22	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
21	Probing Electrified Liquid-Solid Interfaces with Scanning Electron Microscopy. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 56650-56657	9.5	3

20	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
19	Nanostructures: Sensor and Catalytic Properties. <i>Nanostructure Science and Technology</i> , <b>2008</b> , 305-344	0.9	3
18	Membrane-Based Environmental Cells for SEM in Liquids 78-105		2
17	Chemical Sensing and Catalysis by One-Dimensional Metal-Oxide Nanostructures. <i>ChemInform</i> , <b>2004</b> , 35, no		2
16	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
15	Graphene windows enable photoelectron microscopies of liquid samples.. <i>Microscopy and Microanalysis</i> , <b>2018</b> , 24, 68-71	0.5	1
14	Lattice-Symmetry-Driven Phase Competition in Vanadium Dioxide. <i>Materials Research Society Symposia Proceedings</i> , <b>2011</b> , 1292, 67		1
13	Chemical Sensors from Lead Metallophthalocyanine Whiskers <b>2007</b> ,		1
12	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
11	3-Dimensional Hydrogel Printing via Electron Crosslinking. <i>Microscopy and Microanalysis</i> , <b>2018</b> , 24, 348-349	0.5	1
10	SEM and Auger Electron Spectroscopy of Liquid Water through Graphene Membrane. <i>Microscopy and Microanalysis</i> , <b>2017</b> , 23, 880-881	0.5	
9	Graphene Membrane Encapsulation Platform for Multi-technique Spectromicroscopy of Wet Objects. <i>Microscopy and Microanalysis</i> , <b>2020</b> , 26, 2228-2229	0.5	
8	Operando Scanning Electron and Microwave Microscopies in Plasmas: A Comparative Analysis. <i>Microscopy and Microanalysis</i> , <b>2020</b> , 26, 2498-2499	0.5	
7	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	
6	Combinatorial Microscopy in Liquids with Low Energy Electrons. <i>Microscopy and Microanalysis</i> , <b>2017</b> , 23, 186-187	0.5	
5	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	
4	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		
3	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	



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|---|--------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|
| 2 | 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 |
| 1 | Polarization of the Graphene-Liquid Electrolyte Interface Probed by SEM. <i>Microscopy and Microanalysis</i> , <b>2018</b> , 24, 354-355                     | 0.5 |