

Enda McGlynn

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4029837/publications.pdf>

Version: 2024-02-01

135
papers

2,060
citations

236925

25
h-index

315739

38
g-index

139
all docs

139
docs citations

139
times ranked

2565
citing authors

#	ARTICLE	IF	CITATIONS
1	Rapid area deactivation for blocking atomic layer deposition processes using polystyrene brush layers. <i>Journal of Materials Chemistry C</i> , 2022, 10, 7476-7484.	5.5	1
2	Analysing trimethylaluminum infiltration into polymer brushes using a scalable area selective vapor phase process. <i>Materials Advances</i> , 2021, 2, 769-781.	5.4	13
3	Photoelectrocatalytic Degradation of Methylene Blue Using ZnO Nanorods Fabricated on Silicon Substrates. <i>Journal of Nanoscience and Nanotechnology</i> , 2020, 20, 1177-1188.	0.9	9
4	Precise Definition of a "Monolayer Point" in Polymer Brush Films for Fabricating Highly Coherent TiO ₂ Thin Films by Vapor-Phase Infiltration. <i>Langmuir</i> , 2020, 36, 12394-12402.	3.5	13
5	Aluminium oxide formation via atomic layer deposition using a polymer brush mediated selective infiltration approach. <i>Applied Surface Science</i> , 2020, 515, 145987.	6.1	7
6	Surface characterization of poly-2-vinylpyridine "A polymer for area selective deposition techniques. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2019, 37, 050601.	2.1	7
7	Hard x-ray photoelectron spectroscopy study of copper formation by metal salt inclusion in a polymer film. <i>Journal Physics D: Applied Physics</i> , 2019, 52, 435301.	2.8	10
8	H ₂ O ₂ -assisted photoelectrocatalytic degradation of Mitoxantrone using CuO nanostructured films: Identification of by-products and toxicity. <i>Science of the Total Environment</i> , 2019, 651, 2845-2856.	8.0	34
9	Field enhancement of multiphoton induced luminescence processes in ZnO nanorods. <i>Journal Physics D: Applied Physics</i> , 2018, 51, 105306.	2.8	5
10	Local atomic environment of the Cu-related defect in zinc oxide. <i>Journal Physics D: Applied Physics</i> , 2017, 50, 145105.	2.8	1
11	Pronounced effects of oxygen growth pressure on structure and properties of ZnO and AZO films laser deposited on Zeonor polymer. <i>Thin Solid Films</i> , 2017, 621, 171-177.	1.8	5
12	High quality interconnected core/shell ZnO nanorod architectures grown by pulsed laser deposition on ZnO-seeded Si substrates. <i>Superlattices and Microstructures</i> , 2017, 101, 8-14.	3.1	11
13	Growth of ¹⁸ O isotopically enriched ZnO nanorods by two novel VPT methods. <i>Journal of Crystal Growth</i> , 2017, 460, 85-93.	1.5	2
14	Enhanced Optical Properties of ZnO and CeO ₂ -coated ZnO Nanostructures Achieved Via Spherical Nanoshells Growth On A Polystyrene Template. <i>Scientific Reports</i> , 2017, 7, 3737.	3.3	4
15	Control of crystal structure, morphology and optical properties of ceria films by post deposition annealing treatments. <i>Thin Solid Films</i> , 2016, 603, 363-370.	1.8	10
16	Chemical and electrical characterisation of the segregation of Al from a CuAl alloy (90%:10% wt) with thermal anneal. <i>Thin Solid Films</i> , 2016, 599, 59-63.	1.8	3
17	Crystal Symmetry, Lattice Vibrations, and Optical Spectroscopy of Solids: A Group Theoretical Approach. <i>Contemporary Physics</i> , 2016, 57, 96-99.	1.8	0
18	Relativistic laser nano-plasmonics for effective fast particle production. <i>Plasma Physics and Controlled Fusion</i> , 2016, 58, 014038.	2.1	22

#	ARTICLE	IF	CITATIONS
19	Origin of the 3.331 eV emission in ZnO nanorods: Comparison of vapour phase transport and pulsed laser deposition grown nanorods. <i>Journal of Luminescence</i> , 2016, 175, 117-121.	3.1	4
20	Highly transparent and reproducible nanocrystalline ZnO and AZO thin films grown by room temperature pulsed-laser deposition on flexible Zeonor plastic substrates. <i>Materials Research Express</i> , 2015, 2, 096401.	1.6	19
21	Crystalline ZnO/Amorphous ZnO Core/Shell Nanorods: Self-Organized Growth, Structure, and Novel Luminescence. <i>Journal of Physical Chemistry C</i> , 2015, 119, 4848-4855.	3.1	12
22	Control and enhancement of the oxygen storage capacity of ceria films by variation of the deposition gas atmosphere during pulsed DC magnetron sputtering. <i>Journal of Power Sources</i> , 2015, 279, 94-99.	7.8	10
23	Growth of isotopically enriched ZnO nanorods of excellent optical quality. <i>Journal of Crystal Growth</i> , 2015, 429, 6-12.	1.5	11
24	ZnO nanorods for efficient third harmonic UV generation: erratum. <i>Optical Materials Express</i> , 2014, 4, 1243.	3.0	3
25	ZnO nanorods for efficient third harmonic UV generation. <i>Optical Materials Express</i> , 2014, 4, 701.	3.0	17
26	Influence of ZnO nanowire array morphology on field emission characteristics. <i>Nanotechnology</i> , 2014, 25, 135604.	2.6	10
27	Defect-mediated ferromagnetism in ZnO:Mn nanorods. <i>Applied Physics A: Materials Science and Processing</i> , 2014, 115, 313-321.	2.3	8
28	The luminescent properties of CuAlO ₂ . <i>Journal of Materials Chemistry C</i> , 2014, 2, 7859-7868.	5.5	20
29	Synthesis and characterization of Mn-doped ZnO nanorods grown in an ordered periodic honeycomb pattern using nanosphere lithography. <i>Ceramics International</i> , 2014, 40, 7753-7759.	4.8	24
30	Alignment, Morphology and Defect Control of Vertically Aligned ZnO Nanorod Array: Competition between "Surfactant" and "Stabilizer" Roles of the Amine Species and Its Photocatalytic Properties. <i>Crystal Growth and Design</i> , 2014, 14, 2873-2879.	3.0	33
31	Defect-induced room temperature ferromagnetism in B-doped ZnO. <i>Ceramics International</i> , 2013, 39, 4609-4617.	4.8	30
32	Dellafossite CuAlO ₂ film growth and conversion to Cu-Al ₂ O ₃ metal ceramic composite via control of annealing atmospheres. <i>CrystEngComm</i> , 2013, 15, 6144.	2.6	12
33	The identification and nature of bound exciton I-line PL systems in ZnO. , 2013, , .		0
34	The Hg isoelectronic defect in ZnO. <i>Journal of Applied Physics</i> , 2013, 114, 193515.	2.5	2
35	Chemical identification of luminescence due to Sn and Sb in ZnO. <i>Applied Physics Letters</i> , 2013, 102, 192110.	3.3	13
36	Uniaxial stress and Zeeman spectroscopy of the 3.324-eV Ge-related photoluminescence in ZnO. <i>Physical Review B</i> , 2013, 87, .	3.2	5

#	ARTICLE	IF	CITATIONS
37	Multiphoton excitation of surface plasmon-polaritons and scaling of nanoripple formation in large bandgap materials. <i>Optical Materials Express</i> , 2013, 3, 1705.	3.0	60
38	Study of exciton-polariton modes in nanocrystalline thin films of CuCl using reflectance spectroscopy. <i>Journal of Applied Physics</i> , 2012, 112, 033505.	2.5	6
39	Microscopic origins of the surface exciton photoluminescence in ZnO nanostructures. <i>Proceedings of SPIE</i> , 2012, , .	0.8	0
40	Unambiguous identification of the role of a single Cu atom in the ZnO structured green band. <i>Journal of Physics Condensed Matter</i> , 2012, 24, 215802.	1.8	24
41	Length versus Radius Relationship for ZnO Nanowires Grown via Vapor Phase Transport. <i>Crystal Growth and Design</i> , 2012, 12, 5972-5979.	3.0	11
42	Effects of Cu diffusion-doping on structural, optical, and magnetic properties of ZnO nanorod arrays grown by vapor phase transport method. <i>Journal of Applied Physics</i> , 2012, 111, 013903.	2.5	25
43	Structural, optical and magnetic properties of Ni-doped ZnO micro-rods grown by the spray pyrolysis method. <i>Chemical Physics Letters</i> , 2012, 525-526, 72-76.	2.6	62
44	Low temperature growth technique for nanocrystalline cuprous oxide thin films using microwave plasma oxidation of copper. <i>Materials Letters</i> , 2012, 71, 160-163.	2.6	11
45	Structural, optical and magnetic properties of Zn _{1-x} Mn _x O micro-rod arrays synthesized by spray pyrolysis method. <i>Thin Solid Films</i> , 2012, 520, 5172-5178.	1.8	32
46	Observation of epitaxially ordered twinned zinc aluminate nanoblades on c-sapphire. <i>Journal of Materials Science: Materials in Electronics</i> , 2012, 23, 758-765.	2.2	0
47	A catalyst-free and facile route to periodically ordered and c-axis aligned ZnO nanorod arrays on diverse substrates. <i>Nanoscale</i> , 2011, 3, 1675.	5.6	25
48	Study of Morphological and Related Properties of Aligned Zinc Oxide Nanorods Grown by Vapor Phase Transport on Chemical Bath Deposited Buffer Layers. <i>Crystal Growth and Design</i> , 2011, 11, 5378-5386.	3.0	29
49	Theoretical Analysis of Nucleation and Growth of ZnO Nanostructures in Vapor Phase Transport Growth. <i>Crystal Growth and Design</i> , 2011, 11, 4581-4587.	3.0	12
50	Field emission in ordered arrays of ZnO nanowires prepared by nanosphere lithography and extended Fowler-Nordheim analyses. <i>Journal of Applied Physics</i> , 2011, 110, .	2.5	16
51	Structural, optical and magnetic properties of Cr doped ZnO microrods prepared by spray pyrolysis method. <i>Applied Surface Science</i> , 2011, 257, 9293-9298.	6.1	88
52	Control of ZnO nanowire arrays by nanosphere lithography (NSL) on laser-produced ZnO substrates. <i>Applied Surface Science</i> , 2011, 257, 5159-5162.	6.1	11
53	Effects of the crystallite mosaic spread on integrated peak intensities in 2θ measurements of highly crystallographically textured ZnO thin films. <i>Journal Physics D: Applied Physics</i> , 2011, 44, 375401. Evidence for As lattice location and Ge bound exciton luminescence in ZnO implanted with	2.8	20
54	Physi	3.2	6

#	ARTICLE	IF	CITATIONS
55	Microscopic origins of the surface exciton photoluminescence peak in ZnO nanostructures. <i>Physical Review B</i> , 2011, 83, .	3.2	30
56	A novel, substrate independent three-step process for the growth of uniform ZnO nanorod arrays. <i>Thin Solid Films</i> , 2010, 518, 4489-4492.	1.8	27
57	Thermodynamic aspects of the gas atmosphere and growth mechanism in carbothermal vapour phase transport synthesis of ZnO nanostructures. <i>Thin Solid Films</i> , 2010, 518, 4578-4581.	1.8	8
58	Multiphoton-absorption induced ultraviolet luminescence of ZnO nanorods using low-energy femtosecond pulses. <i>Journal of Applied Physics</i> , 2010, 108, .	2.5	23
59	Spatially Resolved Investigation of the Optical and Structural Properties of CuCl Thin Films on Si. , 2010, , .		0
60	A Study of Drop-Coated and Chemical Bath-Deposited Buffer Layers for Vapor Phase Deposition of Large Area, Aligned, Zinc Oxide Nanorod Arrays. <i>Crystal Growth and Design</i> , 2010, 10, 2400-2408.	3.0	36
61	Carbothermal reduction vapor phase transport growth of ZnO nanostructures: Effects of various carbon sources. <i>Journal of Applied Physics</i> , 2009, 105, .	2.5	33
62	ZnO films grown by pulsed-laser deposition on soda lime glass substrates for the ultraviolet inactivation of <i>Staphylococcus epidermidis</i> biofilms. <i>Science and Technology of Advanced Materials</i> , 2009, 10, 045003.	6.1	31
63	Spatial inhomogeneity of donor bound exciton emission from ZnO nanostructures grown on Si. <i>Nanotechnology</i> , 2009, 20, 255703.	2.6	5
64	Growth and field emission properties of ZnO nanostructures deposited by a novel pulsed laser ablation source on silicon substrates. <i>Ultramicroscopy</i> , 2009, 109, 399-402.	1.9	5
65	Optical properties of undoped and oxygen doped CuCl films on silicon substrates. <i>Journal of Materials Science: Materials in Electronics</i> , 2009, 20, 76-80.	2.2	9
66	UV emission on a Si substrate: Optical and structural properties of δ^3 -CuCl on Si grown using liquid phase epitaxy techniques. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2009, 206, 923-926.	1.8	5
67	Carbothermal reduction growth of ZnO nanostructures on sapphire—comparisons between graphite and activated charcoal powders. <i>Microelectronics Journal</i> , 2009, 40, 259-261.	2.0	12
68	Growth and characterisation of epitaxially ordered zinc aluminate domains on c-sapphire. <i>Thin Solid Films</i> , 2008, 516, 1725-1735.	1.8	5
69	A note on linking electrical current, magnetic fields, charges and the pole in a barn paradox in special relativity. <i>European Journal of Physics</i> , 2008, 29, N63-N67.	0.6	2
70	Growth of ZnO nanostructures on Au-coated Si: Influence of growth temperature on growth mechanism and morphology. <i>Journal of Applied Physics</i> , 2008, 104, .	2.5	30
71	Control of ZnO nanorod array density by Zn supersaturation variation and effects on field emission. <i>Nanotechnology</i> , 2007, 18, 215704.	2.6	48
72	Splitting of point defect energy levels in wurtzite crystals under uniaxial stresses applied along arbitrary directions. <i>Physical Review B</i> , 2007, 76, .	3.2	6

#	ARTICLE	IF	CITATIONS
73	Morphological control of ZnO nanostructures grown on silicon. , 2007, 6474, 238.		0
74	P-type nitrogen- and phosphorus-doped ZnO thin films grown by pulsed laser deposition on sapphire substrates. , 2007, , .		2
75	Introducing gyroscopes quantitatively without putting students into a spin. European Journal of Physics, 2007, 28, 479-486.	0.6	1
76	Nitrogen doping of ZnO thin films grown by plasma-assisted pulsed-laser deposition. Journal of Physics: Conference Series, 2007, 59, 505-509.	0.4	4
77	(20~23) ZnO thin films grown by pulsed laser deposition on CeO ₂ -buffered r-sapphire substrate. Journal of Applied Physics, 2007, 101, 013509.	2.5	34
78	ZnO nanostructured thin films grown by pulsed laser deposition in mixed O ₂ / Ar background gas. Superlattices and Microstructures, 2007, 42, 468-472.	3.1	15
79	Morphological control of ZnO nanostructures on silicon substrates. Superlattices and Microstructures, 2007, 42, 337-342.	3.1	7
80	Characterization of nitrogen-doped ZnO thin films grown by plasma-assisted pulsed laser deposition on sapphire substrates. Superlattices and Microstructures, 2007, 42, 21-25.	3.1	34
81	Self-organized ZnAl ₂ O ₄ nanostructures grown on -sapphire. Superlattices and Microstructures, 2007, 42, 327-332.	3.1	3
82	Electrical characterisation of phosphorus-doped ZnO thin films grown by pulsed laser deposition. Superlattices and Microstructures, 2007, 42, 74-78.	3.1	23
83	Effects of excitonic diffusion on stimulated emission in nanocrystalline ZnO. Applied Physics Letters, 2006, 88, 071919.	3.3	18
84	ZnO thin films grown on platinum (111) buffer layers by pulsed laser deposition. Thin Solid Films, 2006, 500, 78-83.	1.8	15
85	Growth of crystalline ZnO nanostructures using pulsed laser deposition. Superlattices and Microstructures, 2006, 39, 153-161.	3.1	9
86	p-type conduction above room temperature in nitrogen-doped ZnO thin film grown by plasma-assisted pulsed laser deposition. Electronics Letters, 2006, 42, 1181.	1.0	6
87	Identification of donor-related impurities in ZnO using photoluminescence and radiotracer techniques. Physical Review B, 2006, 73, .	3.2	59
88	Comment on "Thermodynamic derivations of the mechanical equilibrium conditions for fluid surfaces: Young's and Laplace's equations," by P. Roura [Am. J. Phys. 73 (12), 1139-1147 (2005)]. American Journal of Physics, 2006, 74, 937-938.		2
89	Laterally and vertically grown ZnO nanostructures on sapphire. , 2005, , .		0
90	Spectroscopic study of the properties of chemically modified ZnO nanowires. , 2005, , .		0

#	ARTICLE	IF	CITATIONS
91	Evaluation of the optical properties of epitaxial lateral overgrown gallium nitride on sapphire and the role of optically active metastable defects using cathodoluminescence and photoluminescence spectroscopy. <i>Thin Solid Films</i> , 2005, 473, 308-314.	1.8	8
92	Comparison of structural, optical and electrical properties of undoped ZnO thin films grown on - and - Al ₂ O ₃ substrates using pulsed laser deposition. <i>Superlattices and Microstructures</i> , 2005, 38, 256-264.	3.1	12
93	Studying the growth conditions, the alignment and structure of ZnO nanorods. <i>Surface and Coatings Technology</i> , 2005, 200, 1093-1096.	4.8	43
94	Properties of Li-, P- and N-doped ZnO thin films prepared by pulsed laser deposition. <i>Superlattices and Microstructures</i> , 2005, 38, 397-405.	3.1	37
95	Synthesis and photoluminescence of ZnO nanowires/nanorods. <i>Journal of Materials Science: Materials in Electronics</i> , 2005, 16, 397-401.	2.2	17
96	Fabrication of p-type doped ZnO thin films using pulsed laser deposition. <i>Journal of Materials Science: Materials in Electronics</i> , 2005, 16, 421-427.	2.2	18
97	Influence of C ₄ F ₈ /Ar/O ₂ plasma etching on SiO ₂ surface chemistry. <i>Journal of Materials Science: Materials in Electronics</i> , 2005, 16, 541-547.	2.2	11
98	The First EU Science Olympiad (EUSO): a model for science education. <i>Journal of Biological Education</i> , 2005, 39, 58-62.	1.5	12
99	Study of exciton-polariton modes in nanocrystalline thin films of ZnO using reflectance spectroscopy. <i>Nanotechnology</i> , 2005, 16, 2625-2632.	2.6	10
100	Surface excitonic emission and quenching effects in ZnO nanowire/nanowall systems: Limiting effects on device potential. <i>Physical Review B</i> , 2005, 71, .	3.2	183
101	Infrared light emission from GaAs MESFETs operating at avalanche breakdown conditions. <i>Semiconductor Science and Technology</i> , 2004, 19, S94-S95.	2.0	9
102	A new science competition for secondary school students: the First European Union Science Olympiad. <i>European Journal of Physics</i> , 2004, 25, 23-29.	0.6	4
103	Effect of polycrystallinity on the optical properties of highly oriented ZnO grown by pulsed laser deposition. <i>Thin Solid Films</i> , 2004, 458, 330-335.	1.8	19
104	The dominant role of adsorbed fluid layers on the polar surfaces of ZnO in ambient atmospheric conditions. <i>Nanotechnology</i> , 2004, 15, 1797-1801.	2.6	14
105	Ultraviolet stimulated emission from bulk and polycrystalline ZnO thin films with varying grain sizes. <i>Physica B: Condensed Matter</i> , 2003, 340-342, 245-249.	2.7	14
106	Exciton-polariton behaviour in bulk and polycrystalline ZnO. <i>Physica B: Condensed Matter</i> , 2003, 340-342, 230-234.	2.7	6
107	Optical absorption of a Li-related impurity in ZnO. <i>Physica B: Condensed Matter</i> , 2003, 340-342, 225-229.	2.7	10
108	Excitonic properties of the polar faces of bulk ZnO after wet etching. <i>Physica B: Condensed Matter</i> , 2003, 340-342, 210-215.	2.7	15

#	ARTICLE	IF	CITATIONS
109	Investigation of optical metastability in GaN using photoluminescence spectroscopy. Physica B: Condensed Matter, 2003, 340-342, 452-456.	2.7	7
110	Correlation of Raman and X-ray diffraction measurements of annealed pulsed laser deposited ZnO thin films. Thin Solid Films, 2003, 436, 273-276.	1.8	46
111	Pulsed laser deposition of manganese doped GaN thin films. Solid-State Electronics, 2003, 47, 533-537.	1.4	15
112	Pulsed laser deposition of ZnO and Mn-doped ZnO thin films. Applied Surface Science, 2003, 208-209, 589-593.	6.1	24
113	Pulsed laser deposition of wide-bandgap semiconductor thin films. , 2003, 4876, 508.		1
114	Study of photoluminescence at 3.310 and 3.368 eV in GaN/sapphire(0001) and GaN/GaAs(001) grown by liquid-target pulsed-laser deposition. Applied Physics Letters, 2002, 80, 3301-3303.	3.3	16
115	The evolution of point defects in semiconductors studied using the decay of implanted radioactive isotopes. Nuclear Instruments & Methods in Physics Research B, 2001, 178, 256-259.	1.4	6
116	Photoluminescence study of GaN grown by pulsed laser deposition in nitrogen atmosphere. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2001, 82, 128-130.	3.5	0
117	Defect luminescence of GaN grown by pulsed laser deposition. Journal of Crystal Growth, 2001, 222, 497-502.	1.5	16
118	Uniaxial stress study of the 1026meV center in Si:Pt. Physical Review B, 2001, 63, .	3.2	5
119	RHEED studies of nucleation of Ge islands on Si(001) and optical properties of ultra-small Ge quantum dots. Thin Solid Films, 2000, 369, 79-83.	1.8	35
120	Comparative study of the expansion dynamics of Ga ⁺ ions in the laser ablation of Ga and GaN using time-resolved extreme UV absorption spectroscopy. Applied Surface Science, 2000, 168, 150-153.	6.1	5
121	Photoluminescence analysis of semiconductors using radioactive isotopes. , 2000, 129, 443-460.		14
122	Piezo-spectroscopic induced perturbations for defects in cubic crystals under uniaxial stress applied along arbitrary low-symmetry crystal directions. Journal of Physics Condensed Matter, 2000, 12, 7055-7068.	1.8	1
123	Photoluminescence spectroscopy of an Al-C complex in silicon. Physical Review B, 1999, 59, 10084-10090.	3.2	0
124	The 777meV photoluminescence band in Si:Pt. Physica B: Condensed Matter, 1999, 273-274, 420-423.	2.7	2
125	Deep level anomalies in silicon doped with radioactive Au atoms. Physica B: Condensed Matter, 1999, 273-274, 433-436.	2.7	2
126	Study of bound exciton excited state structure using photothermal ionisation spectroscopy. Physica B: Condensed Matter, 1999, 273-274, 1011-1014.	2.7	0

#	ARTICLE	IF	CITATIONS
127	Cadmium–lithium defects in silicon. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 1999, 58, 159-162.	3.5	0
128	Radioactive Isotope Identifications of Au and Pt Photoluminescence Centres in Silicon. <i>Physica Status Solidi (B): Basic Research</i> , 1998, 210, 853-858.	1.5	9
129	Optical characterisation of thin film benzocyclobutene (BCB) based polymers. <i>Microelectronic Engineering</i> , 1997, 33, 363-368.	2.4	12
130	The complexing of oxygen with the Group II impurities Be, Cd and Zn in silicon. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 1996, 36, 116-119.	3.5	5
131	Photoluminescence study of cadmium-related defects in oxygen-rich silicon. <i>Physical Review B</i> , 1996, 54, 14494-14503.	3.2	10
132	A photoluminescence study of a series of closely related axial defects of monoclinic I and rhombic I symmetry in oxygen-rich, zinc-doped silicon. <i>Semiconductor Science and Technology</i> , 1996, 11, 930-934.	2.0	2
133	Oxygen complexing with group II impurities in silicon. <i>Solid State Communications</i> , 1995, 93, 454.	1.9	0
134	Imaging semiconductor wafers using photoluminescence. <i>Optical Engineering</i> , 1994, 33, 3974.	1.0	0
135	Fabrication of High- ϵ_r Dielectric Metal Oxide Films on Topographically Patterned Substrates: Polymer Brush-Mediated Depositions. <i>ACS Applied Materials & Interfaces</i> , 0, , .	8.0	1