Christian Teichert

List of Publications by Year
in descending order

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231	6,689	94269	85405
papers	citations	37 h-index	71 g-index

237	237	237	6093
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Assessing Fireâ€Damage in Historical Papers and Alleviating Damage with Soft Cellulose Nanofibers. Small, 2022, 18, e2105420.	5.2	5
2	NMRâ€Based Crossâ€Link Densities in EPDM and EPDM/ULDPE Blend Materials and Correlation with Mechanical Properties. Macromolecular Materials and Engineering, 2022, 307, .	1.7	3
3	Nanoindentation for Fast Investigation of PET Film Degradation. Jom, 2022, 74, 2287-2294.	0.9	3
4	Probing the charge transfer and electronâ€“hole asymmetry in grapheneâ€“graphene quantum dot heterostructure. Nanotechnology, 2022, 33, 325704.	1.3	2
5	Comprehensive investigation of the viscoelastic properties of PMMA by nanoindentation. Polymer Testing, 2021, 93, 106978.	2.3	19
6	On the magnetic nanostructure of a Coâ€“Cu alloy processed by high-pressure torsion. Journal of Science: Advanced Materials and Devices, 2021, 6, 33-41.	1.5	4
7	A compressible plasticity model for pulp fibers under transverse load. Mechanics of Materials, 2021, 153, 103672.	1.7	7
8	Two-dimensional talc as a van der Waals material for solid lubrication at the nanoscale. Nanotechnology, 2021, 32, 265701.	1.3	14
9	PEDOT-supported Pd nanocatalysts â€“ oxidation of formic acid. Electrochimica Acta, 2021, 374, 137931.	2.6	4
10	Local-probe based electrical characterization of a multiphase intermetallic Î³-TiAl based alloy. Journal of Applied Physics, 2021, 129, 205107.	1.1	0
11	Longitudinal and transverse low frequency viscoelastic characterization of wood pulp fibers at different relative humidity. Materialia, 2021, 16, 101094.	1.3	9
12	Twisted graphene in graphite: Impact on surface potential and chemical stability. Carbon, 2021, 176, 431-439.	5.4	10
13	A modelling approach to describe the DC current-voltage behaviour of low-voltage zinc oxide varistors. Open Ceramics, 2021, 6, 100113.	1.0	5
14	Morphological characterization of semi-crystalline POM using nanoindentation. International Journal of Polymer Analysis and Characterization, 2021, 26, 692-706.	0.9	7
15	Carbon screen-printed electrodes for substrate-assisted electroless deposition of palladium. Journal of Electroanalytical Chemistry, 2021, 897, 115617.	1.9	5
16	The transverse and longitudinal elastic constants of pulp fibers in paper sheets. Scientific Reports, 2021, 11, 22411.	1.6	6
17	Iron-rich talc as air-stable platform for magnetic two-dimensional materials. Npj 2D Materials and Applications, 2021, 5, .	3.9	7
18	Synthesis and Assembly of Zinc Oxide Microcrystals by a Lowâ€Temperature Dissolutionâ€“Reprecipitation Process: Lessons Learned About Twin Formation in Heterogeneous Reactions. Chemistry - A European Journal, 2020, 26, 9319-9329.	1.7	1

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19	Piezoelectric Properties of Zinc Oxide Thin Films Grown by Plasmaâ€Enhanced Atomic Layer Deposition. Physica Status Solidi (A) Applications and Materials Science, 2020, 217, 2000319.	0.8	20
20	Interfacial Band Engineering of MoS₂/Gold Interfaces Using Pyrimidineâ€Containing Selfâ€Assembled Monolayers: Toward Contactâ€Resistanceâ€Free Bottomâ€Contacts. Advanced Electronic Materials, 2020, 6, 2000110.	2.6	18
21	MassiveÂand massless charge carriers in an epitaxially strained alkali metal quantum well on graphene. Nature Communications, 2020, 11, 1340.	5.8	8
22	Mechanical Properties of cellulose fibers measured by Brillouin spectroscopy. Cellulose, 2020, 27, 4209-4220.	2.4	28
23	Single-step fabrication and work function engineering of Langmuir-Blodgett assembled few-layer graphene films with Li and Au salts. Scientific Reports, 2020, 10, 8476.	1.6	11
24	Molecular Structure and Electronic Properties of para-Hexaphenyl Monolayer on Atomically Flat Rutile TiO₂(110). Journal of Physical Chemistry C, 2020, 124, 5681-5689.	1.5	3
25	Initial Stage of para-Hexaphenyl Thin-Film Growth Controlled by the Step Structure of the Ion-Beam-Modified TiO2(110) Surface. Journal of Physical Chemistry C, 2019, 123, 20257-20269.	1.5	1
26	Lightâ€Assisted Charge Propagation in Networks of Organic Semiconductor Crystallites on Hexagonal Boron Nitride. Advanced Functional Materials, 2019, 29, 1903816.	7.8	6
27	Organic Nanostructures: Lightâ€Assisted Charge Propagation in Networks of Organic Semiconductor Crystallites on Hexagonal Boron Nitride (Adv. Funct. Mater. 43/2019). Advanced Functional Materials, 2019, 29, 1970300.	7.8	0
28	Adsorption and epitaxial growth of small organic semiconductors on hexagonal boron nitride. Journal Physics D: Applied Physics, 2019, 52, 383001.	1.3	15
29	Alkyl chain assisted thin film growth of 2,7-dioctyloxy-benzothienobenzothiophene. Journal of Materials Chemistry C, 2019, 7, 8477-8484.	2.7	11
30	Transverse viscoelastic properties of pulp fibers investigated with an atomic force microscopy method. Journal of Materials Science, 2019, 54, 11448-11461.	1.7	13
31	A minimal continuum representation of a transverse isotropic viscoelastic pulp fibre based on micromechanical measurements. Mechanics of Materials, 2019, 135, 149-161.	1.7	11
32	The role of the probe tip material in distinguishing p- and n-type domains in bulk heterojunction solar cells by atomic force microscopy based methods. Journal of Applied Physics, 2019, 125, 185305.	1.1	5
33	Design of Friction, Morphology, Wetting, and Protein Affinity by Cellulose Blend Thin Film Composition. Frontiers in Chemistry, 2019, 7, 239.	1.8	6
34	Terahertz emission from layered GaTe crystal due to surface lattice reorganization and in-plane noncubic mobility anisotropy. Photonics Research, 2019, 7, 518.	3.4	10
35	Switching â€œonâ€•and â€œoffâ€•the adhesion in stimuli-responsive elastomers. Soft Matter, 2018, 14, 2547-2559.	1.2	34
36	Reconstruction of the domain orientation distribution function of polycrystalline PZT ceramics using vector piezoresponse force microscopy. Scientific Reports, 2018, 8, 422.	1.6	18

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37	Growth morphologies of dihydro-tetraaza-acenes on c-plane sapphire. Surface Science, 2018, 678, 128-135.	0.8	6
38	Combining adhesive contact mechanics with a viscoelastic material model to probe local material properties by AFM. Soft Matter, 2018, 14, 140-150.	1.2	33
39	Twin boundary dominated electric field distribution in CdZnTe detectors. Chinese Physics B, 2018, 27, 117202.	0.7	6
40	Molecules on rails: friction anisotropy and preferential sliding directions of organic nanocrystallites on two-dimensional materials. Nanoscale, 2018, 10, 18835-18845.	2.8	9
41	Recent developments in surface science and engineering, thin films, nanoscience, biomaterials, plasma science, and vacuum technology. Thin Solid Films, 2018, 660, 120-160.	0.8	27
42	Fabrication of ion bombardment induced rippled TiO₂ surfaces to influence subsequent organic thin film growth. Journal of Physics Condensed Matter, 2018, 30, 283001.	0.7	3
43	Enhanced terahertz response of diluted magnetic semiconductor Zn_1-xMnxTe crystals. Optical Materials Express, 2018, 8, 157.	1.6	4
44	Effect of the Polymer Chain Arrangement on Exciton and Polaron Dynamics in P3HT and P3HT:PCBM Films. Journal of Physical Chemistry C, 2018, 122, 17096-17109.	1.5	28
45	Inkjet Printing of Soft, Stretchable Optical Waveguides through the Photopolymerization of High-Profile Linear Patterns. ACS Applied Materials & Interfaces, 2017, 9, 4941-4947.	4.0	34
46	Complementary High Spatial Resolution Methods in Materials Science and Engineering. Advanced Engineering Materials, 2017, 19, 1600671.	1.6	5
47	Reversibility of temperature driven discrete layer-by-layer formation of dioctyl-benzothieno-benzothiophene films. Soft Matter, 2017, 13, 2322-2329.	1.2	22
48	From Permeation to Cluster Arrays: Graphene on Ir(111) Exposed to Carbon Vapor. Nano Letters, 2017, 17, 3105-3112.	4.5	20
49	Anti-adhesive layers on stainless steel using thermally stable dipodal perfluoroalkyl silanes. Applied Surface Science, 2017, 416, 824-833.	3.1	27
50	Opposite interaction matters. Nature Materials, 2017, 16, 604-606.	13.3	2
51	Effects of hole-transport layer homogeneity in organic solar cells â€“ A multi-length scale study. Surfaces and Interfaces, 2017, 6, 72-80.	1.5	13
52	Probing charge transfer between molecular semiconductors and graphene. Scientific Reports, 2017, 7, 9544.	1.6	25
53	Atomicâ€Force Microscopy Investigations on Fracture Surfaces of Inorganic, Fullereneâ€Like WS₂ (IFâ€WS₂)â€“epoxy Nanocomposites. Macromolecular Symposia, 2017, 373, 1600127.	0.4	0
54	Surface analysis of epitaxially grown GeSn alloys with Sn contents between 15% and 18%. Surface and Interface Analysis, 2017, 49, 297-302.	0.8	21

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55	Macroscopic versus microscopic photovoltaic response of heterojunctions based on mechanochemically prepared nanopowders of kesterite and n-type semiconductors. Semiconductor Physics, Quantum Electronics and Optoelectronics, 2017, 20, 418-423.	0.3	2
56	Cantilever bending based on humidity-actuated mesoporous silica/silicon bilayers. Beilstein Journal of Nanotechnology, 2016, 7, 637-644.	1.5	15
57	Influence of TiO2(110) surface roughness on growth and stability of thin organic films. Journal of Chemical Physics, 2016, 145, 144703.	1.2	6
58	Epitaxy of highly ordered organic semiconductor crystallite networks supported by hexagonal boron nitride. Scientific Reports, 2016, 6, 38519.	1.6	26
59	Phase decomposition in the chromium- and silicon-poisoned IT-SOFC cathode materials La0.6Sr0.4CoO3-Î´ and La2NiO4+Î´. Solid State Ionics, 2016, 288, 14-21.	1.3	24
60	Design and application of photo-reversible elastomer networks by using the [4Ï€s+4Ï€s] cycloaddition reaction of pendant anthracene groups. Polymer, 2016, 102, 10-20.	1.8	37
61	Data on synthesis and thermo-mechanical properties of stimuli-responsive rubber materials bearing pendant anthracene groups. Data in Brief, 2016, 9, 524-529.	0.5	1
62	Principal Factors of Contact Charging of Minerals for a Successful Triboelectrostatic Separation Process â€“ a Review. BHM-Zeitschrift Fuer Rohstoffe Geotechnik Metallurgie Werkstoffe Maschinen-Und Anlagentechnik, 2016, 161, 359-382.	0.4	13
63	Back Cover: Macromol. Mater. Eng. 1/2016. Macromolecular Materials and Engineering, 2016, 301, 110-110.	1.7	0
64	The Cellulose Source Matters-Hollow Semi Spheres or Fibers by Needleless Electrospinning. Macromolecular Materials and Engineering, 2016, 301, 42-47.	1.7	11
65	Local charge trapping in Ge nanoclustersdetected by Kelvin probe force microscopy. Applied Surface Science, 2016, 389, 783-789.	3.1	10
66	Topography effects in AFM force mapping experiments on xylan-decorated cellulose thin films. Holzforschung, 2016, 70, 1115-1123.	0.9	9
67	Thin film growth of aromatic rod-like molecules on graphene. Nanotechnology, 2016, 27, 292001.	1.3	21
68	The effects of water uptake on mechanical properties of viscose fibers. Cellulose, 2015, 22, 2777-2786.	2.4	21
69	Modifying cellulose fibers by adsorption/precipitation of xylan. Cellulose, 2015, 22, 189-201.	2.4	11
70	How xylan effects the breaking load of individual fiberâ€“fiber joints and the single fiber tensile strength. Cellulose, 2015, 22, 849-859.	2.4	11
71	Polymorphism of dioctyl-terthiophene within thin films: The role of the first monolayer. Chemical Physics Letters, 2015, 630, 12-17.	1.2	23
72	Growth of para-Hexaphenyl Thin Films on Flat, Atomically Clean versus Air-Passivated TiO₂(110) Surfaces. Journal of Physical Chemistry C, 2015, 119, 17004-17015.	1.5	17

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73	Investigating inhomogeneous electronic properties of radial junction solar cells using correlative microscopy. Japanese Journal of Applied Physics, 2015, 54, 08KA08.	0.8	7
74	Evaporative gold nanorod assembly on chemically stripe-patterned gradient surfaces. Journal of Colloid and Interface Science, 2015, 449, 261-269.	5.0	11
75	Long-term stability of the IT-SOFC cathode materials La0.6Sr0.4CoO3â^Î´ and La2NiO4+Î´ against combined chromium and silicon poisoning. Solid State Ionics, 2015, 276, 62-71.	1.3	47
76	Effects of polymethylmethacrylate-transfer residues on the growth of organic semiconductor molecules on chemical vapor deposited graphene. Applied Physics Letters, 2015, 106, .	1.5	54
77	Automated Drop-on-Fiber contact angle measurement using a microrobotic platform. Nordic Pulp and Paper Research Journal, 2014, 29, 225-231.	0.3	3
78	Atomic Force Microscopy as a Tool to Explore Triboelectrostatic Phenomena in Mineral Processing. Chemie-Ingenieur-Technik, 2014, 86, 857-864.	0.4	17
79	Island shape anisotropy in organic thin film growth induced by ion-beam irradiated rippled surfaces. Physical Chemistry Chemical Physics, 2014, 16, 26112-26118.	1.3	11
80	AFM nanoindentation of pulp fibers and thin cellulose films at varying relative humidity. Holzforschung, 2014, 68, 53-60.	0.9	49
81	Micro four-point probe investigation of individual ZnO grain boundaries in a varistor ceramic. Journal of the European Ceramic Society, 2014, 34, 1963-1970.	2.8	19
82	Thin cellulose films as a model system for paper fibre bonds. Cellulose, 2014, 21, 237-249.	2.4	24
83	Mechanisms of topography formation of magnetron-sputtered chromium-based coatings on epoxy polymer composites. Surface and Coatings Technology, 2014, 241, 80-85.	2.2	14
84	Observation of elastic modulus inhomogeneities in thermosetting epoxies using AFM â€“ Discerning facts and artifacts. Polymer, 2014, 55, 4032-4040.	1.8	26
85	Distributed Bragg reflectors: Morphology of cellulose acetate and polystyrene multilayers. , 2014, , .		6
86	Application of the page-equation on flat shaped viscose fibre handsheets. Cellulose, 2014, 21, 3715-3724.	2.4	4
87	Shape of Picoliter Droplets on Chemically Striped Patterned Substrates. Langmuir, 2014, 30, 11574-11581.	1.6	33
88	Imaging of the formerly bonded area of individual fibre to fibre joints with SEM and AFM. Cellulose, 2014, 21, 251-260.	2.4	28
89	Inverted bulk-heterojunction solar cell with cross-linked hole-blocking layer. Organic Electronics, 2014, 15, 997-1001.	1.4	41
90	Magnetic force imaging of a chain of biogenic magnetite and Monte Carlo analysis of tipâ€“particle interaction. Journal Physics D: Applied Physics, 2014, 47, 235403.	1.3	18

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91	Ex situ and in situ characterization of patterned photoreactive thin organic surface layers using friction force microscopy. Scanning, 2014, 36, 590-598.	0.7	4
92	Tuning hardness of swollen viscose fibers. Bioinspired, Biomimetic and Nanobiomaterials, 2014, 3, 131-138.	0.7	6
93	Layer Dependent Wetting in Parahexaphenyl Thin Film Growth on Graphene. E-Journal of Surface Science and Nanotechnology, 2014, 12, 31-39.	0.1	8
94	Voltage polarity dependent current paths through polycrystalline ZnO varistors. Journal of the European Ceramic Society, 2013, 33, 3473-3476.	2.8	11
95	Gas Permeation, Mechanical Behavior and Cytocompatibility of Ultrathin Pure and Doped Diamond-Like Carbon and Silicon Oxide Films. Coatings, 2013, 3, 268-300.	1.2	5
96	Modified energetics and growth kinetics on H-terminated GaAs (110). Journal of Chemical Physics, 2013, 139, 164712.	1.2	2
97	Cross-linking of ROMP derived polymers using the two-photon induced thiolâ€“ene reaction: towards the fabrication of 3D-polymer microstructures. Polymer Chemistry, 2013, 4, 1708.	1.9	22
98	X-ray based tools for the investigation of buried interfaces in organic electronic devices. Organic Electronics, 2013, 14, 479-487.	1.4	16
99	Nucleation and growth of thin films of rod-like conjugated molecules. Journal of Physics Condensed Matter, 2013, 25, 143202.	0.7	50
100	Novel aspects on the irradiation of HOPG surfaces with slow highly charged ions. Nuclear Instruments & Methods in Physics Research B, 2013, 315, 252-256.	0.6	14
101	Adhesion of cellulose fibers in paper. Journal of Physics Condensed Matter, 2013, 25, 045002.	0.7	42
102	Ehrlich-Schwoebel Barriers and Island Nucleation in Organic Thin-Film Growth. Springer Series in Materials Science, 2013, , 79-106.	0.4	6
103	In-situ Observation of Organic Thin Film Growth on Graphene. Springer Series in Materials Science, 2013, , 107-139.	0.4	6
104	Atomic force microscopy based manipulation of graphene using dynamic plowing lithography. Nanotechnology, 2013, 24, 015303.	1.3	50
105	TRIBOLOGY OF BIO-INSPIRED NANOWRINKLED FILMS ON ULTRASOFT SUBSTRATES. Computational and Structural Biotechnology Journal, 2013, 6, e201303002.	1.9	10
106	Dynamics of Monolayerâ€“Island Transitions in 2,7â€Dioctylâ€benzothienobenzthiophene Thin Films. ChemPhysChem, 2013, 14, 2554-2559.	1.0	26
107	Adhesion Tendency of Polymers to Hard Coatings. International Polymer Processing, 2013, 28, 415-420.	0.3	10
108	Temperature dependent growth morphologies of parahexaphenyl on SiO2 supported exfoliated graphene. Journal of Vacuum Science and Technology B:Nanotechnology and Microelectronics, 2013, 31, 04D114.	0.6	10

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109	Transport and Photoelectric Effects in Structures with Ge and SiGe Nanoclusters Grown on Oxidized Si (001). Advanced Materials Research, 2013, 854, 11-19.	0.3	4
110	C-AFM and KPFM approach to investigate the electrical properties of single grain boundaries in ZnO varistor devices. Proceedings of SPIE, 2013, , .	0.8	5
111	What holds paper together: Nanometre scale exploration of bonding between paper fibres. Scientific Reports, 2013, 3, 2432.	1.6	59
112	Photoresponse from single upright-standing ZnO nanorods explored by photoconductive AFM. Beilstein Journal of Nanotechnology, 2013, 4, 208-217.	1.5	29
113	Adhesive Power of Ultra High Performance Concrete from a Thermodynamic Point of View. Journal of Materials in Civil Engineering, 2012, 24, 1050-1058.	1.3	1
114	Joint strength measurements of individual fiber-fiber bonds: An atomic force microscopy based method. Review of Scientific Instruments, 2012, 83, 073902.	0.6	29
115	UV-induced modulation of the conductivity of polyaniline: towards a photo-patternable charge injection layer for structured organic light emitting diodes. Journal of Materials Chemistry, 2012, 22, 2922-2928.	6.7	29
116	Electrical and photovoltaic properties of self-assembled Ge nanodomes on Si(001). Physical Review B, 2012, 86, .	1.1	11
117	Substrate selected polymorphism of epitaxially aligned tetraphenyl-porphyrin thin films. Physical Chemistry Chemical Physics, 2012, 14, 262-272.	1.3	17
118	The influence of substrate temperature on growth of para-sexiphenyl thin films on Ir{111} supported graphene studied by LEEM. Surface Science, 2012, 606, 475-480.	0.8	21
119	Tuning Kinetics to Control Droplet Shapes on Chemically Striped Patterned Surfaces. Langmuir, 2012, 28, 13137-13142.	1.6	28
120	Analysis of precipitated lignin on kraft pulp fibers using atomic force microscopy. Cellulose, 2012, 19, 1013-1021.	2.4	13
121	Photo-Fries-based photosensitive polymeric interlayers for patterned organic devices. Applied Physics A: Materials Science and Processing, 2012, 107, 985-993.	1.1	9
122	Structural, electrical and magnetic measurements on oxide layers grown on 316L exposed to liquid leadâ€“bismuth eutectic. Journal of Nuclear Materials, 2012, 421, 140-146.	1.3	18
123	Ion beam irradiation of cuprate high-temperature superconductors: Systematic modification of the electrical properties and fabrication of nanopatterns. Nuclear Instruments & Methods in Physics Research B, 2012, 272, 300-304.	0.6	11
124	Self-assembling (nano-)wrinkling topography formation in low-temperature vacuum deposition on soft polymer surfaces. Thin Solid Films, 2012, 520, 2833-2840.	0.8	19
125	Analysis of lignin precipitates on ozone treated kraft pulp by FTIR and AFM. Cellulose, 2012, 19, 249-256.	2.4	17
126	Carrier transfer effect on transport inp-i-nstructures with Ge quantum dots. Physical Review B, 2011, 84, .	1.1	14

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127	Smooth Growth of Organic Semiconductor Films on Graphene for High-Efficiency Electronics. Nano Letters, 2011, 11, 333-337.	4.5	58
128	Epitaxially Grown Films of Standing and Lying Pentacene Molecules on Cu(110) Surfaces. Crystal Growth and Design, 2011, 11, 1015-1020.	1.4	39
129	Diffusion and submonolayer growth of para-sexiphenyl on Ir(111) and Ir(111)-supported graphene. IBM Journal of Research and Development, 2011, 55, 15:1-15:7.	3.2	15
130	Microstructure and Phase Behavior of a Quinquethiophene-Based Self-Assembled Monolayer as a Function of Temperature. Journal of Physical Chemistry C, 2011, 115, 22925-22930.	1.5	21
131	Electrical properties of ZnO nanorods studied by conductive atomic force microscopy. Journal of Applied Physics, 2011, 110, .	1.1	39
132	Determination of critical island size inpara-sexiphenyl islands on SiO2using capture-zone scaling. EPJ Applied Physics, 2011, 55, 23902.	0.3	24
133	Recent Patents on Self-Organised Magnetic Nanodot Arrays. Recent Patents on Nanotechnology, 2011, 5, 1-18.	0.7	2
134	Replication of Stochastic and Geometric Micro Structures â€“ Aspects of Visual Appearance. International Polymer Processing, 2011, 26, 313-322.	0.3	22
135	Photovoltaic properties and photoconductivity in multilayer Ge/Si heterostructures with Ge nanoislands. Journal of Materials Science, 2011, 46, 5737-5742.	1.7	6
136	Characterization of antiphase domains on GaAs grown on Ge substrates by conductive atomic force microscopy for photovoltaic applications. Solar Energy Materials and Solar Cells, 2011, 95, 1949-1954.	3.0	14
137	Initial stages of apara-hexaphenyl film growth on amorphous mica. Physical Review B, 2011, 83, .	1.1	65
138	Conductive Atomic-Force Microscopy Investigation of Nanostructures in Microelectronics. Nanoscience and Technology, 2011, , 691-721.	1.5	15
139	A quinquethiophene based self-assembled monolayer for organic electronic applications. Acta Crystallographica Section A: Foundations and Advances, 2011, 67, C334-C334.	0.3	0
140	Photoreactive molecular layers containing aryl ester units: Preparation, UV patterning and post-exposure modification. Materials Chemistry and Physics, 2010, 119, 287-293.	2.0	12
141	Electrical characterization of ZnO multilayer varistors on the nanometre scale with conductive atomic force microscopy. Journal of the European Ceramic Society, 2010, 30, 1761-1764.	2.8	15
142	Surface planarization and masked ion-beam structuring of YBa2Cu3O7 thin films. Thin Solid Films, 2010, 518, 7075-7080.	0.8	22
143	Morphology characterization and friction coefficient determination of sputtered V2O5 films. Thin Solid Films, 2010, 519, 1416-1420.	0.8	9
144	Mechanisms for self-assembling topography formation in low-temperature vacuum deposition of inorganic coatings on polymer surfaces. Bulletin of the Polish Academy of Sciences: Technical Sciences, 2010, 58, .	0.8	14

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145	Nanoscale electrical characterization of arrowhead defects in GaInP thin films grown on Ge. Journal of Vacuum Science and Technology B:Nanotechnology and Microelectronics, 2010, 28, C5G5-C5G10.	0.6	6
146	Scanning probe microscopy-based characterization of ZnO nanorods. , 2010, , .		0
147	Conductive atomic force microscopy study of InAs growth kinetics on vicinal GaAs (110). Applied Physics Letters, 2009, 95, .	1.5	12
148	Hierarchy of adhesion forces in patterns of photoreactive surface layers. Journal of Chemical Physics, 2009, 130, 044703.	1.2	6
149	Ion beam sputtered nanostructured semiconductor surfaces as templates for nanomagnet arrays. Journal of Physics Condensed Matter, 2009, 21, 224025.	0.7	24
150	Origin of the low-energy emission band in epitaxially grown para-sexiphenyl nanocrystallites. Journal of Chemical Physics, 2009, 130, 084901.	1.2	3
151	Characterization of ZnO nanostructures: A challenge to positron annihilation spectroscopy and other methods. Physica Status Solidi C: Current Topics in Solid State Physics, 2009, 6, 2556-2560.	0.8	11
152	Ion-bombardment induced morphology change of device related SiGe multilayer heterostructures. Applied Surface Science, 2009, 256, 267-273.	3.1	2
153	Structure, Stresses and Stress Relaxation of TiN/Ag Nanocomposite Films. Journal of Nanoscience and Nanotechnology, 2009, 9, 3606-3610.	0.9	4
154	Rubrene On Mica: From The Early Growth Stage To Late Crystallization. Springer Proceedings in Physics, 2009, , 55-60.	0.1	1
155	Spectroscopy of Defects in Epitaxially Grown Para-sexiphenyl Nanostructures. Springer Proceedings in Physics, 2009, , 121-125.	0.1	0
156	Quantum Size Effects in Multilayer Si-Ge Epitaxial Heterostructures. , 2009, , 235-244.		0
157	Synthesisâ€“structure relations for reactive magnetron sputtered V2O5 films. Surface and Coatings Technology, 2008, 202, 1551-1555.	2.2	22
158	Characterization of Phospholipid Bilayers on Tiâ€6Alâ€4V and Tiâ€6Alâ€7Nb. Advanced Engineering Materials, 2008, 10, B47.	1.6	5
159	Ion-assisted MBE for misfit-dislocation templates serving ordered growth of SiGe islands. Thin Solid Films, 2008, 517, 20-22.	0.8	2
160	Synthesis of a Photosensitive Thiocyanate-Functionalized Trialkoxysilane and Its Application in Patterned Surface Modifications. Chemistry of Materials, 2008, 20, 2009-2015.	3.2	15
161	Characterization of Step-Edge Barriers in Organic Thin-Film Growth. Science, 2008, 321, 108-111.	6.0	190
162	Experimental investigation of the spin reorientation of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>Co</mml:mi><mml:mo>â^•</mml:mo><mml:mi>Au</mml:mi></mml:mrow></mml:math>based magnetic nanodot arrays. Physical Review B, 2008, 77, .	1.1	9

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163	Fundamentals of Organic Film Growth and Characterisation. , 2008, , 3-19.		4
164	Fabrication and Characterization of Self-Organized Nanostructured Organic Thin Films and Devices. , 2008, , 263-300.		2
165	Non-destructive characterization of vertical ZnO nanowire arrays by slow positron implantation spectroscopy, atomic force microscopy, and nuclear reaction analysis. Nanotechnology, 2007, 18, 195301.	1.3	22
166	Selfâ€Organized Hexagonal Patterns of Independent Magnetic Nanodots. Advanced Materials, 2007, 19, 4375-4380.	11.1	32
167	Controlling molecular orientation of OMBE grown 6P thin films on mica(001). Surface Science, 2007, 601, 2584-2587.	0.8	12
168	Highly-ordered SiGe-islands grown by dislocation patterning using ion-assisted MBE. Surface Science, 2007, 601, 2774-2777.	0.8	5
169	Influence of surface temperature and surface modifications on the initial layer growth of para-hexaphenyl on mica (001). Surface Science, 2007, 601, 2152-2160.	0.8	65
170	Highly transparent polypropylene cast films: Relationships between optical properties, additives, and surface structure. Polymer Engineering and Science, 2007, 47, 1021-1032.	1.5	29
171	The influence of substrate temperature on the structure and morphology of sexiphenyl thin films on Au(111). Applied Physics A: Materials Science and Processing, 2007, 87, 103-111.	1.1	20
172	Optical properties of highly transparent polypropylene cast films: Influence of material structure, additives, and processing conditions. Polymer Engineering and Science, 2006, 46, 520-531.	1.5	31
173	Characterization of a SiC/SiC composite by X-ray diffraction, atomic force microscopy and positron spectroscopies. Applied Surface Science, 2006, 252, 3342-3351.	3.1	6
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