

# Guglielmo G Condorelli

## List of Publications by Year in descending order

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151  
papers

3,767  
citations

117625

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175258

52  
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154  
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154  
docs citations

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times ranked

4876  
citing authors

#	ARTICLE	IF	CITATIONS
1	Self-Poled Heteroepitaxial Bi <sub>2</sub> (1-x)Dy <sub>x</sub> FeO <sub>3</sub> Films with Promising Pyroelectric Properties. <i>Advanced Materials Interfaces</i> , 2022, 9, .	3.7	3
2	Early Growth Stages of Aluminum Oxide (Al <sub>2</sub> O <sub>3</sub> ) Insulating Layers by Thermal- and Plasma-Enhanced Atomic Layer Deposition on AlGaIn/GaN Heterostructures. <i>ACS Applied Electronic Materials</i> , 2022, 4, 406-415.	4.3	9
3	Dy-Doped BiFeO <sub>3</sub> thin films: piezoelectric and bandgap tuning. <i>Materials Advances</i> , 2022, 3, 3446-3456.	5.4	4
4	Synthesis of MIL-Modified Fe <sub>3</sub> O <sub>4</sub> Magnetic Nanoparticles for Enhancing Uptake and Efficiency of Temozolomide in Glioblastoma Treatment. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2874.	4.1	12
5	Dual-Functional Nano-Functionalized Titanium Scaffolds to Inhibit Bacterial Growth and Enhance Osteointegration. <i>Nanomaterials</i> , 2021, 11, 2634.	4.1	14
6	Piezoelectric Ba and Ti co-doped BiFeO <sub>3</sub> textured films: selective growth of solid solutions or nanocomposites. <i>Journal of Materials Chemistry C</i> , 2020, 8, 16168-16179.	5.5	8
7	The Interplay between Fe <sub>3</sub> O <sub>4</sub> Superparamagnetic Nanoparticles, Sodium Butyrate, and Folic Acid for Intracellular Transport. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8473.	4.1	4
8	Porphyrin functionalized bismuth ferrite for enhanced solar light photocatalysis. <i>Dalton Transactions</i> , 2020, 49, 8652-8660.	3.3	11
9	Piezoelectric BiFeO <sub>3</sub> Thin Films: Optimization of MOCVD Process on Si. <i>Nanomaterials</i> , 2020, 10, 630.	4.1	11
10	New Synthetic Route for the Growth of $\gamma$ -FeOOH/NH <sub>2</sub> -Mil-101 Films on Copper Foil for High Surface Area Electrodes. <i>ACS Omega</i> , 2019, 4, 18495-18501.	3.5	8
11	Microscopic model for pH sensing mechanism in zinc-based nanowalls. <i>Sensors and Actuators B: Chemical</i> , 2019, 296, 126614.	7.8	13
12	Porous Gig-Lox TiO <sub>2</sub> Doped with N <sub>2</sub> at Room Temperature for P-Type Response to Ethanol. <i>Chemosensors</i> , 2019, 7, 12.	3.6	4
13	Nitrogen doped spongy TiO <sub>2</sub> layers for sensors application. <i>Materials Science in Semiconductor Processing</i> , 2019, 98, 44-48.	4.0	8
14	Direct Growth on Si(100) of Isolated Octahedral Mil-101(Fe) Crystals for the Separation of Aromatic Vapors. <i>Journal of Physical Chemistry C</i> , 2019, 123, 28836-28845.	3.1	16
15	Hybrid nickel-free graphene/porphyrin rings for photodegradation of emerging pollutants in water. <i>RSC Advances</i> , 2019, 9, 30182-30194.	3.6	17
16	Heterogeneous growth of continuous ZIF-8 films on low-temperature amorphous silicon. <i>Applied Surface Science</i> , 2019, 473, 182-189.	6.1	7
17	Electroless Deposited IrOx Nanoparticles for Ni Foam Functionalization with Low Iridium Loading. <i>ECS Meeting Abstracts</i> , 2019, , .	0.0	0
18	Polymeric platform for the growth of chemically anchored ZnO nanostructures by ALD. <i>RSC Advances</i> , 2018, 8, 521-530.	3.6	7

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19	Self-Assembly of TbPc <sub>2</sub> Single-Molecule Magnets on Surface through Multiple Hydrogen Bonding. <i>Small</i> , 2018, 14, 1702572.	10.0	17
20	Surface anchoring of bi-functional organic linkers on piezoelectric BiFeO <sub>3</sub> films and particles: Comparison between carboxylic and phosphonic tethering groups. <i>Surface and Coatings Technology</i> , 2018, 343, 75-82.	4.8	12
21	Combined IR and XPS characterization of organic refractory residues obtained by ion irradiation of simple icy mixtures. <i>Astronomy and Astrophysics</i> , 2018, 620, A123.	5.1	12
22	Comparison Between Folic Acid and gH625 Peptide-Based Functionalization of Fe <sub>3</sub> O <sub>4</sub> Magnetic Nanoparticles for Enhanced Cell Internalization. <i>Nanoscale Research Letters</i> , 2018, 13, 45.	5.7	19
23	Multifunctional Magnetic Nanoparticles for Theranostic Applications. , 2018, , 335-370.		1
24	Cavitand-Decorated Silicon Columnar Nanostructures for the Surface Recognition of Volatile Nitroaromatic Compounds. <i>ACS Omega</i> , 2018, 3, 9172-9181.	3.5	7
25	MOCVD Growth of Perovskite Multiferroic BiFeO <sub>3</sub> Films: The Effect of Doping at the A and/or B Sites on the Structural, Morphological and Ferroelectric Properties. <i>Advanced Materials Interfaces</i> , 2017, 4, 1601025.	3.7	13
26	The quest towards epitaxial BaMgF <sub>4</sub> thin films: exploring MOCVD as a chemical scalable approach for the deposition of complex metal fluoride films. <i>Dalton Transactions</i> , 2016, 45, 17833-17842.	3.3	3
27	Multi-Scale-Porosity TiO <sub>2</sub> scaffolds grown by innovative sputtering methods for high throughput hybrid photovoltaics. <i>Scientific Reports</i> , 2016, 6, 39509.	3.3	34
28	Hierarchical Route for the Fabrication of Cavitand-Modified Nanostructured ZnO Fibers for Volatile Organic Compound Detection. <i>Journal of Physical Chemistry C</i> , 2016, 120, 12611-12617.	3.1	19
29	From PbI <sub>2</sub> to MAPbI <sub>3</sub> through Layered Intermediates. <i>Journal of Physical Chemistry C</i> , 2016, 120, 19768-19777.	3.1	26
30	Metal-Organic Chemical Vapor Deposition (MOCVD) Synthesis of Heteroepitaxial Pr <sub>0.7</sub> Ca <sub>0.3</sub> MnO <sub>3</sub> Films: Effects of Processing Conditions on Structural/Morphological and Functional Properties. <i>ChemistryOpen</i> , 2015, 4, 523-532.	1.9	10
31	Effects of surface nature of different semiconductor substrates on the plasma enhanced atomic layer deposition growth of Al <sub>2</sub> O <sub>3</sub> gate dielectric thin films. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2015, 12, 980-984.	0.8	6
32	Similar Structural Dynamics for the Degradation of CH <sub>3</sub> NH <sub>3</sub> PbI <sub>3</sub> in Air and in Vacuum. <i>ChemPhysChem</i> , 2015, 16, 3064-3071.	2.1	80
33	Phase-selective Route to V <sub>2</sub> O <sub>5</sub> Film Formation: A Systematic MOCVD Study Into the Effects of Deposition Temperature on Structure and Morphology. <i>Chemical Vapor Deposition</i> , 2015, 21, 319-326.	1.3	8
34	A practical MOCVD approach to the growth of Pr <sub>1-x</sub> Ca <sub>x</sub> MnO <sub>3</sub> films on single crystal substrates. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2015, 212, 1550-1555.	1.8	3
35	Electrical and structural properties of Ti/Al <sub>2</sub> O <sub>3</sub> -based contacts on AlGaIn/GaN heterostructures with different quality. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2015, 212, 1091-1098.	1.8	5
36	Au <sup>+</sup> Ag/CeO <sub>2</sub> and Au <sup>+</sup> Cu/CeO <sub>2</sub> Catalysts for Volatile Organic Compounds Oxidation and CO Preferential Oxidation. <i>Catalysis Letters</i> , 2015, 145, 1691-1702.	2.6	62

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37	Multifunctional magnetic nanoparticles for enhanced intracellular drug transport. Journal of Materials Chemistry B, 2015, 3, 4134-4145.	5.8	20
38	Texture of MAPbI <sub>3</sub> Layers Assisted by Chloride on Flat TiO <sub>2</sub> Substrates. Journal of Physical Chemistry C, 2015, 119, 19808-19816.	3.1	36
39	AlN texturing and piezoelectricity on flexible substrates for sensor applications. Applied Physics Letters, 2015, 106, .	3.3	33
40	Low temperature sputtered TiO <sub>2</sub> nano sheaths on electrospun PES fibers as high porosity photoactive material. RSC Advances, 2015, 5, 73444-73450.	3.6	14
41	Implications of TiO <sub>2</sub> surface functionalization on polycrystalline mixed halide perovskite films and photovoltaic devices. Journal of Materials Chemistry A, 2015, 3, 20811-20818.	10.3	31
42	Spatially Confined Functionalization of Transparent NiO Thin Films with a Luminescent (1,10-Phenanthroline)tris(2-phenyltrifluoroacetato)europium Monolayer. European Journal of Inorganic Chemistry, 2015, 2015, 1261-1268.	2.0	7
43	In situ metalation of free base phthalocyanine covalently bonded to silicon surfaces. Beilstein Journal of Nanotechnology, 2014, 5, 2222-2229.	2.8	9
44	Hierarchical Self-Assembly of Luminescent Eu <sup>III</sup> Complexes on Silicon. European Journal of Inorganic Chemistry, 2014, 2014, 2687-2694.	2.0	6
45	Thermal and plasma-enhanced atomic layer deposition of hafnium oxide on semiconductor substrates. , 2014, , .		1
46	Tetra-anionic porphyrin loading onto ZnO nanoneedles: A hybrid covalent/non covalent approach. Materials Chemistry and Physics, 2014, 143, 977-982.	4.0	6
47	Thermally induced structural modifications of nano-sized anatase films and the effects on the dye-TiO <sub>2</sub> surface interactions. Applied Surface Science, 2014, 296, 69-78.	6.1	13
48	Enantioselective extraction mediated by a chiral cavitand-salen covalently assembled on a porous silicon surface. Chemical Communications, 2014, 50, 4993-4996.	4.1	21
49	A strategy to stabilise the local structure of Ti <sup>4+</sup> and Zn <sup>2+</sup> species against aging in TiO <sub>2</sub> /aluminium-doped ZnO bi-layers for applications in hybrid solar cells. Journal of Applied Physics, 2014, 116, .	2.5	5
50	Elusive Presence of Chloride in Mixed Halide Perovskite Solar Cells. Journal of Physical Chemistry Letters, 2014, 5, 3532-3538.	4.6	175
51	Magnetic behaviour of TbPc <sub>2</sub> single-molecule magnets chemically grafted on silicon surface. Nature Communications, 2014, 5, 4582.	12.8	115
52	Combined Strategy to Realize Efficient Photoelectrodes for Low Temperature Fabrication of Dye Solar Cells. ACS Applied Materials & Interfaces, 2014, 6, 6425-6433.	8.0	14
53	Characterization of a new fluorescence-enhancing substrate for microarrays with femtomolar sensitivity. Sensors and Actuators B: Chemical, 2014, 192, 15-22.	7.8	14
54	Efficiency Enhancement in ZnO:Al-Based Dye-Sensitized Solar Cells Structured with Sputtered TiO <sub>2</sub> Blocking Layers. Journal of Physical Chemistry C, 2014, 118, 6576-6585.	3.1	29

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55	Cavitand-Graded Silicon Microcantilevers as a Universal Probe for Illicit and Designer Drugs in Water. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 9183-9188.	13.8	49
56	Functionalization of PEGylated Fe <sub>3</sub> O <sub>4</sub> magnetic nanoparticles with tetraphosphonate cavitand for biomedical application. <i>Nanoscale</i> , 2013, 5, 11438.	5.6	34
57	Piezoelectric domains in BiFeO <sub>3</sub> films grown via MOCVD: Structure/property relationship. <i>Surface and Coatings Technology</i> , 2013, 230, 168-173.	4.8	12
58	Spectroscopic and Theoretical Study of the Grafting Modes of Phosphonic Acids on ZnO Nanorods. <i>Journal of Physical Chemistry C</i> , 2013, 117, 5364-5372.	3.1	45
59	Study of the Anchoring Process of Tethered Unsymmetrical Zn-Phthalocyanines on TiO <sub>2</sub> Nanostructured Thin Films. <i>Journal of Physical Chemistry C</i> , 2013, 117, 11176-11185.	3.1	22
60	Micro- and nanoscale electrical characterization of large-area graphene transferred to functional substrates. <i>Beilstein Journal of Nanotechnology</i> , 2013, 4, 234-242.	2.8	28
61	Exclusive recognition of sarcosine in water and urine by a cavitand-functionalized silicon surface. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 2263-2268.	7.1	61
62	Cavitand-Functionalized Porous Silicon as an Active Surface for Organophosphorus Vapor Detection. <i>Langmuir</i> , 2012, 28, 1782-1789.	3.5	36
63	Cyclodextrin Anchoring on Magnetic Fe <sub>3</sub> O <sub>4</sub> Nanoparticles Modified with Phosphonic Linkers. <i>European Journal of Inorganic Chemistry</i> , 2012, 2012, 5323-5331.	2.0	52
64	Dye-Sensitizing of Self-Nanostructured Ti:(Zn)O <sub>2</sub> /AZO Transparent Electrodes by Self-Assembly of 5,10,15,20-Tetrakis(4-carboxyphenyl)porphyrin. <i>Journal of Physical Chemistry C</i> , 2011, 115, 7760-7767.	3.1	28
65	Covalent Functionalization of Silicon Surfaces with a Cavitand-Modified Salen. <i>European Journal of Inorganic Chemistry</i> , 2011, 2011, 2124-2131.	2.0	14
66	BiFeO <sub>3</sub> Films Doped in the A or B Sites: Effects on the Structural and Morphological Properties. <i>Journal of Nanoscience and Nanotechnology</i> , 2011, 11, 8221-8225.	0.9	9
67	Chemical Engineering of Silicon with Functional Molecules. <i>Science of Advanced Materials</i> , 2011, 3, 362-377.	0.7	2
68	Multistep Anchoring Route of Luminescent (5-Amino-1,10-phenanthroline)tris(dibenzoylmethane)europium(III) on Si(100). <i>European Journal of Inorganic Chemistry</i> , 2010, 2010, 4121-4129.	2.0	17
69	Improvement of the fatigue resistance of NiTi endodontic files by surface and bulk modifications. <i>International Endodontic Journal</i> , 2010, 43, 866-873.	5.0	37
70	XPS, FTIR-ATR, and AFM Structural Study of Silicon-Grafted Triol Monolayers for Controlled Anchoring of Single Molecule Magnets. <i>Journal of Physical Chemistry C</i> , 2010, 114, 20696-20701.	3.1	2
71	Molecular recognition of halogen-tagged aromatic VOCs at the air-silicon interface. <i>Chemical Communications</i> , 2010, 46, 288-290.	4.1	23
72	One pot grafting of tetrairon(III) single molecule magnets on silicon. <i>Polyhedron</i> , 2009, 28, 1758-1763.	2.2	13

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73	Molecular Recognition on a Cavitand-Functionalized Silicon Surface. <i>Journal of the American Chemical Society</i> , 2009, 131, 7447-7455.	13.7	58
74	Shaping Ability of Four Nickel-Titanium Rotary Instruments in Simulated S-Shaped Canals. <i>Journal of Endodontics</i> , 2009, 35, 883-886.	3.1	87
75	Tunable luminescent properties of a europium complex monolayer. <i>Journal of Materials Chemistry</i> , 2009, 19, 3507.	6.7	36
76	Nanoparticles of Sr(OH) <sub>2</sub> : synthesis in homogeneous phase at low temperature and application for cultural heritage artefacts. <i>Applied Physics A: Materials Science and Processing</i> , 2008, 92, 137-141.	2.3	45
77	In situ synthesis of photoluminescent films of PVC, doped with Ce <sup>3+</sup> ion. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2008, 195, 215-222.	3.9	30
78	Selective oxidation of CO in H <sub>2</sub> -rich stream over gold/iron oxide: An insight on the effect of catalyst pretreatment. <i>Journal of Molecular Catalysis A</i> , 2008, 284, 24-32.	4.8	51
79	Pitting Corrosion Resistance of Nickel-Titanium Rotary Instruments with Different Surface Treatments in Seventeen Percent Ethylenediaminetetraacetic Acid and Sodium Chloride Solutions. <i>Journal of Endodontics</i> , 2008, 34, 208-211.	3.1	39
80	Chemical Analysis of Nickel-Titanium Rotary Instruments with and without Electropolishing after Cleaning Procedures with Sodium Hypochlorite. <i>Journal of Endodontics</i> , 2008, 34, 1391-1395.	3.1	23
81	Reversible photoswitching of stimuli-responsive Si(100) surfaces engineered with an assembled 1-cyano-1-phenyl-2-[4-(10-undecenyloxy)phenyl]-ethylene monolayer. <i>Journal of Materials Chemistry</i> , 2008, 18, 5011.	6.7	41
82	Site-Specific Anchoring of Tetrairon(III) Single Molecule Magnets on Functionalized Si(100) Surfaces. <i>Chemistry of Materials</i> , 2008, 20, 2405-2411.	6.7	47
83	Viable Synthetic Route for a Luminescent Porphyrin Monolayer Covalently Assembled on a Molecularly Engineered Si(100) Surface. <i>Chemistry of Materials</i> , 2007, 19, 5102-5109.	6.7	33
84	Local Magnetic Properties of a Monolayer of Mn <sub>12</sub> Single Molecule Magnets. <i>Nano Letters</i> , 2007, 7, 1551-1555.	9.1	68
85	Self-Assembly of Nanosize Coordination Cages on Si(100) Surfaces. <i>Chemistry - A European Journal</i> , 2007, 13, 6891-6898.	3.3	36
86	Engineering of molecular architectures of $\beta^2$ -diketonate precursors toward new advanced materials. <i>Coordination Chemistry Reviews</i> , 2007, 251, 1931-1950.	18.8	91
87	Engineered Si(100) surfaces for the gas-phase anchoring of metal $\beta^2$ -diketonate complexes. <i>Inorganica Chimica Acta</i> , 2007, 360, 170-178.	2.4	19
88	Nickel nanostructured materials from liquid phase photodeposition. <i>Journal of Nanoparticle Research</i> , 2007, 9, 611-619.	1.9	16
89	Grafting Cavitands on the Si(100) Surface. <i>Langmuir</i> , 2006, 22, 11126-11133.	3.5	41
90	Metal-Organic Chemical Vapor Deposition of Ferroelectric SrBi <sub>2</sub> Ta <sub>2</sub> O <sub>9</sub> Films from a Fluorine-Containing Precursor System. <i>Chemistry of Materials</i> , 2006, 18, 1016-1022.	6.7	11

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91	Self-Assembled Monolayers of Dipolar Nonlinear Optical Nickel(II) Molecules on the Si(100) Surface with Nanoscale Uniformity. <i>Langmuir</i> , 2006, 22, 7952-7955.	3.5	10
92	Cyclic fatigue of different nickel-titanium endodontic rotary instruments. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2006, 102, e106-e114.	1.4	126
93	Luminescent CeCl <sub>3</sub> nanoparticles by Tris(1,1,1,5,5,5-hexafluoro-2,4-pentanedionato)cerium diglyme photolysis in chlorinated solvents. <i>Inorganica Chimica Acta</i> , 2006, 359, 4043-4052.	2.4	3
94	Density Control of Dodecamanganese Clusters Anchored on Silicon(100). <i>Chemistry - A European Journal</i> , 2006, 12, 3558-3566.	3.3	26
95	MOCVD of Lanthanum Oxides from La(tmhd) <sub>3</sub> and La(tmod) <sub>3</sub> Precursors: A Thermal and Kinetic Investigation. <i>Chemical Vapor Deposition</i> , 2006, 12, 46-53.	1.3	16
96	Core-electron x-ray photoelectron spectroscopy of the evolution of nearly flat, terraced, homogeneously H-terminated Si(100) during prolonged exposure to air at room temperature. <i>Physical Review B</i> , 2006, 74, .	3.2	7
97	Photochemistry of bis(1,1,1,5,5,5-hexafluoro-2,4-pentanedionato)strontium tetraglyme solutions for eventual liquid phase photochemical deposition. <i>Inorganica Chimica Acta</i> , 2005, 358, 1873-1881.	2.4	15
98	Fluorine-free and fluorine containing MOCVD precursors for electronic oxides: a comparison. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2005, 118, 264-269.	3.5	11
99	Functionalization of atomically flat, dihydrogen terminated, (100) silicon via reaction with 1-alkyne. <i>Applied Surface Science</i> , 2005, 246, 52-67.	6.1	22
100	Comparison of Thermal and Mass-Transport Properties of Bi(tmhd) <sub>3</sub> , Bi(p-tol) <sub>3</sub> , and Bi(o-tol) <sub>3</sub> MOCVD Precursors. <i>Chemical Vapor Deposition</i> , 2005, 11, 261-268.	1.3	13
101	MOCVD of Sr-Containing Oxides: Transport Properties and Deposition Mechanisms of the Sr(tmhd) <sub>2</sub> ·pmdeta Precursor. <i>Chemical Vapor Deposition</i> , 2005, 11, 269-275.	1.3	9
102	MOCVD of YF <sub>3</sub> and Y <sub>1-x</sub> Er <sub>x</sub> F <sub>3</sub> Thin Films from Precursors Synthesized In Situ. <i>Chemical Vapor Deposition</i> , 2005, 11, 324-329.	1.3	18
103	Fabrication of TlBa <sub>2</sub> CaCu <sub>2</sub> O <sub>7-c</sub> -Axis Oriented Films Through a Hybrid In-Situ MOCVD Process. <i>Chemical Vapor Deposition</i> , 2005, 11, 381-387.	1.3	3
104	Praseodymium Silicate as a High- $\kappa$ Dielectric Candidate: An Insight into the Pr <sub>2</sub> O <sub>3</sub> -Film/Si-Substrate Interface Fabricated Through a Metal-Organic Chemical Vapor Deposition Process. <i>Advanced Functional Materials</i> , 2005, 15, 838-845.	14.9	32
105	Bis(salicyladiminato)Ni(II) Schiff base complexes, grafted on H-terminated Si(100) surfaces, observed by Scanning Near-field Optical/Atomic Force Microscopy (SNOM/AFM). <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2005, 2, 4093-4096.	0.8	2
106	An x-ray photoelectron spectra and atomic force microscopy characterization of silica substrates engineered with a covalently assembled siloxane monolayer. <i>Nanotechnology</i> , 2005, 16, 2170-2175.	2.6	41
107	Engineered Silica Surfaces with an Assembled C <sub>60</sub> Fullerene Monolayer. <i>Chemistry of Materials</i> , 2005, 17, 1079-1084.	6.7	39
108	Environment influence on Ti diffusion and layer degradation of a SiC/Ni <sub>2</sub> Si/TiW/Au contact structure. <i>Journal of Vacuum Science &amp; Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena</i> , 2004, 22, 966.	1.6	8

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109	MOCVD Processes for Electronic Materials Adopting Bi(C <sub>6</sub> H <sub>5</sub> ) <sub>3</sub> Precursor. Materials Research Society Symposia Proceedings, 2004, 811, 231.	0.1	0
110	Influence of growth mode on stoichiometry in epitaxial calcium ruthenate thin films. European Physical Journal B, 2004, 41, 3-9.	1.5	7
111	Anchoring Molecular Magnets on the Si(100) Surface. Angewandte Chemie - International Edition, 2004, 43, 4081-4084.	13.8	101
112	MOCVD of LaAlO <sub>3</sub> Films from a Molten Precursor Mixture: Characterization of Liquid, Gas, and Deposited Phases. Chemical Vapor Deposition, 2004, 10, 171-177.	1.3	17
113	MOCVD of Bismuth Oxides: Transport Properties and Deposition Mechanisms of the Bi(C <sub>6</sub> H <sub>5</sub> ) <sub>3</sub> Precursor. Chemistry of Materials, 2004, 16, 3176-3183.	6.7	34
114	Photochemical Mechanism of the Formation of Nanometer-Sized Copper by UV Irradiation of Ethanol Bis(2,4-pentandionato)copper(II) Solutions. Chemistry of Materials, 2004, 16, 1260-1266.	6.7	68
115	Highly reproducible ideal SiC Schottky rectifiers: effects of surface preparation and thermal annealing on the Ni/6H-SiC barrier height. Applied Physics A: Materials Science and Processing, 2003, 77, 827-833.	2.3	77
116	The early oxynitridation stages of hydrogen-terminated (100) silicon after exposure to N <sub>2</sub> :N <sub>2</sub> O. III. Initial conditions. Applied Physics A: Materials Science and Processing, 2003, 77, 403-409.	2.3	33
117	X-ray photoemission spectroscopy study at different takeoff angles of hydrosilation of 1-alkynes at hydrogen-terminated 1 $\bar{A}$ -1-reconstructed (100)-oriented silicon. Materials Science and Engineering C, 2003, 23, 989-994.	7.3	21
118	A single photochemical route for the formation of both copper nanoparticles and patterned nanostructured films. Journal of Materials Chemistry, 2003, 13, 2409-2411.	6.7	52
119	Novel Photoactive Self-Assembled Monolayer for Immobilization and Cleavage of DNA. Langmuir, 2003, 19, 536-539.	3.5	32
120	Fabrication Of Hard Coatings On NiTi Instruments. Journal of Endodontics, 2003, 29, 132-134.	3.1	25
121	X-ray-photoemission-spectroscopy evidence for anomalous oxidation states of silicon after exposure of hydrogen-terminated single-crystalline (100) silicon to a diluted N <sub>2</sub> : N <sub>2</sub> O atmosphere. Journal Physics D: Applied Physics, 2002, 35, 1032-1038.	2.8	17
122	Kinetics and Mechanisms of MOCVD Processes for the Fabrication of Sr-Containing Films From Sr(hfac) <sub>2</sub> Tetraglyme Precursor. Chemistry of Materials, 2002, 14, 4307-4312.	6.7	12
123	Depositions of Nitrogen on NiTi Instruments. Journal of Endodontics, 2002, 28, 497-500.	3.1	24
124	The early oxynitridation stages of hydrogen-terminated (100) silicon after exposure to N <sub>2</sub> : N <sub>2</sub> O. Nitrogen bonding states. Applied Physics A: Materials Science and Processing, 2002, 75, 585-590.	2.3	8
125	Homogeneous and heterogeneous reactions in the decomposition of precursors for the MOCVD of high-k and ferroelectric films. Materials Science in Semiconductor Processing, 2002, 5, 135-139.	4.0	6
126	Precursor mutual interactions in the kinetics of MOCVD of SBT films. Materials Science in Semiconductor Processing, 2002, 5, 167-171.	4.0	6



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127	Wear of Nickel-Titanium Endodontic Instruments Evaluated by Scanning Electron Microscopy: Effect of Ion Implantation. <i>Journal of Endodontics</i> , 2001, 27, 588-592.	3.1	62
128	Defects in GT Rotary Instruments After Use: An SEM Study. <i>Journal of Endodontics</i> , 2001, 27, 782-785.	3.1	48
129	In-situ Synthesis of the Anhydrous La(hfac) <sub>3</sub> Precursor: A Viable Route to the MOCVD of LaF <sub>3</sub> . <i>Chemical Vapor Deposition</i> , 2001, 7, 151-156.	1.3	10
130	Evidence for the precursors of nitrated silicon in the early stages of silicon oxynitridation in N <sub>2</sub> :N <sub>2</sub> O atmosphere. <i>Applied Physics Letters</i> , 2001, 79, 2378-2380.	3.3	16
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