Knut Deppert

List of Publications by Year
in descending order

159 papers	12,994 citations	36303 51 h-index	22832 112 g-index
162 all docs	162 docs citations	162 times ranked	9039 citing authors

#	Article	IF	Citations
1	Quantitative laser diagnostics on trimethylindium pyrolysis and photolysis for functional nanoparticle growth. Measurement Science and Technology, 2022, 33, 055201.	2.6	2
2	Interface Dynamics in Agâ€"Cu₃P Nanoparticle Heterostructures. Journal of the American Chemical Society, 2022, 144, 248-258.	13.7	10
3	On-line compositional measurements of AuAg aerosol nanoparticles generated by spark ablation using optical emission spectroscopy. Journal of Aerosol Science, 2022, 165, 106041.	3.8	8
4	Nanoparticle-Assisted Pool Boiling Heat Transfer on Micro-Pin-Fin Surfaces. Langmuir, 2021, 37, 1089-1101.	3.5	20
5	General Trends in Coreâ€"Shell Preferences for Bimetallic Nanoparticles. ACS Nano, 2021, 15, 8883-8895.	14.6	51
6	Sintering Mechanism of Core@Shell Metal@Metal Oxide Nanoparticles. Journal of Physical Chemistry C, 2021, 125, 16220-16227.	3.1	6
7	Airborne Gold Nanoparticle Detection Using Photoluminescence Excited with a Continuous Wave Laser. Applied Spectroscopy, 2021, 75, 1402-1409.	2.2	4
8	Continuous gas-phase synthesis of coreâ€"shell nanoparticles <i>via</i> surface segregation. Nanoscale Advances, 2021, 3, 3041-3052.	4.6	29
9	Aerotaxy: gas-phase epitaxy of quasi 1D nanostructures. Nanotechnology, 2021, 32, 025605.	2.6	11
10	Controlled Oxidation and Self-Passivation of Bimetallic Magnetic FeCr and FeMn Aerosol Nanoparticles. Journal of Physical Chemistry C, 2019, 123, 16083-16090.	3.1	19
11	Simultaneous Growth of Pure Wurtzite and Zinc Blende Nanowires. Nano Letters, 2019, 19, 2723-2730.	9.1	13
12	In situ observation of synthesized nanoparticles in ultra-dilute aerosols via X-ray scattering. Nano Research, 2019, 12, 25-31.	10.4	9
13	<i>n</i>-type doping and morphology of GaAs nanowires in Aerotaxy. Nanotechnology, 2018, 29, 285601.	2.6	15
14	Self-Seeded Axio-Radial InAsâ€"InAs_{1â€"<i>x</i>}P_{<i>x</i>} Nanowire Heterostructures beyond â€œCommonâ€•VLS Growth. Nano Letters, 2018, 18, 144-151.	9.1	15
15	Multiscale in modelling and validation for solar photovoltaics. EPJ Photovoltaics, 2018, 9, 10.	1.6	6
16	Pool boiling heat transfer of FC-72 on pin-fin silicon surfaces with nanoparticle deposition. International Journal of Heat and Mass Transfer, 2018, 126, 1019-1033.	4.8	68
17	From plasma to nanoparticles: optical and particle emission of a spark discharge generator. Nanotechnology, 2017, 28, 475603.	2.6	21
18	Pool Boiling Heat Transfer of Water on Copper Surfaces With Nanoparticles Coating. , 2017, , .		5

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19	Length Distributions of Nanowires Growing by Surface Diffusion. Crystal Growth and Design, 2016, 16, 2167-2172.	3.0	38
20	GaAsP Nanowires Grown by Aerotaxy. Nano Letters, 2016, 16, 5701-5707.	9.1	36
21	Recombination dynamics in aerotaxy-grown Zn-doped GaAs nanowires. Nanotechnology, 2016, 27, 455704.	2.6	16
22	In-situ characterization of metal nanoparticles and their organic coatings using laser-vaporization aerosol mass spectrometry. Nano Research, 2015, 8, 3780-3795.	10.4	20
23	Zn-doping of GaAs nanowires grown by Aerotaxy. Journal of Crystal Growth, 2015, 414, 181-186.	1.5	28
24	Characteristics of airborne gold aggregates generated by spark discharge and high temperature evaporation furnace: Massâ€“mobility relationship and surface area. Journal of Aerosol Science, 2015, 87, 38-52.	3.8	13
25	X-ray diffraction strain analysis of a single axial InAs_{1â€“<i>x</i>}P_{<i>x</i>}nanowire segment. Journal of Synchrotron Radiation, 2015, 22, 59-66.	2.4	8
26	Surface morphology of Au-free grown nanowires after native oxide removal. Nanoscale, 2015, 7, 9998-10004.	5.6	12
27	Semiconductor nanostructures enabled by aerosol technology. Frontiers of Physics, 2014, 9, 398-418.	5.0	19
28	Synthesis of carbon nanotubes on FexOy doped Al2O3â€“ZrO2 nanopowder. Powder Technology, 2014, 266, 106-112.	4.2	8
29	Straight and kinked InAs nanowire growth observed in situ by transmission electron microscopy. Nano Research, 2014, 7, 1188-1194.	10.4	19
30	A General Approach for Sharp Crystal Phase Switching in InAs, GaAs, InP, and GaP Nanowires Using Only Group V Flow. Nano Letters, 2013, 13, 4099-4105.	9.1	156
31	Nano-objects emitted during maintenance of common particle generators: direct chemical characterization with aerosol mass spectrometry and implications for risk assessments. Journal of Nanoparticle Research, 2013, 15, 1.	1.9	12
32	InP Nanowire Array Solar Cells Achieving 13.8% Efficiency by Exceeding the Ray Optics Limit. Science, 2013, 339, 1057-1060.	12.6	1,093
33	Cu particle seeded InPâ€“InAs axial nanowire heterostructures. Physica Status Solidi - Rapid Research Letters, 2013, 7, 850-854.	2.4	5
34	Geometric model for metalorganic vapour phase epitaxy of dense nanowire arrays. Journal of Crystal Growth, 2013, 366, 15-19.	1.5	23
35	Solidâ€“liquidâ€“vapor metal-catalyzed etching of lateral and vertical nanopores. Nanotechnology, 2013, 24, 415303.	2.6	4
36	Direct Deposition of Gas Phase Generated Aerosol Gold Nanoparticles into Biological Fluids - Corona Formation and Particle Size Shifts. PLoS ONE, 2013, 8, e74702.	2.5	7

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37	A cathodoluminescence study of the influence of the seed particle preparation method on the optical properties of GaAs nanowires. Nanotechnology, 2012, 23, 265704.	2.6	7
38	Single GaInP nanowire p-i-n junctions near the direct to indirect bandgap crossover point. Applied Physics Letters, 2012, 100, 251103.	3.3	13
39	Continuous gas-phase synthesis of nanowires with tunable properties. Nature, 2012, 492, 90-94.	27.8	156
40	Gas-borne particles with tunable and highly controlled characteristics for nanotoxicology studies. Nanotoxicology, 2012, 7, 1052-1063.	3.0	14
41	Reversible formation of a PdCx phase in Pd nanoparticles upon CO and O2 exposure. Physical Chemistry Chemical Physics, 2012, 14, 4796.	2.8	47
42	Atmospheric synthesis of superhydrophobic TiO2 nanoparticle deposits in a single step using Liquid Flame Spray. Journal of Aerosol Science, 2012, 52, 57-68.	3.8	34
43	Review of Spark Discharge Generators for Production of Nanoparticle Aerosols. Aerosol Science and Technology, 2012, 46, 1256-1270.	3.1	106
44	Particle-assisted Ga_{<i>x</i>}In_{1âˆ’<i>x</i>}P nanowire growth for designed bandgap structures. Nanotechnology, 2012, 23, 245601.	2.6	48
45	Simultaneous growth mechanisms for Cu-seeded InP nanowires. Nano Research, 2012, 5, 297-306.	10.4	25
46	High crystal quality wurtzite-zinc blende heterostructures in metal-organic vapor phase epitaxy-grown GaAs nanowires. Nano Research, 2012, 5, 470-476.	10.4	51
47	Crystal structure control in Au-free self-seeded InSb wire growth. Nanotechnology, 2011, 22, 145603.	2.6	45
48	Probing the Wurtzite Conduction Band Structure Using State Filling in Highly Doped InP Nanowires. Nano Letters, 2011, 11, 2286-2290.	9.1	66
49	A New Route toward Semiconductor Nanospintronics: Highly Mn-Doped GaAs Nanowires Realized by Ion-Implantation under Dynamic Annealing Conditions. Nano Letters, 2011, 11, 3935-3940.	9.1	47
50	Axial InP Nanowire Tandem Junction Grown on a Silicon Substrate. Nano Letters, 2011, 11, 2028-2031.	9.1	114
51	Growth of doped InAsyP1âˆ’y nanowires with InP shells. Journal of Crystal Growth, 2011, 331, 8-14.	1.5	27
52	Self-seeded, position-controlled InAs nanowire growth on Si: A growth parameter study. Journal of Crystal Growth, 2011, 334, 51-56.	1.5	41
53	Nanowires With Promise for Photovoltaics. IEEE Journal of Selected Topics in Quantum Electronics, 2011, 17, 1050-1061.	2.9	123
54	Generation and characterization of stable, highly concentrated titanium dioxide nanoparticle aerosols for rodent inhalation studies. Journal of Nanoparticle Research, 2011, 13, 511-524.	1.9	26

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55	Dynamics of extremely anisotropic etching of InP nanowires by HCl. Chemical Physics Letters, 2011, 502, 222-224.	2.6	16
56	Epitaxial InP nanowire growth from Cu seed particles. Journal of Crystal Growth, 2011, 315, 134-137.	1.5	17
57	Degenerate p-doping of InP nanowires for large area tunnel diodes. Applied Physics Letters, 2011, 99, .	3.3	28
58	A comparative study of the effect of gold seed particle preparation method on nanowire growth. Nano Research, 2010, 3, 506-519.	10.4	43
59	In situ etching for total control over axial and radial nanowire growth. Nano Research, 2010, 3, 264-270.	10.4	135
60	Control of IIIâ€"V nanowire crystal structure by growth parameter tuning. Semiconductor Science and Technology, 2010, 25, 024009.	2.0	219
61	Changes in Contact Angle of Seed Particle Correlated with Increased Zincblende Formation in Doped InP Nanowires. Nano Letters, 2010, 10, 4807-4812.	9.1	83
62	Generation of Pd Model Catalyst Nanoparticles by Spark Discharge. Journal of Physical Chemistry C, 2010, 114, 9257-9263.	3.1	32
63	Diameter Dependence of the Wurtziteâ^'Zinc Blende Transition in InAs Nanowires. Journal of Physical Chemistry C, 2010, 114, 3837-3842.	3.1	129
64	High-Performance Single Nanowire Tunnel Diodes. Nano Letters, 2010, 10, 974-979.	9.1	77
65	Growth Mechanism of Self-Catalyzed Group IIIâ^'V Nanowires. Nano Letters, 2010, 10, 4443-4449.	9.1	177
66	Determination of the wurtzite content and orientation distribution of nanowire ensembles. Materials Research Society Symposia Proceedings, 2009, 1206, 113901.	0.1	0
67	Preferential Interface Nucleation: An Expansion of the VLS Growth Mechanism for Nanowires. Advanced Materials, 2009, 21, 153-165.	21.0	309
68	Generation of size-selected gold nanoparticles by spark discharge â€" for growth of epitaxial nanowires. Gold Bulletin, 2009, 42, 20-26.	2.7	51
69	The use of gold for fabrication of nanowire structures. Gold Bulletin, 2009, 42, 172-181.	2.7	61
70	Controlled polytypic and twin-plane superlattices in iiiâ€"v nanowires. Nature Nanotechnology, 2009, 4, 50-55.	31.5	646
71	Structural Investigations of Coreâ^'shell Nanowires Using Grazing Incidence X-ray Diffraction. Nano Letters, 2009, 9, 1877-1882.	9.1	47
72	Effects of Supersaturation on the Crystal Structure of Gold Seeded IIIâ^'V Nanowires. Crystal Growth and Design, 2009, 9, 766-773.	3.0	147

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73	InSb heterostructure nanowires: MOVPE growth under extreme lattice mismatch. Nanotechnology, 2009, 20, 495606.	2.6	121
74	Highâ€Quality InAs/InSb Nanowire Heterostructures Grown by Metalâ€"Organic Vaporâ€Phase Epitaxy. Small, 2008, 4, 878-882.	10.0	160
75	GaAs/GaSb nanowire heterostructures grown by MOVPE. Journal of Crystal Growth, 2008, 310, 4115-4121.	1.5	85
76	Effects of growth conditions on the crystal structure of gold-seeded GaP nanowires. Journal of Crystal Growth, 2008, 310, 5102-5105.	1.5	15
77	Let's twist again. Nature Nanotechnology, 2008, 3, 457-458.	31.5	3
78	Surface-enhanced Raman scattering of rhodamine 6G on nanowire arrays decorated with gold nanoparticles. Nanotechnology, 2008, 19, 275712.	2.6	62
79	Precursor evaluation for<i>in situ</i>InP nanowire doping. Nanotechnology, 2008, 19, 445602.	2.6	92
80	Transients in the Formation of Nanowire Heterostructures. Nano Letters, 2008, 8, 3815-3818.	9.1	58
81	Control of GaP and GaAs Nanowire Morphology through Particle and Substrate Chemical Modification. Nano Letters, 2008, 8, 4087-4091.	9.1	35
82	Tip-enhanced Raman scattering of p-thiocresol molecules on individual gold nanoparticles. Applied Physics Letters, 2008, 92, 093110.	3.3	35
83	Coreâ€"shell InPâ€"CdS nanowires: fabrication and study. Journal of Physics Condensed Matter, 2007, 19, 295218.	1.8	8
84	Directed Growth of Branched Nanowire Structures. MRS Bulletin, 2007, 32, 127-133.	3.5	40
85	Electrospraying of colloidal nanoparticles for seeding of nanostructure growth. Nanotechnology, 2007, 18, 105304.	2.6	29
86	Understanding the 3D structure of mathrm {GaAslangle 111angle B} nanowires. Nanotechnology, 2007, 18, 485717.	2.6	41
87	Height-controlled nanowire branches on nanotrees using a polymer mask. Nanotechnology, 2007, 18, 035601.	2.6	14
88	Size-selected compound semiconductor quantum dots by nanoparticle conversion. Nanotechnology, 2007, 18, 105306.	2.6	3
89	The Morphology of Axial and Branched Nanowire Heterostructures. Nano Letters, 2007, 7, 1817-1822.	9.1	175
90	InAs nanowires grown by MOVPE. Journal of Crystal Growth, 2007, 298, 631-634.	1.5	33

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91	The structure of ã€ˆ111ã€‰B oriented GaP nanowires. Journal of Crystal Growth, 2007, 298, 635-639.	1.5	31
92	Position-Controlled Interconnected InAs Nanowire Networks. Nano Letters, 2006, 6, 2842-2847.	9.1	85
93	Structural properties of ã€ˆ111ã€‰B -oriented IIIâ€“V nanowires. Nature Materials, 2006, 5, 574-580.	27.5	412
94	Growth and characterization of defect free GaAs nanowires. Journal of Crystal Growth, 2006, 287, 504-508.	1.5	91
95	Optimization of Au-assisted InAs nanowires grown by MOVPE. Journal of Crystal Growth, 2006, 297, 326-333.	1.5	67
96	Size Determination of Au Aerosol Nanoparticles by Off-Line TEM/STEM Observations. Journal of Nanoparticle Research, 2006, 8, 971-980.	1.9	18
97	Nanoparticulate materials and regulatory policy in Europe: An analysis of stakeholder perspectives. Journal of Nanoparticle Research, 2006, 8, 709-719.	1.9	34
98	Improving InAs nanotree growth with composition-controlled Auâ€“In nanoparticles. Nanotechnology, 2006, 17, 1344-1350.	2.6	35
99	CRYSTAL STRUCTURE OF BRANCHED EPITAXIAL IIIâ€“V NANOTREES. Nano, 2006, 01, 139-151.	1.0	12
100	A New Understanding of Au-Assisted Growth of III-V Semiconductor Nanowires. Advanced Functional Materials, 2005, 15, 1603-1610.	14.9	139
101	Size-controlled nanoparticles by thermal cracking of iron pentacarbonyl. Applied Physics A: Materials Science and Processing, 2005, 80, 1579-1583.	2.3	45
102	Compaction of agglomerates of aerosol nanoparticles: A compilation of experimental data. Journal of Nanoparticle Research, 2005, 7, 43-49.	1.9	42
103	Failure of the Vaporâ^'Liquidâ^'Solid Mechanism in Au-Assisted MOVPE Growth of InAs Nanowires. Nano Letters, 2005, 5, 761-764.	9.1	282
104	Synthesis of branched 'nanotrees' by controlled seeding of multiple branching events. Nature Materials, 2004, 3, 380-384.	27.5	592
105	Growth of GaP nanotree structures by sequential seeding of 1D nanowires. Journal of Crystal Growth, 2004, 272, 131-137.	1.5	45
106	Size- and shape-controlled GaAs nano-whiskers grown by MOVPE: a growth study. Journal of Crystal Growth, 2004, 260, 18-22.	1.5	112
107	Growth of one-dimensional nanostructures in MOVPE. Journal of Crystal Growth, 2004, 272, 211-220.	1.5	278
108	Semiconductor nanowires for novel one-dimensional devices. Physica E: Low-Dimensional Systems and Nanostructures, 2004, 21, 560-567.	2.7	63

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109	Semiconductor nanowires for 0D and 1D physics and applications. Physica E: Low-Dimensional Systems and Nanostructures, 2004, 25, 313-318.	2.7	172
110	Epitaxial IIIâˆ'V Nanowires on Silicon. Nano Letters, 2004, 4, 1987-1990.	9.1	538
111	Size- and Composition-Controlled Auâ€"Ga Aerosol Nanoparticles. Aerosol Science and Technology, 2004, 38, 948-954.	3.1	14
112	Branched nanotrees seeded by gold aerosol nanoparticles. Journal of Aerosol Science, 2004, 35, 465-476.	3.8	0
113	Nanowire resonant tunneling diodes. Applied Physics Letters, 2002, 81, 4458-4460.	3.3	429
114	Nanoscale tungsten aerosol particles embedded in GaAs. Applied Physics Letters, 2002, 80, 2976-2978.	3.3	4
115	One-dimensional heterostructures in semiconductor nanowhiskers. Applied Physics Letters, 2002, 80, 1058-1060.	3.3	581
116	One-dimensional Steeplechase for Electrons Realized. Nano Letters, 2002, 2, 87-89.	9.1	656
117	Evaluation of the change in the morphology of gold nanoparticles during sintering. Journal of Aerosol Science, 2002, 33, 1061-1074.	3.8	109
118	Approaches to increasing yield in evaporation/condensation nanoparticle generation. Journal of Aerosol Science, 2002, 33, 1309-1325.	3.8	37
119	Microscopic aspects of the deposition of nanoparticles from the gas phase. Journal of Aerosol Science, 2002, 33, 1341-1359.	3.8	85
120	Nanostructured Deposition of Nanoparticles from the Gas Phase. Particle and Particle Systems Characterization, 2002, 19, 321-326.	2.3	41
121	Growth and characterization of GaAs and InAs nano-whiskers and InAs/GaAs heterostructures. Physica E: Low-Dimensional Systems and Nanostructures, 2002, 13, 1126-1130.	2.7	123
122	Reduction of the Schottky barrier height on silicon carbide using Au nano-particles. Solid-State Electronics, 2002, 46, 1433-1440.	1.4	69
123	Title is missing!. Journal of Nanoparticle Research, 2002, 4, 351-356.	1.9	4
124	Size-, shape-, and position-controlled GaAs nano-whiskers. Applied Physics Letters, 2001, 79, 3335-3337.	3.3	249
125	Gold nanoparticle single-electron transistor with carbon nanotube leads. Applied Physics Letters, 2001, 79, 2106-2108.	3.3	87
126	Positioning of nanometer-sized particles on flat surfaces by direct deposition from the gas phase. Applied Physics Letters, 2001, 78, 3708-3710.	3.3	85

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127	Single-crystalline Tungsten Nanoparticles Produced by Thermal Decomposition of Tungsten Hexacarbonyl. Journal of Materials Research, 2000, 15, 1564-1569.	2.6	49
128	Aerosol Fabrication of Nanocrystals of InP. Japanese Journal of Applied Physics, 1999, 38, 1056-1059.	1.5	6
129	Single-electron devices via controlled assembly of designed nanoparticles. Microelectronic Engineering, 1999, 47, 179-183.	2.4	30
130	Gold Nanoparticles: Production, Reshaping, and Thermal Charging. Journal of Nanoparticle Research, 1999, 1, 243-251.	1.9	284
131	Size-selected gold nanoparticles by aerosol technology. Scripta Materialia, 1999, 12, 45-48.	0.5	136
132	Feasibility study of nanoparticle synthesis from powders of compounds with incongruent sublimation behavior by the evaporation/ condensation method. Scripta Materialia, 1998, 10, 565-573.	0.5	7
133	Size-selected nanocrystals of IIIâ€"V semiconductor materials by the aerotaxy method. Journal of Aerosol Science, 1998, 29, 737-748.	3.8	19
134	Thermal charging of metal nanoparticles. Journal of Aerosol Science, 1998, 29, S847-S848.	3.8	3
135	Agglomeration of nanoparticles on substrate surfaces due to particle interactions during deposition. Journal of Aerosol Science, 1998, 29, S1281-S1282.	3.8	1
136	Size-selected GaN and InN nanocrystals. Journal of Aerosol Science, 1997, 28, S471-S472.	3.8	1
137	InP nanocrystals by aerotaxy method. Journal of Aerosol Science, 1997, 28, S487-S488.	3.8	0
138	Modelling the Homogeneous Deposition of Ultrafine Particles to Create Quantum-Dot Structures. Journal of Aerosol Science, 1997, 28, S489-S490.	3.8	0
139	Formation of ultrafine particles from powders of compounds with incongruent sublimation behavior. Journal of Aerosol Science, 1997, 28, S495-S496.	3.8	1
140	Electrostatic precipitator for homogeneous deposition of ultrafine particles to create quantum-dot structures. Journal of Aerosol Science, 1996, 27, S151-S152.	3.8	33
141	A new method to fabricate size-selected compound semiconductor nanocrystals: aerotaxy. Journal of Crystal Growth, 1996, 169, 13-19.	1.5	35
142	Selfâ€limiting transformation of monodisperse Ga droplets into GaAs nanocrystals. Applied Physics Letters, 1996, 68, 1409-1411.	3.3	22
143	Aerotaxy: A New Route to Formation of GaAs Nanocrystals from Ga Droplets. Materials Research Society Symposia Proceedings, 1995, 417, 123.	0.1	0
144	Contact mode atomic force microscopy imaging of nanometerâ€sized particles. Applied Physics Letters, 1995, 66, 3295-3297.	3.3	48

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145	GaAs nanocrystals from Ga aerosols. Journal of Aerosol Science, 1995, 26, S903-S904.	3.8	1
146	Controlled manipulation of nanoparticles with an atomic force microscope. Applied Physics Letters, 1995, 66, 3627-3629.	3.3	431
147	Sintered aerosol masks for dryâ€etched quantum dots. Applied Physics Letters, 1994, 64, 3293-3295.	3.3	31
148	Aerosol particles from metalorganic vapor phase epitaxy bubblers. Journal of Crystal Growth, 1994, 145, 636-641.	1.5	4
149	Direct observation of growth rate transients during homoepitaxy of GaAs. Thin Solid Films, 1993, 224, 133-136.	1.8	8
150	On the effect of arsine for the decomposition of triethylgallium during epitaxial growth of GaAs. Journal of Crystal Growth, 1993, 133, 296-302.	1.5	1
151	Realâ€time monitoring of the reaction of H2S on GaAs. Journal of Applied Physics, 1993, 74, 6146-6149.	2.5	1
152	Optical detection of growth oscillations from high vacuum up to lowâ€pressure metalorganic vapor phase epitaxy like conditions. Applied Physics Letters, 1992, 61, 1558-1560.	3.3	13
153	Reflectance difference for in-situ characterization of surfaces and epitaxial growth of GaAs on (001) GaAs. , 1992, , .		5
154	Real-time monolayer growth oscillations detected by RD at pressures up to LP-MOVPE. Journal of Crystal Growth, 1992, 124, 30-36.	1.5	11
155	Analysis of growth conditions for the deposition of monolayers of GaInAs, GaAs and InAs in InP by LP-MOVPE. Journal of Crystal Growth, 1992, 124, 531-535.	1.5	13
156	Reflectance-difference probing of surface kinetics of (001) GaAs during vacuum chemical epitaxy. Journal of Crystal Growth, 1991, 111, 115-119.	1.5	22
157	Reflectance-difference study of surface chemistry in MOVPE growth. Journal of Crystal Growth, 1991, 107, 68-72.	1.5	27
158	Silicon spike-doping of GaAs with AP-MOVPE. Journal of Crystal Growth, 1991, 107, 259-262.	1.5	4
159	Optical detection of growth oscillations in high vacuum metalorganic vapor phase epitaxy. Applied Physics Letters, 1990, 56, 2414-2416.	3.3	34