

Knut Deppert

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

153
papers

11,542
citations

49
h-index

106
g-index

162
ext. papers

12,400
ext. citations

5.9
avg, IF

5.73
L-index

#	Paper	IF	Citations
153	Aerotaxy: gas-phase epitaxy of quasi 1D nanostructures. <i>Nanotechnology</i> , 2021 , 32, 025605	3.4	5
152	General Trends in Core-Shell Preferences for Bimetallic Nanoparticles. <i>ACS Nano</i> , 2021 , 15, 8883-8895	16.7	11
151	Sintering Mechanism of Oxide Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2021 , 125, 16220-16227	3.8	1
150	Nanoparticle-Assisted Pool Boiling Heat Transfer on Micro-Pin-Fin Surfaces. <i>Langmuir</i> , 2021 , 37, 1089-1101	4.1	5
149	Airborne Gold Nanoparticle Detection Using Photoluminescence Excited with a Continuous Wave Laser. <i>Applied Spectroscopy</i> , 2021 , 75, 1402-1409	3.1	1
148	Continuous gas-phase synthesis of core-shell nanoparticles via surface segregation. <i>Nanoscale Advances</i> , 2021 , 3, 3041-3052	5.1	5
147	Controlled Oxidation and Self-Passivation of Bimetallic Magnetic FeCr and FeMn Aerosol Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2019 , 123, 16083-16090	3.8	7
146	Simultaneous Growth of Pure Wurtzite and Zinc Blende Nanowires. <i>Nano Letters</i> , 2019 , 19, 2723-2730	11.5	11
145	In situ observation of synthesized nanoparticles in ultra-dilute aerosols via X-ray scattering. <i>Nano Research</i> , 2019 , 12, 25-31	10	6
144	n-type doping and morphology of GaAs nanowires in Aerotaxy. <i>Nanotechnology</i> , 2018 , 29, 285601	3.4	13
143	Self-Seeded Axio-Radial InAs-InAsP Nanowire Heterostructures beyond "Common" VLS Growth. <i>Nano Letters</i> , 2018 , 18, 144-151	11.5	11
142	Pool boiling heat transfer of FC-72 on pin-fin silicon surfaces with nanoparticle deposition. <i>International Journal of Heat and Mass Transfer</i> , 2018 , 126, 1019-1033	4.9	47
141	Multiscale in modelling and validation for solar photovoltaics. <i>EPJ Photovoltaics</i> , 2018 , 9, 10	0.7	5
140	From plasma to nanoparticles: optical and particle emission of a spark discharge generator. <i>Nanotechnology</i> , 2017 , 28, 475603	3.4	14
139	Pool Boiling Heat Transfer of Water on Copper Surfaces With Nanoparticles Coating 2017 ,		3
138	GaAsP Nanowires Grown by Aerotaxy. <i>Nano Letters</i> , 2016 , 16, 5701-7	11.5	29
137	Recombination dynamics in aerotaxy-grown Zn-doped GaAs nanowires. <i>Nanotechnology</i> , 2016 , 27, 455704	3.4	10

136	Length Distributions of Nanowires Growing by Surface Diffusion. <i>Crystal Growth and Design</i> , 2016 , 16, 2167-2172	3.5	33
135	Characteristics of airborne gold aggregates generated by spark discharge and high temperature evaporation furnace: Mass-mobility relationship and surface area. <i>Journal of Aerosol Science</i> , 2015 , 87, 38-52	4.3	10
134	X-ray diffraction strain analysis of a single axial InAs 1-x Px nanowire segment. <i>Journal of Synchrotron Radiation</i> , 2015 , 22, 59-66	2.4	8
133	Surface morphology of Au-free grown nanowires after native oxide removal. <i>Nanoscale</i> , 2015 , 7, 9998-10004	3.4	10
132	In-situ characterization of metal nanoparticles and their organic coatings using laser-vaporization aerosol mass spectrometry. <i>Nano Research</i> , 2015 , 8, 3780-3795	10	16
131	Zn-doping of GaAs nanowires grown by Aerotaxy. <i>Journal of Crystal Growth</i> , 2015 , 414, 181-186	1.6	23
130	Synthesis of carbon nanotubes on Fe _x O _y doped Al ₂ O ₃ /ZrO ₂ nanopowder. <i>Powder Technology</i> , 2014 , 266, 106-112	5.2	7
129	Straight and kinked InAs nanowire growth observed in situ by transmission electron microscopy. <i>Nano Research</i> , 2014 , 7, 1188-1194	10	16
128	Semiconductor nanostructures enabled by aerosol technology. <i>Frontiers of Physics</i> , 2014 , 9, 398-418	3.7	18
127	A general approach for sharp crystal phase switching in InAs, GaAs, InP, and GaP nanowires using only group V flow. <i>Nano Letters</i> , 2013 , 13, 4099-105	11.5	139
126	Nano-objects emitted during maintenance of common particle generators: direct chemical characterization with aerosol mass spectrometry and implications for risk assessments. <i>Journal of Nanoparticle Research</i> , 2013 , 15, 1	2.3	11
125	InP nanowire array solar cells achieving 13.8% efficiency by exceeding the ray optics limit. <i>Science</i> , 2013 , 339, 1057-60	33.3	962
124	Cu particle seeded InP/InAs axial nanowire heterostructures. <i>Physica Status Solidi - Rapid Research Letters</i> , 2013 , 7, 850-854	2.5	4
123	Gas-borne particles with tunable and highly controlled characteristics for nanotoxicology studies. <i>Nanotoxicology</i> , 2013 , 7, 1052-63	5.3	13
122	Geometric model for metalorganic vapour phase epitaxy of dense nanowire arrays. <i>Journal of Crystal Growth</i> , 2013 , 366, 15-19	1.6	19
121	Solid-liquid-vapor metal-catalyzed etching of lateral and vertical nanopores. <i>Nanotechnology</i> , 2013 , 24, 415303	3.4	4
120	Direct deposition of gas phase generated aerosol gold nanoparticles into biological fluids--corona formation and particle size shifts. <i>PLoS ONE</i> , 2013 , 8, e74702	3.7	7
119	Continuous gas-phase synthesis of nanowires with tunable properties. <i>Nature</i> , 2012 , 492, 90-4	50.4	134

118	Reversible formation of a PdC(x) phase in Pd nanoparticles upon CO and O ₂ exposure. <i>Physical Chemistry Chemical Physics</i> , 2012 , 14, 4796-801	3.6	45
117	Atmospheric synthesis of superhydrophobic TiO ₂ nanoparticle deposits in a single step using Liquid Flame Spray. <i>Journal of Aerosol Science</i> , 2012 , 52, 57-68	4.3	34
116	Review of Spark Discharge Generators for Production of Nanoparticle Aerosols. <i>Aerosol Science and Technology</i> , 2012 , 46, 1256-1270	3.4	84
115	Particle-assisted Ga(x)In(1-x)P nanowire growth for designed bandgap structures. <i>Nanotechnology</i> , 2012 , 23, 245601	3.4	41
114	Simultaneous growth mechanisms for Cu-seeded InP nanowires. <i>Nano Research</i> , 2012 , 5, 297-306	10	22
113	High crystal quality wurtzite-zinc blende heterostructures in metal-organic vapor phase epitaxy-grown GaAs nanowires. <i>Nano Research</i> , 2012 , 5, 470-476	10	48
112	A cathodoluminescence study of the influence of the seed particle preparation method on the optical properties of GaAs nanowires. <i>Nanotechnology</i> , 2012 , 23, 265704	3.4	6
111	Single GaInP nanowire p-i-n junctions near the direct to indirect bandgap crossover point. <i>Applied Physics Letters</i> , 2012 , 100, 251103	3.4	12
110	A new route toward semiconductor nanospintronics: highly Mn-doped GaAs nanowires realized by ion-implantation under dynamic annealing conditions. <i>Nano Letters</i> , 2011 , 11, 3935-40	11.5	43
109	Axial InP nanowire tandem junction grown on a silicon substrate. <i>Nano Letters</i> , 2011 , 11, 2028-31	11.5	104
108	Growth of doped InAsyP1-y nanowires with InP shells. <i>Journal of Crystal Growth</i> , 2011 , 331, 8-14	1.6	27
107	Self-seeded, position-controlled InAs nanowire growth on Si: A growth parameter study. <i>Journal of Crystal Growth</i> , 2011 , 334, 51-56	1.6	36
106	Nanowires With Promise for Photovoltaics. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2011 , 17, 1050-1061	3.8	108
105	Generation and characterization of stable, highly concentrated titanium dioxide nanoparticle aerosols for rodent inhalation studies. <i>Journal of Nanoparticle Research</i> , 2011 , 13, 511-524	2.3	23
104	Dynamics of extremely anisotropic etching of InP nanowires by HCl. <i>Chemical Physics Letters</i> , 2011 , 502, 222-224	2.5	11
103	Crystal structure control in Au-free self-seeded InSb wire growth. <i>Nanotechnology</i> , 2011 , 22, 145603	3.4	45
102	Probing the wurtzite conduction band structure using state filling in highly doped InP nanowires. <i>Nano Letters</i> , 2011 , 11, 2286-90	11.5	62
101	Epitaxial InP nanowire growth from Cu seed particles. <i>Journal of Crystal Growth</i> , 2011 , 315, 134-137	1.6	13

100	Degenerate p-doping of InP nanowires for large area tunnel diodes. <i>Applied Physics Letters</i> , 2011 , 99, 253105	3.4	27
99	Control of III-V nanowire crystal structure by growth parameter tuning. <i>Semiconductor Science and Technology</i> , 2010 , 25, 024009	1.8	200
98	Changes in contact angle of seed particle correlated with increased zincblende formation in doped InP nanowires. <i>Nano Letters</i> , 2010 , 10, 4807-12	11.5	77
97	Generation of Pd Model Catalyst Nanoparticles by Spark Discharge. <i>Journal of Physical Chemistry C</i> , 2010 , 114, 9257-9263	3.8	28
96	Diameter Dependence of the Wurtzite-Zinc Blende Transition in InAs Nanowires. <i>Journal of Physical Chemistry C</i> , 2010 , 114, 3837-3842	3.8	121
95	High-performance single nanowire tunnel diodes. <i>Nano Letters</i> , 2010 , 10, 974-9	11.5	73
94	Growth mechanism of self-catalyzed group III-V nanowires. <i>Nano Letters</i> , 2010 , 10, 4443-9	11.5	160
93	A comparative study of the effect of gold seed particle preparation method on nanowire growth. <i>Nano Research</i> , 2010 , 3, 506-519	10	40
92	In situ etching for total control over axial and radial nanowire growth. <i>Nano Research</i> , 2010 , 3, 264-270	10	119
91	Determination of the wurtzite content and orientation distribution of nanowire ensembles. <i>Materials Research Society Symposia Proceedings</i> , 2009 , 1206, 113901		
90	Preferential Interface Nucleation: An Expansion of the VLS Growth Mechanism for Nanowires. <i>Advanced Materials</i> , 2009 , 21, 153-165	24	272
89	Generation of size-selected gold nanoparticles by spark discharge for growth of epitaxial nanowires 2009 , 42, 20-26		44
88	The use of gold for fabrication of nanowire structures 2009 , 42, 172-181		55
87	Controlled polytypic and twin-plane superlattices in iii-v nanowires. <i>Nature Nanotechnology</i> , 2009 , 4, 50-5	28.7	577
86	Structural investigations of core-shell nanowires using grazing incidence X-ray diffraction. <i>Nano Letters</i> , 2009 , 9, 1877-82	11.5	45
85	Effects of Supersaturation on the Crystal Structure of Gold Seeded III-V Nanowires. <i>Crystal Growth and Design</i> , 2009 , 9, 766-773	3.5	138
84	InSb heterostructure nanowires: MOVPE growth under extreme lattice mismatch. <i>Nanotechnology</i> , 2009 , 20, 495606	3.4	108
83	Surface-enhanced Raman scattering of rhodamine 6G on nanowire arrays decorated with gold nanoparticles. <i>Nanotechnology</i> , 2008 , 19, 275712	3.4	50

82	Precursor evaluation for in situ InP nanowire doping. <i>Nanotechnology</i> , 2008 , 19, 445602	3.4	88
81	Transients in the formation of nanowire heterostructures. <i>Nano Letters</i> , 2008 , 8, 3815-8	11.5	57
80	Control of GaP and GaAs nanowire morphology through particle and substrate chemical modification. <i>Nano Letters</i> , 2008 , 8, 4087-91	11.5	35
79	Tip-enhanced Raman scattering of p-thiocresol molecules on individual gold nanoparticles. <i>Applied Physics Letters</i> , 2008 , 92, 093110	3.4	28
78	High-quality InAs/InSb nanowire heterostructures grown by metal-organic vapor-phase epitaxy. <i>Small</i> , 2008 , 4, 878-82	11	153
77	GaAs/GaSb nanowire heterostructures grown by MOVPE. <i>Journal of Crystal Growth</i> , 2008 , 310, 4115-4121	1.6	81
76	Effects of growth conditions on the crystal structure of gold-seeded GaP nanowires. <i>Journal of Crystal Growth</i> , 2008 , 310, 5102-5105	1.6	13
75	Size-selected compound semiconductor quantum dots by nanoparticle conversion. <i>Nanotechnology</i> , 2007 , 18, 105306	3.4	2
74	The morphology of axial and branched nanowire heterostructures. <i>Nano Letters</i> , 2007 , 7, 1817-22	11.5	161
73	InAs nanowires grown by MOVPE. <i>Journal of Crystal Growth</i> , 2007 , 298, 631-634	1.6	32
72	The structure of <1 1 1>B oriented GaP nanowires. <i>Journal of Crystal Growth</i> , 2007 , 298, 635-639	1.6	28
71	Core-shell InP-CdS nanowires: fabrication and study. <i>Journal of Physics Condensed Matter</i> , 2007 , 19, 295218	1.8	7
70	Directed Growth of Branched Nanowire Structures. <i>MRS Bulletin</i> , 2007 , 32, 127-133	3.2	38
69	Electrospraying of colloidal nanoparticles for seeding of nanostructure growth. <i>Nanotechnology</i> , 2007 , 18, 105304	3.4	26
68	Understanding the 3D structure of $\{GaAs\langle 111 \rangle B\}$ nanowires. <i>Nanotechnology</i> , 2007 , 18, 485717	3.4	39
67	Height-controlled nanowire branches on nanotrees using a polymer mask. <i>Nanotechnology</i> , 2007 , 18, 035601	3.4	13
66	Improving InAs nanotree growth with composition-controlled Au ^{III} nanoparticles. <i>Nanotechnology</i> , 2006 , 17, 1344-1350	3.4	32
65	CRYSTAL STRUCTURE OF BRANCHED EPITAXIAL III-V NANOTREES. <i>Nano</i> , 2006 , 01, 139-151	1.1	9

64	Position-controlled interconnected InAs nanowire networks. <i>Nano Letters</i> , 2006 , 6, 2842-7	11.5	77
63	Structural properties of B-oriented III-V nanowires. <i>Nature Materials</i> , 2006 , 5, 574-80	27	381
62	Growth and characterization of defect free GaAs nanowires. <i>Journal of Crystal Growth</i> , 2006 , 287, 504-508	18.6	80
61	Optimization of Au-assisted InAs nanowires grown by MOVPE. <i>Journal of Crystal Growth</i> , 2006 , 297, 326-333	18.3	64
60	Size Determination of Au Aerosol Nanoparticles by Off-Line TEM/STEM Observations. <i>Journal of Nanoparticle Research</i> , 2006 , 8, 971-980	2.3	17
59	Nanoparticulate materials and regulatory policy in Europe: An analysis of stakeholder perspectives. <i>Journal of Nanoparticle Research</i> , 2006 , 8, 709-719	2.3	32
58	Failure of the vapor-liquid-solid mechanism in Au-assisted MOVPE growth of InAs nanowires. <i>Nano Letters</i> , 2005 , 5, 761-4	11.5	268
57	A New Understanding of Au-Assisted Growth of III-V Semiconductor Nanowires. <i>Advanced Functional Materials</i> , 2005 , 15, 1603-1610	15.6	131
56	Size-controlled nanoparticles by thermal cracking of iron pentacarbonyl. <i>Applied Physics A: Materials Science and Processing</i> , 2005 , 80, 1579-1583	2.6	39
55	Compaction of agglomerates of aerosol nanoparticles: A compilation of experimental data. <i>Journal of Nanoparticle Research</i> , 2005 , 7, 43-49	2.3	37
54	Synthesis of branched Nanotrees by controlled seeding of multiple branching events. <i>Nature Materials</i> , 2004 , 3, 380-4	27	544
53	Growth of GaP nanotree structures by sequential seeding of 1D nanowires. <i>Journal of Crystal Growth</i> , 2004 , 272, 131-137	1.6	43
52	Size- and shape-controlled GaAs nano-whiskers grown by MOVPE: a growth study. <i>Journal of Crystal Growth</i> , 2004 , 260, 18-22	1.6	104
51	Growth of one-dimensional nanostructures in MOVPE. <i>Journal of Crystal Growth</i> , 2004 , 272, 211-220	1.6	255
50	Semiconductor nanowires for novel one-dimensional devices. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2004 , 21, 560-567	3	57
49	Semiconductor nanowires for 0D and 1D physics and applications. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2004 , 25, 313-318	3	143
48	Epitaxial III-V Nanowires on Silicon. <i>Nano Letters</i> , 2004 , 4, 1987-1990	11.5	477
47	Size- and Composition-Controlled Au-Ag Aerosol Nanoparticles. <i>Aerosol Science and Technology</i> , 2004 , 38, 948-954	3.4	12

46	Nanostructured Deposition of Nanoparticles from the Gas Phase. <i>Particle and Particle Systems Characterization</i> , 2002 , 19, 321-326	3.1	35
45	Growth and characterization of GaAs and InAs nano-whiskers and InAs/GaAs heterostructures. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2002 , 13, 1126-1130	3	109
44	Reduction of the Schottky barrier height on silicon carbide using Au nano-particles. <i>Solid-State Electronics</i> , 2002 , 46, 1433-1440	1.7	64
43	Direct Observation of the Molten State of Nanometer-sized Particles With an Atomic Force Microscope: A Feasibility Study. <i>Journal of Nanoparticle Research</i> , 2002 , 4, 351-356	2.3	4
42	Nanowire resonant tunneling diodes. <i>Applied Physics Letters</i> , 2002 , 81, 4458-4460	3.4	385
41	Nanoscale tungsten aerosol particles embedded in GaAs. <i>Applied Physics Letters</i> , 2002 , 80, 2976-2978	3.4	4
40	One-dimensional heterostructures in semiconductor nanowhiskers. <i>Applied Physics Letters</i> , 2002 , 80, 1058-1060	3.4	541
39	One-dimensional Steeplechase for Electrons Realized. <i>Nano Letters</i> , 2002 , 2, 87-89	11.5	594
38	Evaluation of the change in the morphology of gold nanoparticles during sintering. <i>Journal of Aerosol Science</i> , 2002 , 33, 1061-1074	4.3	92
37	Approaches to increasing yield in evaporation/condensation nanoparticle generation. <i>Journal of Aerosol Science</i> , 2002 , 33, 1309-1325	4.3	33
36	Microscopic aspects of the deposition of nanoparticles from the gas phase. <i>Journal of Aerosol Science</i> , 2002 , 33, 1341-1359	4.3	76
35	Positioning of nanometer-sized particles on flat surfaces by direct deposition from the gas phase. <i>Applied Physics Letters</i> , 2001 , 78, 3708-3710	3.4	78
34	Size-, shape-, and position-controlled GaAs nano-whiskers. <i>Applied Physics Letters</i> , 2001 , 79, 3335-3337	3.4	233
33	Gold nanoparticle single-electron transistor with carbon nanotube leads. <i>Applied Physics Letters</i> , 2001 , 79, 2106-2108	3.4	79
32	Single-crystalline Tungsten Nanoparticles Produced by Thermal Decomposition of Tungsten Hexacarbonyl. <i>Journal of Materials Research</i> , 2000 , 15, 1564-1569	2.5	44
31	Aerosol Fabrication of Nanocrystals of InP. <i>Japanese Journal of Applied Physics</i> , 1999 , 38, 1056-1059	1.4	6
30	Single-electron devices via controlled assembly of designed nanoparticles. <i>Microelectronic Engineering</i> , 1999 , 47, 179-183	2.5	26
29	Gold Nanoparticles: Production, Reshaping, and Thermal Charging. <i>Journal of Nanoparticle Research</i> , 1999 , 1, 243-251	2.3	242

28	Size-selected gold nanoparticles by aerosol technology. <i>Scripta Materialia</i> , 1999 , 12, 45-48		118
27	Feasibility study of nanoparticle synthesis from powders of compounds with incongruent sublimation behavior by the evaporation/ condensation method. <i>Scripta Materialia</i> , 1998 , 10, 565-573		7
26	Size-selected nanocrystals of III-V semiconductor materials by the aerotaxy method. <i>Journal of Aerosol Science</i> , 1998 , 29, 737-748	4-3	16
25	Thermal charging of metal nanoparticles. <i>Journal of Aerosol Science</i> , 1998 , 29, S847-S848	4-3	2
24	Agglomeration of nanoparticles on substrate surfaces due to particle interactions during deposition. <i>Journal of Aerosol Science</i> , 1998 , 29, S1281-S1282	4-3	1
23	Size-selected GaN and InN nanocrystals. <i>Journal of Aerosol Science</i> , 1997 , 28, S471-S472	4-3	1
22	InP nanocrystals by aerotaxy method. <i>Journal of Aerosol Science</i> , 1997 , 28, S487-S488	4-3	
21	Modelling the Homogeneous Deposition of Ultrafine Particles to Create Quantum-Dot Structures. <i>Journal of Aerosol Science</i> , 1997 , 28, S489-S490	4-3	
20	Formation of ultrafine particles from powders of compounds with incongruent sublimation behavior. <i>Journal of Aerosol Science</i> , 1997 , 28, S495-S496	4-3	1
19	Electrostatic precipitator for homogeneous deposition of ultrafine particles to create quantum-dot structures. <i>Journal of Aerosol Science</i> , 1996 , 27, S151-S152	4-3	31
18	A new method to fabricate size-selected compound semiconductor nanocrystals: aerotaxy. <i>Journal of Crystal Growth</i> , 1996 , 169, 13-19	1.6	31
17	Self-limiting transformation of monodisperse Ga droplets into GaAs nanocrystals. <i>Applied Physics Letters</i> , 1996 , 68, 1409-1411	3-4	19
16	Contact mode atomic force microscopy imaging of nanometer-sized particles. <i>Applied Physics Letters</i> , 1995 , 66, 3295-3297	3-4	39
15	Controlled manipulation of nanoparticles with an atomic force microscope. <i>Applied Physics Letters</i> , 1995 , 66, 3627-3629	3-4	351
14	Aerotaxy: A New Route to Formation of GaAs Nanocrystals from Ga Droplets. <i>Materials Research Society Symposia Proceedings</i> , 1995 , 417, 123		
13	Sintered aerosol masks for dry-etched quantum dots. <i>Applied Physics Letters</i> , 1994 , 64, 3293-3295	3-4	26
12	Aerosol particles from metalorganic vapor phase epitaxy bubblers. <i>Journal of Crystal Growth</i> , 1994 , 145, 636-641	1.6	3
11	On the effect of arsine for the decomposition of triethylgallium during epitaxial growth of GaAs. <i>Journal of Crystal Growth</i> , 1993 , 133, 296-302	1.6	1

10	Real-time monitoring of the reaction of H ₂ S on GaAs. <i>Journal of Applied Physics</i> , 1993 , 74, 6146-6149	2.5	0
9	Direct observation of growth rate transients during homoepitaxy of GaAs. <i>Thin Solid Films</i> , 1993 , 224, 133-136	2.2	7
8	Optical detection of growth oscillations from high vacuum up to low-pressure metalorganic vapor phase epitaxy like conditions. <i>Applied Physics Letters</i> , 1992 , 61, 1558-1560	3.4	13
7	Reflectance difference for in-situ characterization of surfaces and epitaxial growth of GaAs on (001) GaAs 1992 ,		5
6	Real-time monolayer growth oscillations detected by RD at pressures up to LP-MOVPE. <i>Journal of Crystal Growth</i> , 1992 , 124, 30-36	1.6	9
5	Analysis of growth conditions for the deposition of monolayers of GaInAs, GaAs and InAs in InP by LP-MOVPE. <i>Journal of Crystal Growth</i> , 1992 , 124, 531-535	1.6	11
4	Reflectance-difference probing of surface kinetics of (001) GaAs during vacuum chemical epitaxy. <i>Journal of Crystal Growth</i> , 1991 , 111, 115-119	1.6	18
3	Reflectance-difference study of surface chemistry in MOVPE growth. <i>Journal of Crystal Growth</i> , 1991 , 107, 68-72	1.6	25
2	Silicon spike-doping of GaAs with AP-MOVPE. <i>Journal of Crystal Growth</i> , 1991 , 107, 259-262	1.6	4
1	Optical detection of growth oscillations in high vacuum metalorganic vapor phase epitaxy. <i>Applied Physics Letters</i> , 1990 , 56, 2414-2416	3.4	32