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	InP Nanowire Array Solar Cells Achieving 13.8% Efficiency by Exceeding the Ray Optics Limit. Science, 2013, 339, 1057-1060.	12.6	1,093
2	One-dimensional Steeplechase for Electrons Realized. Nano Letters, 2002, 2, 87-89.	9.1	656
3	Controlled polytypic and twin-plane superlattices in iiiâ€"v nanowires. Nature Nanotechnology, 2009, 4, 50-55.	31.5	646
4	Synthesis of branched 'nanotrees' by controlled seeding of multiple branching events. Nature Materials, 2004, 3, 380-384.	27.5	592
5	One-dimensional heterostructures in semiconductor nanowhiskers. Applied Physics Letters, 2002, 80, 1058-1060.	3.3	581
6	Epitaxial IIIâˆ'V Nanowires on Silicon. Nano Letters, 2004, 4, 1987-1990.	9.1	538
7	Controlled manipulation of nanoparticles with an atomic force microscope. Applied Physics Letters, 1995, 66, 3627-3629.	3.3	431
8	Nanowire resonant tunneling diodes. Applied Physics Letters, 2002, 81, 4458-4460.	3.3	429
9	Structural properties of ã€ˆ111ã€‰B -oriented IIIâ€"V nanowires. Nature Materials, 2006, 5, 574-580.	27.5	412
10	Preferential Interface Nucleation: An Expansion of the VLS Growth Mechanism for Nanowires. Advanced Materials, 2009, 21, 153-165.	21.0	309
11	Gold Nanoparticles: Production, Reshaping, and Thermal Charging. Journal of Nanoparticle Research, 1999, 1, 243-251.	1.9	284
12	Failure of the Vaporâˆ'Liquidâˆ'Solid Mechanism in Au-Assisted MOVPE Growth of InAs Nanowires. Nano Letters, 2005, 5, 761-764.	9.1	282
13	Growth of one-dimensional nanostructures in MOVPE. Journal of Crystal Growth, 2004, 272, 211-220.	1.5	278
14	Size-, shape-, and position-controlled GaAs nano-whiskers. Applied Physics Letters, 2001, 79, 3335-3337.	3.3	249
15	Control of IIIâ€"V nanowire crystal structure by growth parameter tuning. Semiconductor Science and Technology, 2010, 25, 024009.	2.0	219
16	Growth Mechanism of Self-Catalyzed Group IIIâˆ'V Nanowires. Nano Letters, 2010, 10, 4443-4449.	9.1	177
17	The Morphology of Axial and Branched Nanowire Heterostructures. Nano Letters, 2007, 7, 1817-1822.	9.1	175
18	Semiconductor nanowires for 0D and 1D physics and applications. Physica E: Low-Dimensional Systems and Nanostructures, 2004, 25, 313-318.	2.7	172

#	ARTICLE	IF	CITATIONS
19	Highâ€Quality InAs/InSb Nanowire Heterostructures Grown by Metalâ€“Organic Vaporâ€Phase Epitaxy. Small, 2008, 4, 878-882.	10.0	160
20	Continuous gas-phase synthesis of nanowires with tunable properties. Nature, 2012, 492, 90-94.	27.8	156
21	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
22	Effects of Supersaturation on the Crystal Structure of Gold Seeded IIIâˆ’V Nanowires. Crystal Growth and Design, 2009, 9, 766-773.	3.0	147
23	A New Understanding of Au-Assisted Growth of III-V Semiconductor Nanowires. Advanced Functional Materials, 2005, 15, 1603-1610.	14.9	139
24	Size-selected gold nanoparticles by aerosol technology. Scripta Materialia, 1999, 12, 45-48.	0.5	136
25	In situ etching for total control over axial and radial nanowire growth. Nano Research, 2010, 3, 264-270.	10.4	135
26	Diameter Dependence of the Wurtziteâˆ'Zinc Blende Transition in InAs Nanowires. Journal of Physical Chemistry C, 2010, 114, 3837-3842.	3.1	129
27	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
28	Nanowires With Promise for Photovoltaics. IEEE Journal of Selected Topics in Quantum Electronics, 2011, 17, 1050-1061.	2.9	123
29	InSb heterostructure nanowires: MOVPE growth under extreme lattice mismatch. Nanotechnology, 2009, 20, 495606.	2.6	121
30	Axial InP Nanowire Tandem Junction Grown on a Silicon Substrate. Nano Letters, 2011, 11, 2028-2031.	9.1	114
31	Size- and shape-controlled GaAs nano-whiskers grown by MOVPE: a growth study. Journal of Crystal Growth, 2004, 260, 18-22.	1.5	112
32	Evaluation of the change in the morphology of gold nanoparticles during sintering. Journal of Aerosol Science, 2002, 33, 1061-1074.	3.8	109
33	Review of Spark Discharge Generators for Production of Nanoparticle Aerosols. Aerosol Science and Technology, 2012, 46, 1256-1270.	3.1	106
34	Precursor evaluation for<i>in situ</i>InP nanowire doping. Nanotechnology, 2008, 19, 445602.	2.6	92
35	Growth and characterization of defect free GaAs nanowires. Journal of Crystal Growth, 2006, 287, 504-508.	1.5	91
36	Gold nanoparticle single-electron transistor with carbon nanotube leads. Applied Physics Letters, 2001, 79, 2106-2108.	3.3	87

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37	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
38	Microscopic aspects of the deposition of nanoparticles from the gas phase. Journal of Aerosol Science, 2002, 33, 1341-1359.	3.8	85
39	Position-Controlled Interconnected InAs Nanowire Networks. Nano Letters, 2006, 6, 2842-2847.	9.1	85
40	GaAs/GaSb nanowire heterostructures grown by MOVPE. Journal of Crystal Growth, 2008, 310, 4115-4121.	1.5	85
41	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
42	High-Performance Single Nanowire Tunnel Diodes. Nano Letters, 2010, 10, 974-979.	9.1	77
43	Reduction of the Schottky barrier height on silicon carbide using Au nano-particles. Solid-State Electronics, 2002, 46, 1433-1440.	1.4	69
44	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
45	Optimization of Au-assisted InAs nanowires grown by MOVPE. Journal of Crystal Growth, 2006, 297, 326-333.	1.5	67
46	Probing the Wurtzite Conduction Band Structure Using State Filling in Highly Doped InP Nanowires. Nano Letters, 2011, 11, 2286-2290.	9.1	66
47	Semiconductor nanowires for novel one-dimensional devices. Physica E: Low-Dimensional Systems and Nanostructures, 2004, 21, 560-567.	2.7	63
48	Surface-enhanced Raman scattering of rhodamine 6G on nanowire arrays decorated with gold nanoparticles. Nanotechnology, 2008, 19, 275712.	2.6	62
49	The use of gold for fabrication of nanowire structures. Gold Bulletin, 2009, 42, 172-181.	2.7	61
50	Transients in the Formation of Nanowire Heterostructures. Nano Letters, 2008, 8, 3815-3818.	9.1	58
51	Generation of size-selected gold nanoparticles by spark discharge â€" for growth of epitaxial nanowires. Gold Bulletin, 2009, 42, 20-26.	2.7	51
52	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
53	General Trends in Coreâ€"Shell Preferences for Bimetallic Nanoparticles. ACS Nano, 2021, 15, 8883-8895.	14.6	51
54	Single-crystalline Tungsten Nanoparticles Produced by Thermal Decomposition of Tungsten Hexacarbonyl. Journal of Materials Research, 2000, 15, 1564-1569.	2.6	49

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55	Contact mode atomic force microscopy imaging of nanometerâ€sized particles. Applied Physics Letters, 1995, 66, 3295-3297.	3.3	48
56	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
57	Structural Investigations of Coreâˆ’shell Nanowires Using Grazing Incidence X-ray Diffraction. Nano Letters, 2009, 9, 1877-1882.	9.1	47
58	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
59	Reversible formation of a PdCx phase in Pd nanoparticles upon CO and O2 exposure. Physical Chemistry Chemical Physics, 2012, 14, 4796.	2.8	47
60	Growth of GaP nanotree structures by sequential seeding of 1D nanowires. Journal of Crystal Growth, 2004, 272, 131-137.	1.5	45
61	Size-controlled nanoparticles by thermal cracking of iron pentacarbonyl. Applied Physics A: Materials Science and Processing, 2005, 80, 1579-1583.	2.3	45
62	Crystal structure control in Au-free self-seeded InSb wire growth. Nanotechnology, 2011, 22, 145603.	2.6	45
63	A comparative study of the effect of gold seed particle preparation method on nanowire growth. Nano Research, 2010, 3, 506-519.	10.4	43
64	Compaction of agglomerates of aerosol nanoparticles: A compilation of experimental data. Journal of Nanoparticle Research, 2005, 7, 43-49.	1.9	42
65	Nanostructured Deposition of Nanoparticles from the Gas Phase. Particle and Particle Systems Characterization, 2002, 19, 321-326.	2.3	41
66	Understanding the 3D structure of mathrm {GaAslangle 111angle B} nanowires. Nanotechnology, 2007, 18, 485717.	2.6	41
67	Self-seeded, position-controlled InAs nanowire growth on Si: A growth parameter study. Journal of Crystal Growth, 2011, 334, 51-56.	1.5	41
68	Directed Growth of Branched Nanowire Structures. MRS Bulletin, 2007, 32, 127-133.	3.5	40
69	Length Distributions of Nanowires Growing by Surface Diffusion. Crystal Growth and Design, 2016, 16, 2167-2172.	3.0	38
70	Approaches to increasing yield in evaporation/condensation nanoparticle generation. Journal of Aerosol Science, 2002, 33, 1309-1325.	3.8	37
71	GaAsP Nanowires Grown by Aerotaxy. Nano Letters, 2016, 16, 5701-5707.	9.1	36
72	A new method to fabricate size-selected compound semiconductor nanocrystals: aerotaxy. Journal of Crystal Growth, 1996, 169, 13-19.	1.5	35

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73	Improving InAs nanotree growth with composition-controlled Auâ€“In nanoparticles. Nanotechnology, 2006, 17, 1344-1350.	2.6	35
74	Control of GaP and GaAs Nanowire Morphology through Particle and Substrate Chemical Modification. Nano Letters, 2008, 8, 4087-4091.	9.1	35
75	Tip-enhanced Raman scattering of p-thiocresol molecules on individual gold nanoparticles. Applied Physics Letters, 2008, 92, 093110.	3.3	35
76	Optical detection of growth oscillations in high vacuum metalorganic vapor phase epitaxy. Applied Physics Letters, 1990, 56, 2414-2416.	3.3	34
77	Nanoparticulate materials and regulatory policy in Europe: An analysis of stakeholder perspectives. Journal of Nanoparticle Research, 2006, 8, 709-719.	1.9	34
78	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
79	Electrostatic precipitator for homogeneous deposition of ultrafine particles to create quantum-dot structures. Journal of Aerosol Science, 1996, 27, S151-S152.	3.8	33
80	InAs nanowires grown by MOVPE. Journal of Crystal Growth, 2007, 298, 631-634.	1.5	33
81	Generation of Pd Model Catalyst Nanoparticles by Spark Discharge. Journal of Physical Chemistry C, 2010, 114, 9257-9263.	3.1	32
82	Sintered aerosol masks for dryâ€etched quantum dots. Applied Physics Letters, 1994, 64, 3293-3295.	3.3	31
83	The structure of ã€ˆ111ã€‰B oriented GaP nanowires. Journal of Crystal Growth, 2007, 298, 635-639.	1.5	31
84	Single-electron devices via controlled assembly of designed nanoparticles. Microelectronic Engineering, 1999, 47, 179-183.	2.4	30
85	Electrospraying of colloidal nanoparticles for seeding of nanostructure growth. Nanotechnology, 2007, 18, 105304.	2.6	29
86	Continuous gas-phase synthesis of coreâ€“shell nanoparticles <i>via</i> surface segregation. Nanoscale Advances, 2021, 3, 3041-3052.	4.6	29
87	Degenerate p-doping of InP nanowires for large area tunnel diodes. Applied Physics Letters, 2011, 99, .	3.3	28
88	Zn-doping of GaAs nanowires grown by Aerotaxy. Journal of Crystal Growth, 2015, 414, 181-186.	1.5	28
89	Reflectance-difference study of surface chemistry in MOVPE growth. Journal of Crystal Growth, 1991, 107, 68-72.	1.5	27
90	Growth of doped InAsyP1âˆ’y nanowires with InP shells. Journal of Crystal Growth, 2011, 331, 8-14.	1.5	27

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91	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
92	Simultaneous growth mechanisms for Cu-seeded InP nanowires. Nano Research, 2012, 5, 297-306.	10.4	25
93	Geometric model for metalorganic vapour phase epitaxy of dense nanowire arrays. Journal of Crystal Growth, 2013, 366, 15-19.	1.5	23
94	Reflectance-difference probing of surface kinetics of (001) GaAs during vacuum chemical epitaxy. Journal of Crystal Growth, 1991, 111, 115-119.	1.5	22
95	Selfâ€limiting transformation of monodisperse Ga droplets into GaAs nanocrystals. Applied Physics Letters, 1996, 68, 1409-1411.	3.3	22
96	From plasma to nanoparticles: optical and particle emission of a spark discharge generator. Nanotechnology, 2017, 28, 475603.	2.6	21
97	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
98	Nanoparticle-Assisted Pool Boiling Heat Transfer on Micro-Pin-Fin Surfaces. Langmuir, 2021, 37, 1089-1101.	3.5	20
99	Size-selected nanocrystals of IIIâ€“V semiconductor materials by the aerotaxy method. Journal of Aerosol Science, 1998, 29, 737-748.	3.8	19
100	Semiconductor nanostructures enabled by aerosol technology. Frontiers of Physics, 2014, 9, 398-418.	5.0	19
101	Straight and kinked InAs nanowire growth observed in situ by transmission electron microscopy. Nano Research, 2014, 7, 1188-1194.	10.4	19
102	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
103	Size Determination of Au Aerosol Nanoparticles by Off-Line TEM/STEM Observations. Journal of Nanoparticle Research, 2006, 8, 971-980.	1.9	18
104	Epitaxial InP nanowire growth from Cu seed particles. Journal of Crystal Growth, 2011, 315, 134-137.	1.5	17
105	Dynamics of extremely anisotropic etching of InP nanowires by HCl. Chemical Physics Letters, 2011, 502, 222-224.	2.6	16
106	Recombination dynamics in aerotaxy-grown Zn-doped GaAs nanowires. Nanotechnology, 2016, 27, 455704.	2.6	16
107	Effects of growth conditions on the crystal structure of gold-seeded GaP nanowires. Journal of Crystal Growth, 2008, 310, 5102-5105.	1.5	15
108	<i>n</i>-type doping and morphology of GaAs nanowires in Aerotaxy. Nanotechnology, 2018, 29, 285601.	2.6	15

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109	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
110	Size- and Composition-Controlled Auâ€“Ga Aerosol Nanoparticles. Aerosol Science and Technology, 2004, 38, 948-954.	3.1	14
111	Height-controlled nanowire branches on nanotrees using a polymer mask. Nanotechnology, 2007, 18, 035601.	2.6	14
112	Gas-borne particles with tunable and highly controlled characteristics for nanotoxicology studies. Nanotoxicology, 2012, 7, 1052-1063.	3.0	14
113	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
114	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
115	Single GaInP nanowire p-i-n junctions near the direct to indirect bandgap crossover point. Applied Physics Letters, 2012, 100, 251103.	3.3	13
116	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
117	Simultaneous Growth of Pure Wurtzite and Zinc Blende Nanowires. Nano Letters, 2019, 19, 2723-2730.	9.1	13
118	CRYSTAL STRUCTURE OF BRANCHED EPITAXIAL IIIâ€“V NANOTREES. Nano, 2006, 01, 139-151.	1.0	12
119	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
120	Surface morphology of Au-free grown nanowires after native oxide removal. Nanoscale, 2015, 7, 9998-10004.	5.6	12
121	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
122	Aerotaxy: gas-phase epitaxy of quasi 1D nanostructures. Nanotechnology, 2021, 32, 025605.	2.6	11
123	Interface Dynamics in Agâ€“Cu₃P Nanoparticle Heterostructures. Journal of the American Chemical Society, 2022, 144, 248-258.	13.7	10
124	In situ observation of synthesized nanoparticles in ultra-dilute aerosols via X-ray scattering. Nano Research, 2019, 12, 25-31.	10.4	9
125	Direct observation of growth rate transients during homoepitaxy of GaAs. Thin Solid Films, 1993, 224, 133-136.	1.8	8
126	Coreâ€“shell InPâ€“CdS nanowires: fabrication and study. Journal of Physics Condensed Matter, 2007, 19, 295218.	1.8	8

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127	Synthesis of carbon nanotubes on FexOy doped Al2O3â€“ZrO2 nanopowder. Powder Technology, 2014, 266, 106-112.	4.2	8
128	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
129	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
130	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
131	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
132	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
133	Aerosol Fabrication of Nanocrystals of InP. Japanese Journal of Applied Physics, 1999, 38, 1056-1059.	1.5	6
134	Multiscale in modelling and validation for solar photovoltaics. EPJ Photovoltaics, 2018, 9, 10.	1.6	6
135	Sintering Mechanism of Core@Shell Metal@Metal Oxide Nanoparticles. Journal of Physical Chemistry C, 2021, 125, 16220-16227.	3.1	6
136	Reflectance difference for in-situ characterization of surfaces and epitaxial growth of GaAs on (001) GaAs. , 1992, , .		5
137	Cu particle seeded InPâ€“InAs axial nanowire heterostructures. Physica Status Solidi - Rapid Research Letters, 2013, 7, 850-854.	2.4	5
138	Pool Boiling Heat Transfer of Water on Copper Surfaces With Nanoparticles Coating. , 2017, , .		5
139	Silicon spike-doping of GaAs with AP-MOVPE. Journal of Crystal Growth, 1991, 107, 259-262.	1.5	4
140	Aerosol particles from metalorganic vapor phase epitaxy bubblers. Journal of Crystal Growth, 1994, 145, 636-641.	1.5	4
141	Nanoscale tungsten aerosol particles embedded in GaAs. Applied Physics Letters, 2002, 80, 2976-2978.	3.3	4
142	Title is missing!. Journal of Nanoparticle Research, 2002, 4, 351-356.	1.9	4
143	Solidâ€“liquidâ€“vapor metal-catalyzed etching of lateral and vertical nanopores. Nanotechnology, 2013, 24, 415303.	2.6	4
144	Airborne Gold Nanoparticle Detection Using Photoluminescence Excited with a Continuous Wave Laser. Applied Spectroscopy, 2021, 75, 1402-1409.	2.2	4

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145	Thermal charging of metal nanoparticles. Journal of Aerosol Science, 1998, 29, S847-S848.	3.8	3
146	Size-selected compound semiconductor quantum dots by nanoparticle conversion. Nanotechnology, 2007, 18, 105306.	2.6	3
147	Let's twist again. Nature Nanotechnology, 2008, 3, 457-458.	31.5	3
148	Quantitative laser diagnostics on trimethylindium pyrolysis and photolysis for functional nanoparticle growth. Measurement Science and Technology, 2022, 33, 055201.	2.6	2
149	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
150	Realâ€time monitoring of the reaction of H2S on GaAs. Journal of Applied Physics, 1993, 74, 6146-6149.	2.5	1
151	GaAs nanocrystals from Ga aerosols. Journal of Aerosol Science, 1995, 26, S903-S904.	3.8	1
152	Size-selected GaN and InN nanocrystals. Journal of Aerosol Science, 1997, 28, S471-S472.	3.8	1
153	Formation of ultrafine particles from powders of compounds with incongruent sublimation behavior. Journal of Aerosol Science, 1997, 28, S495-S496.	3.8	1
154	Agglomeration of nanoparticles on substrate surfaces due to particle interactions during deposition. Journal of Aerosol Science, 1998, 29, S1281-S1282.	3.8	1
155	Aerotaxy: A New Route to Formation of GaAs Nanocrystals from Ga Droplets. Materials Research Society Symposia Proceedings, 1995, 417, 123.	0.1	0
156	InP nanocrystals by aerotaxy method. Journal of Aerosol Science, 1997, 28, S487-S488.	3.8	0
157	Modelling the Homogeneous Deposition of Ultrafine Particles to Create Quantum-Dot Structures. Journal of Aerosol Science, 1997, 28, S489-S490.	3.8	0
158	Branched nanotrees seeded by gold aerosol nanoparticles. Journal of Aerosol Science, 2004, 35, 465-476.	3.8	0
159	Determination of the wurtzite content and orientation distribution of nanowire ensembles. Materials Research Society Symposia Proceedings, 2009, 1206, 113901.	0.1	0