Morten Willatzen

List of Publications by Year
in descending order

162 papers	3,809 citations	147726 31 h-index	155592 55 g-index
164 all docs	164 docs citations	164 times ranked	3522 citing authors

#	Article	IF	Citations
1	Electronic Properties of Semiconductor Nanowires. Journal of Nanoscience and Nanotechnology, 2008, 8, 1-26.	0.9	317
2	Nonlinear gain suppression in semiconductor lasers due to carrier heating. IEEE Photonics Technology Letters, 1991, 3, 606-609.	1.3	144
3	A general dynamic simulation model for evaporators and condensers in refrigeration. Part I: moving-boundary formulation of two-phase flows with heat exchange. International Journal of Refrigeration, 1998, 21, 398-403.	1.8	143
4	Terms linear in k in the band structure of wurtzite-type semiconductors. Physical Review B, 1996, 53, 10703-10714.	1.1	132
5	Linear muffin-tin-orbital and $k \cdot p$ calculations of effective masses and band structure of semiconducting diamond. Physical Review B, 1994, 50, 18054-18059.	1.1	126
6	Plasmonic metamaterial wave retarders in reflection by orthogonally oriented detuned electrical dipoles. Optics Letters, 2011, 36, 1626.	1.7	124
7	Theoretical modeling of triboelectric nanogenerators (TENGs). Journal of Applied Physics, 2020, 128, .	1.1	110
8	Parity-Time Synthetic Phononic Media. Physical Review Letters, 2016, 116, 207601.	2.9	108
9	3D mathematical model of contact-separation and single-electrode mode triboelectric nanogenerators. Nano Energy, 2019, 60, 630-640.	8.2	87
10	Detuned Electrical Dipoles for Plasmonic Sensing. Nano Letters, 2010, 10, 4571-4577.	4.5	86
11	Quantifying the power output and structural figure-of-merits of triboelectric nanogenerators in a charging system starting from the Maxwell's displacement current. Nano Energy, 2019, 59, 380-389.	8.2	84
12	Electromechanical phenomena in semiconductor nanostructures. Journal of Applied Physics, 2011, 109, .	1.1	71
13	A general dynamic simulation model for evaporators and condensers in refrigeration. Part II: simulation and control of an evaporator. International Journal of Refrigeration, 1998, 21, 404-414.	1.8	70
14	Spin-orbit coupling parameters and electron g factor of II-VI zinc-blende materials. Physical Review B, 1995, 51, 17992-17994.	1.1	68
15	Theory of piezotronics and piezo-phototronics. MRS Bulletin, 2018, 43, 928-935.	1.7	66
16	Eigenstates of Möbius nanostructures including curvature effects. Physical Review A, 2005, 72, .	1.0	64
17	Theory of contact electrification: Optical transitions in two-level systems. Nano Energy, 2018, 52, 517-523.	8.2	58
18	Prediction of strong piezoelectricity in 3R-MoS2 multilayer structures. Nano Energy, 2019, 56, 512-515.	8.2	55

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19	Nonlinear gain effects due to carrier heating and spectral holeburning in strained-quantum-well lasers. IEEE Photonics Technology Letters, 1992, 4, 682-685.	1.3	53
20	Effective Hamiltonians for phosphorene and silicene. New Journal of Physics, 2015, 17, 025004.	1.2	51
21	Extraordinary absorption of sound in porous lamella-crystals. Scientific Reports, 2015, 4, 4674.	1.6	50
22	Strain-engineered Majorana zero energy modes and φ_0 Josephson state in black phosphorus. Physical Review B, 2018, 98, .	1.1	46
23	Anomalous Topological Edge States in Non-Hermitian Piezophononic Media. Physical Review Letters, 2020, 125, 206402.	2.9	45
24	Three-dimensional modeling of alternating current triboelectric nanogenerator in the linear sliding mode. Applied Physics Reviews, 2020, 7, .	5.5	45
25	Acoustic gain in piezoelectric semiconductors at ϵ-near-zero response. Physical Review B, 2014, 89, .	1.1	40
26	Quantum Theory of Contact Electrification for Fluids and Solids. Advanced Functional Materials, 2020, 30, 1910461.	7.8	40
27	Confined states in lens-shaped quantum dots. Journal of Physics Condensed Matter, 2002, 14, 13667-13678.	0.7	38
28	Designing Rules and Optimization of Triboelectric Nanogenerator Arrays. Advanced Energy Materials, 2021, 11, 2100065.	10.2	38
29	Polarization dependence of optoelectronic properties in quantum dots and quantum wires-consequences of valence-band mixing. IEEE Journal of Quantum Electronics, 1994, 30, 640-653.	1.0	34
30	Dynamic coupling of piezoelectric effects, spontaneous polarization, and strain in lattice-mismatched semiconductor quantum-well heterostructures. Journal of Applied Physics, 2006, 100, 024302.	1.1	34
31	Fraunhofer response and supercurrent spin switching in black phosphorus with strain and disorder. Physical Review B, 2018, 98, .	1.1	33
32	Computational Methods for Electromechanical Fields in Self-Assembled Quantum Dots. Communications in Computational Physics, 2012, 11, 797-830.	0.7	30
33	Understanding Contact Electrification at Water/Polymer Interface. Research, 2022, 2022, 9861463.	2.8	30
34	Electron states in modulated nanowires. Journal of Applied Physics, 2003, 93, 9997-10000.	1.1	29
35	Ultrasonic flow metering errors due to pulsating flow. Flow Measurement and Instrumentation, 2004, 15, 179-185.	1.0	28
36	Dynamic Nonreciprocity in Loss-Compensated Piezophononic Media. Physical Review Applied, 2018, 9, .	1.5	28

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37	Tight-binding calculation of spin splittings in semiconductor superlattices. Physical Review B, 1995, 51, 5121-5129.	1.1	27
38	Can normal-incidence absorption be realized with n-doped (001)-grown direct-gap quantum wells?. Journal of Applied Physics, 1995, 78, 295-298.	1.1	27
39	Ultrasound transducer modeling-general theory and applications to ultrasound reciprocal systems. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2001, 48, 100-112.	1.7	27
40	Electronic structure of free-standing InP and InAs nanowires. Journal of Materials Research, 2006, 21, 2927-2935.	1.2	27
41	Relativistic electronic structure, effective masses, and inversion-asymmetry effects of cubic silicon carbide (3C-SiC). Physical Review B, 1995, 51, 13150-13161.	1.1	26
42	Theory of acoustic eigenmodes in parabolic cylindrical enclosures. Journal of Sound and Vibration, 2005, 286, 251-264.	2.1	25
43	Confined states in parabolic cylinder quantum dots. Physica E: Low-Dimensional Systems and Nanostructures, 2003, 16, 286-296.	1.3	24
44	Exact envelope-function theory versus symmetrized Hamiltonian for quantum wires: a comparison. Solid State Communications, 2004, 132, 141-149.	0.9	24
45	On triaxial ellipsoidal quantum dots. Journal of Physics Condensed Matter, 2004, 16, 1087-1093.	0.7	24
46	Quantum confinement phenomena in nanowire superlattice structures. Mathematics and Computers in Simulation, 2004, 65, 385-397.	2.4	23
47	Modeling a nanowire superlattice using the finite difference method in cylindrical polar coordinates. Computer Physics Communications, 2004, 157, 147-159.	3.0	23
48	Nonlinearities in ultrasonic flow measurement. Flow Measurement and Instrumentation, 2008, 19, 79-84.	1.0	23
49	Strain-engineered widely tunable perfect absorption angle in black phosphorus from first principles. Physical Review B, 2020, 102, .	1.1	23
50	Flow acoustics modelling and implications for ultrasonic flow measurement based on the transit-time method. Ultrasonics, 2004, 41, 805-810.	2.1	22
51	Carrier temperature and spectral holeburning dynamics in InGaAsP quantum well laser amplifiers. Applied Physics Letters, 1994, 64, 143-145.	1.5	20
52	Nonlinear Dynamical Model for Hysteresis Based on Nonconvex Potential Energy. Journal of Engineering Mechanics - ASCE, 2007, 133, 506-513.	1.6	20
53	Control of superconducting pairing symmetries in monolayer black phosphorus. Physical Review B, 2019, 99, .	1.1	20
54	Electron transfer in the contact-electrification between corrugated 2D materials: A first-principles study. Nano Energy, 2021, 79, 105386.	8.2	20

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55	2D Materials as Effective Cantilever Piezoelectric Nano Energy Harvesters. ACS Energy Letters, 2021, 6, 2313-2319.	8.8	20
56	Theoretical study of band-edge states inSn1Genstrained-layer superlattices. Physical Review B, 1995, 52, 5070-5081.	1.1	19
57	Calculations of intersubband optics for symmetric and asymmetric quantum wells, wires and dots. Semiconductor Science and Technology, 1995, 10, 416-421.	1.0	19
58	Perturbation theory applied to sound propagation in flowing media confined by a cylindrical waveguide. Journal of the Acoustical Society of America, 2001, 109, 102-107.	0.5	19
59	SOUND PROPAGATION IN A MOVING FLUID CONFINED BY CYLINDRICAL WALLS—A COMPARISON BETWEEN AN EXACT ANALYSIS AND THE LOCAL-PLANE-WAVE APPROXIMATION. Journal of Sound and Vibration, 2001, 247, 719-729.	2.1	19
60	Prediction of barrier localization in modulated nanowires. Journal of Applied Physics, 2004, 96, 4660-4662.	1.1	19
61	Control of the input efficiency of photons into solar cells with plasmonic nanoparticles. Optics Communications, 2011, 284, 2226-2229.	1.0	19
62	Theoretical model and optimal output of a cylindrical triboelectric nanogenerator. Nano Energy, 2022, 92, 106762.	8.2	19
63	Metadevices for the confinement of sound and broadband double-negativity behavior. Physical Review B, 2013, 88, .	1.1	18
64	High performance piezotronic devices based on non-uniform strain. Nano Energy, 2019, 60, 649-655.	8.2	18
65	Out-of-Plane Polarization in Bent Graphene-Like Zinc Oxide and Nanogenerator Applications. Advanced Functional Materials, 2020, 30, 1907885.	7.8	18
66	Modeling transducer impulse responses for predicting calibrated pressure pulses with the ultrasound simulation program Field II. Journal of the Acoustical Society of America, 2010, 127, 2825-2835.	0.5	17
67	Comment on ''Multiband coupling effects on electron quantum well intersubband transitions'' [J. Appl. Phys. 77, 747 (1995)]. Journal of Applied Physics, 1996, 80, 600-602.	1.1	16
68	Finite Element Simulation of Photoacoustic Pressure in a Resonant Photoacoustic Cell Using Lossy Boundary Conditions. International Journal of Thermophysics, 2011, 32, 774-785.	1.0	15
69	Mechanically Bent Graphene as an Effective Piezoelectric Nanogenerator. Journal of Physical Chemistry C, 2018, 122, 20581-20588.	1.5	15
70	Shape- and size dependent piezoelectric properties of monolayer hexagonal boron nitride nanosheets. Nanoscale Advances, 2020, 2, 470-477.	2.2	15
71	Contact Electrification by Quantum-Mechanical Tunneling. Research, 2019, 2019, 6528689.	2.8	15
72	Ultrasonic flowmeters: temperature gradients and transducer geometry effects. Ultrasonics, 2003, 41, 105-114.	2.1	14

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73	Quantum eigenstates of curved nanowire structures. Physica B: Condensed Matter, 2006, 371, 112-119.	1.3	14
74	Comparison of wurtzite atomistic and piezoelectric continuum strain models: Implications for the electronic band structure. Superlattices and Microstructures, 2010, 47, 134-138.	1.4	14
75	Temperature gradients and flow-meter performance. Ultrasonics, 2001, 39, 383-389.	2.1	13
76	Electromechanical fields in GaN/AlN wurtzite quantum dots. Journal of Physics: Conference Series, 2008, 107, 012001.	0.3	13
77	Spurious Solutions in the Multiband Effective Mass Theory Applied to Low Dimensional Nanostructures. Communications in Computational Physics, 2009, 6, 699-729.	0.7	13
78	Helmholtz equation in parabolic rotational coordinates: application to wave problems in quantum mechanics and acoustics. Mathematics and Computers in Simulation, 2004, 65, 337-349.	2.4	12
79	Influence of Aspect Ratio on the Lowest States of Quantum Rods. Nano Letters, 2004, 4, 289-292.	4.5	12
80	Vibration of piezoelectric elements surrounded by fluid media. Ultrasonics, 2006, 44, 64-72.	2.1	12
81	The Ben Daniel–Duke model in general nanowire structures. Journal of Physics Condensed Matter, 2007, 19, 136217.	0.7	12
82	Electrostriction Coefficients of GaN, AlN, MgO and ZnO in the Wurtzite Structure from First-Principles. AIP Conference Proceedings, 2010, , .	0.3	11
83	Exergy costing for energy saving in combined heating and cooling applications. Energy Conversion and Management, 2014, 86, 349-355.	4.4	11
84	Electromechanical field effects in InAs/GaAs quantum dots based on continuum $k \cdot p$ and atomistic tight-binding methods. Computational Materials Science, 2021, 197, 110678.	1.4	11
85	Influence of the Metal Contact Size on the Electron Dynamics and Transport Inside the Semiconductor Heterostructure Nanowire. Journal of Computational and Theoretical Nanoscience, 2006, 3, 551-559.	0.4	11
86	Three-dimensional mathematical modelling and dynamic analysis of freestanding triboelectric nanogenerators. Journal Physics D: Applied Physics, 2022, 55, 345501.	1.3	11
87	Comment on: "Confined states in two-dimensional flat elliptic quantum dots and elliptic quantum wires"[Physica E 11 (2001) 345]. Physica E: Low-Dimensional Systems and Nanostructures, 2003, 18, 547-549.	1.3	10
88	Numerical implementation of the ellipsoidal wave equation and application to ellipsoidal quantum dots. Computer Physics Communications, 2005, 171, 1-18.	3.0	10
89	Piezoelectric models for semiconductor quantum dots. Microelectronics Journal, 2008, 39, 1226-1228.	1.1	10
90	Acoustic Gain in Solids due to Piezoelectricity, Flexoelectricity, and Electrostriction. Advanced Functional Materials, 2020, 30, 2003503.	7.8	10

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91	Ultrasonic flow measurement and wall acoustic impedance effects. Ultrasonics, 2004, 41, 719-726.	2.1	9
92	Acoustic wave propagation and stochastic effects in metamaterial absorbers. Applied Physics Letters, 2014, 105, 043508.	1.5	9
93	Multiband $\mathrm{k}\cdot\mathrm{p}$ model and fitting scheme for *ab initio* based electronic structure parameters for wurtzite GaAs. Physical Review B, 2020, 101, .	1.1	9
94	Energy Optimization of a Mirror‐Symmetric Spherical Triboelectric Nanogenerator. Advanced Functional Materials, 2022, 32, .	7.8	9
95	Static and dynamic effects due to electrostriction in GaN/AlN. Journal of Physics Condensed Matter, 2007, 19, 506202.	0.7	8
96	Band parameters of phosphorene. Journal of Physics: Conference Series, 2015, 633, 012042.	0.3	8
97	Piezoelectric and deformation potential effects of strain-dependent luminescence in semiconductor quantum well structures. Nano Research, 2017, 10, 134-144.	5.8	8
98	Phase shift and attenuation characteristics of acoustic waves in a flowing gas confined by cylindrical walls. Journal of Sound and Vibration, 2003, 261, 791-804.	2.1	7
99	A general treatment of deformation effects in Hamiltonians for inhomogeneous crystalline materials. Journal of Mathematical Physics, 2005, 46, 112102.	0.5	7
100	Electronic properties of nanowire superlattices in the presence of strain and magnetic-field effects. Journal of Physics Condensed Matter, 2008, 20, 345216.	0.7	7
101	Isogeometric analysis of sound propagation through laminar flow in 2-dimensional ducts. Computer Methods in Applied Mechanics and Engineering, 2015, 284, 1098-1119.	3.4	7
102	Theoretical study of the electromechanical efficiency of a loaded tubular dielectric elastomer actuator. Applied Mathematical Modelling, 2016, 40, 1232-1246.	2.2	7
103	Strain-enhanced optical absorbance of topological insulator films. Physical Review B, 2018, 97, .	1.1	7
104	Modeling and optimization of a rotational symmetric spherical triboelectric generator. Nano Energy, 2022, 100, 107491.	8.2	7
105	Intersubband optics in parabolic quantum dots. IEEE Journal of Quantum Electronics, 2003, 39, 1424-1429.	1.0	6
106	Eigenmodes of triaxial ellipsoidal acoustical cavities with mixed boundary conditions. Journal of the Acoustical Society of America, 2004, 116, 3279-3283.	0.5	6
107	Extension of the Landau theory for hysteretic electric dynamics in ferroelectric ceramics. Journal of Electroceramics, 2010, 24, 51-57.	0.8	6
108	Acousto-optical phonon excitation in cubic piezoelectric slabs and crystal growth orientation effects. Physical Review B, 2017, 95, .	1.1	6

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109	3D continuum phonon model for group-IV 2D materials. Beilstein Journal of Nanotechnology, 2017, 8, 1345-1356.	1.5	6
110	Inclusion of Nonlinear Strain Effects in the Hamiltonian for Nanoscale Semiconductor Structures. Journal of Computational and Theoretical Nanoscience, 2006, 3, 588-597.	0.4	6
111	Angular confinement, non-integral quantum numbers, and controllable degeneracies. Europhysics Letters, 2003, 62, 299-305.	0.7	5
112	Nonlinearities and piezoelectric fields in AlNâˆ•GaN wurtzite heterostructures. Journal of Applied Physics, 2006, 100, 124309.	1.1	5
113	Liquid flows and vibration characteristics of straight-tube cylindrical shells. Journal of Sound and Vibration, 2003, 260, 417-429.	2.1	4
114	Modelling the acoustical response of lossy lamella-crystals. Journal of Applied Physics, 2014, 116, .	1.1	4
115	The Fourâ€Band Spinâ€Less Kane Model in Curvilinear Coordinates. Physica Status Solidi - Rapid Research Letters, 2019, 13, 1800305.	1.2	4
116	Quantum-mechanical model for optical transitions between solids. Nano Energy, 2019, 61, 311-317.	8.2	4
117	Resonance photogeneration of hot electrons through Tamm surface states. Optics Letters, 2021, 46, 568.	1.7	4
118	Theory and shape optimization of acoustic driven triboelectric nanogenerators. Materials Today Physics, 2022, 27, 100784.	2.9	4
119	THE INFLUENCE OF A LIQUID FLOW ON SOUND FIELDS CONFINED BY CONICAL WALLS. Journal of Sound and Vibration, 2001, 248, 847-863.	2.1	3
120	Nonlinear strain models in the analysis of quantum dot molecules. Nonlinear Analysis: Theory, Methods & Applications, 2005, 63, e2165-e2176.	0.6	3
121	Electrostriction in GaN/AlN heterostructures. Superlattices and Microstructures, 2008, 43, 436-440.	1.4	3
122	Curved nanowire structures and exciton binding energies. Journal of Physics Condensed Matter, 2009, 21, 205302.	0.7	3
123	Modelling of nonlinear dynamics for reciprocal multi-layer piezoceramic transducer systems. Applied Mathematical Modelling, 2009, 33, 2263-2273.	2.2	3
124	Minimal model for spoof acoustoelastic surface states. AIP Advances, 2014, 4, 124301.	0.6	3
125	Tunable Broadband Acoustic Gain in Piezoelectric Semiconductors at μ-Near-Zero Response. Acta Acustica United With Acustica, 2015, 101, 986-992.	0.8	3
126	Model Calculation of the Piezoelectric Coefficient of Hexagonal 2D Materials. Advanced Theory and Simulations, 2019, 2, 1800186.	1.3	3

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127	On the Geometry of Nanowires and the Role of Torsion. Physica Status Solidi - Rapid Research Letters, 2019, 13, 1800357.	1.2	3
128	Generalized Weisskopfâ€Wigner model of triboelectroluminescence. EcoMat, 2021, 3, e12086.	6.8	3
129	Investigation of inversion-asymmetry effects on the band structure of Sn1Gen superlattices. Solid-State Electronics, 1996, 40, 191-195.	0.8	2
130	Non-linear strain theory for low-dimensional semiconductor structures. Nonlinear Analysis: Theory, Methods & Applications, 2005, 63, e1607-e1617.	0.6	2
131	Band-mixing and strain effects in InAs/GaAs quantum rings. Superlattices and Microstructures, 2010, 47, 103-107.	1.4	2
132	Scattering Suppression and Field Enhancement of the Fundamental Plasmonic Mode in Bent Nanorods. Journal of Computational and Theoretical Nanoscience, 2011, 8, 1619-1624.	0.4	2
133	`Spatial impulse response of a rectangular double curved transducer. Journal of the Acoustical Society of America, 2012, 131, 2730-2741.	0.5	2
134	Strong curvature effects in Neumann wave problems. Journal of Mathematical Physics, 2012, 53, .	0.5	2
135	Mechanical Properties of Laminate Materials: From Surface Waves to Bloch Oscillations. Physical Review Applied, 2015, 4, .	1.5	2
136	On chain models for contact electrification. Journal of Physics Condensed Matter, 2022, 34, 135501.	0.7	2
137	Flow acoustics in periodic structures. Ultrasonics, 2005, 43, 756-763.	2.1	1
138	Acoustic waves in a medium bounded by curved surfaces. Journal of Sound and Vibration, 2006, 296, 46-58.	2.1	1
139	Electron states in curved quantum structures with varying radius. Superlattices and Microstructures, 2008, 43, 441-444.	1.4	1
140	Modelling Acoustic Wave Propagation in Axisymmetric Varying-Radius Waveguides. Acta Acustica United With Acustica, 2008, 94, 668-675.	0.8	1
141	Investigating the effect of magnetic pipes connected to electromagnetic flowmeters using experimentally validated finite element models. Flow Measurement and Instrumentation, 2010, 21, 62-69.	1.0	1
142	Laplace boundary-value problem in paraboloidal coordinates. European Journal of Physics, 2012, 33, 689-696.	0.3	1
143	Dynamic Modeling of Phase Crossings in Two-Phase Flow. Communications in Computational Physics, 2012, 12, 1129-1147.	0.7	1
144	Multilayer Piezoelectric Transducer Models Combined with Field II. Acta Acustica United With Acustica, 2012, 98, 546-554.	0.8	1

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145	A theory of generalized Bloch oscillations. Journal of Physics Condensed Matter, 2016, 28, 155301.	0.7	1
146	Acousto-optical phonon excitation in piezoelectric wurtzite slabs and crystal growth orientation effects. Semiconductor Science and Technology, 2017, 32, 064001.	1.0	1
147	Quantum Eigenstates of Curved and Varying Cross-Sectional Waveguides. Applied Sciences (Switzerland), 2020, 10, 7240.	1.3	1
148	Piezoelectric tunability and topological insulator transition in a GaN/InN/GaN quantum-well device. JPhys Materials, 2021, 4, 034008.	1.8	1
149	Differential Geometry Applied to Rings and MÃ¶bius Nanostructures. Nanoscience and Technology, 2014, , 409-435.	1.5	1
150	Plasmonic Effects in Dynamic Tunable Metal-dielectric Composites. Progress in Electromagnetics Research Symposium: [proceedings] Progress in Electromagnetics Research Symposium, 2008, 4, 625-630.	0.4	1
151	Geometry-induced localization phenomena in semiconductor quantum-dot heterostructures. Physica E: Low-Dimensional Systems and Nanostructures, 2005, 28, 568-575.	1.3	0
152	Analytical treatment of SchrÃ¶dinger problems with geometrical perturbations. Physica Scripta, 2006, 73, 478-483.	1.2	0
153	Effective computation of complex-shaped quantum-dot structures. Applied Physics A: Materials Science and Processing, 2009, 96, 609-613.	1.1	0
154	Photoacoustics in a Cylindrical Resonator Containing a Flowing Gas. Acta Acustica United With Acustica, 2010, 96, 797-806.	0.8	0
155	Electron conductance in curved quantum structures. Superlattices and Microstructures, 2010, 47, 202-206.	1.4	0
156	Near Infrared Photoacoustic Detection of Heptane in Synthetic Air. Acta Acustica United With Acustica, 2013, 99, 317-322.	0.8	0
157	Efficient modeling of Coulomb interaction effect on exciton in crystal-phase nanowire quantum dot. , 2016, , .		0
158	Type-II quantum dot nanowire structures with large oscillator strengths for optical quantum gating applications. , 2017, , .		0
159	Efficient modeling of excitons in type-II nanowire quantum dots. , 2017, , .		0
160	Numerical simulations of nanostructured gold films. , 2017, , .		0
161	Strain tuning of optical properties in Bi$_2$Se$_3$. , 2017, , .		0
162	Data-driven electronic structure calculations in semiconductor nanostructures â€" beyond the eight-band k · p formalism. , 2018, , .		0