

# Jan Wiersig

## 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.

152  
papers

6,079  
citations

36  
h-index

75  
g-index

177  
ext. papers

7,511  
ext. citations

4.7  
avg, IF

6.68  
L-index

#	Paper	IF	Citations
152	Bimodal behavior of microlasers investigated with a two-channel photon-number-resolving transition-edge sensor system. <i>Physical Review Research</i> , <b>2021</b> , 3,	3.9	5
151	Physics and Applications of High-Q Micro- and Nanolasers. <i>Advanced Optical Materials</i> , <b>2021</b> , 9, 2100415	8.1	5
150	Regulated Photon Transport in Chaotic Microcavities by Tailoring Phase Space.. <i>Physical Review Letters</i> , <b>2021</b> , 127, 273902	7.4	1
149	Robust lasing of modes localized on marginally unstable periodic orbits. <i>Physical Review A</i> , <b>2020</b> , 101,	2.6	3
148	Prospects and fundamental limits in exceptional point-based sensing. <i>Nature Communications</i> , <b>2020</b> , 11, 2454	17.4	19
147	Robustness of exceptional-point-based sensors against parametric noise: The role of Hamiltonian and Liouvillian degeneracies. <i>Physical Review A</i> , <b>2020</b> , 101,	2.6	17
146	Non-Hermitian scattering on a tight-binding lattice. <i>Physical Review A</i> , <b>2020</b> , 102,	2.6	4
145	Morphology of wetting-layer states in a simple quantum-dot wetting-layer model. <i>Journal of Physics Condensed Matter</i> , <b>2020</b> , 32, 075301	1.8	
144	Resonance-assisted Tunneling in Weakly Deformed Microdisk Cavities <b>2020</b> , 315-358		
143	Microstar cavities: An alternative concept for the confinement of light. <i>Physical Review Research</i> , <b>2020</b> , 2,	3.9	1
142	Decay suppression of spontaneous emission of a single emitter in a high-Q cavity at exceptional points. <i>Physical Review Research</i> , <b>2020</b> , 2,	3.9	8
141	Review of exceptional point-based sensors. <i>Photonics Research</i> , <b>2020</b> , 8, 1457	6	42
140	Weakly deformed optical microdisks: A third-order perturbation theory for transverse-magnetic modes. <i>Journal of Physics Communications</i> , <b>2020</b> , 4, 105020	1.2	
139	High-order exceptional points of counterpropagating waves in weakly deformed microdisk cavities. <i>Physical Review A</i> , <b>2019</b> , 100,	2.6	14
138	Regular-Orbit-Engineered Chaotic Photon Transport in Mixed Phase Space. <i>Physical Review Letters</i> , <b>2019</b> , 123, 173903	7.4	5
137	Corrected perturbation theory for transverse-electric whispering-gallery modes in deformed microdisks. <i>Physical Review A</i> , <b>2019</b> , 99,	2.6	3
136	Nonorthogonality constraints in open quantum and wave systems. <i>Physical Review Research</i> , <b>2019</b> , 1,	3.9	7

135	Non-Hermitian degeneracies of internal-external mode pairs in dielectric microdisks. <i>Photonics Research</i> , <b>2019</b> , 7, 464	6	11
134	Pair of Exceptional Points in a Microdisk Cavity under an Extremely Weak Deformation. <i>Physical Review Letters</i> , <b>2018</b> , 120, 093902	7.4	28
133	Exceptional points of third-order in a layered optical microdisk cavity. <i>New Journal of Physics</i> , <b>2018</b> , 20, 083016	2.9	20
132	Spontaneous T-symmetry breaking and exceptional points in cavity quantum electrodynamics systems. <i>Science Bulletin</i> , <b>2018</b> , 63, 1096-1100	10.6	13
131	Transporting the Optical Chirality through the Dynamical Barriers in Optical Microcavities. <i>Laser and Photonics Reviews</i> , <b>2018</b> , 12, 1800027	8.3	17
130	Exceptional points by coupling of modes with different angular momenta in deformed microdisks: A perturbative analysis. <i>Physical Review A</i> , <b>2018</b> , 98,	2.6	11
129	Chaotic-To-Regular Tunneling: Transporting the Optical Chirality through the Dynamical Barriers in Optical Microcavities (Laser Photonics Rev. 12(10)/2018). <i>Laser and Photonics Reviews</i> , <b>2018</b> , 12, 1870045	8.3	3
128	Role of nonorthogonality of energy eigenstates in quantum systems with localized losses. <i>Physical Review A</i> , <b>2018</b> , 98,	2.6	2
127	Determination of the full statistics of quantum observables using the maximum-entropy method. <i>Physical Review A</i> , <b>2018</b> , 98,	2.6	4
126	Non-Hermitian Effects Due to Asymmetric Backscattering of Light in Whispering-Gallery Microcavities. <i>Springer Tracts in Modern Physics</i> , <b>2018</b> , 155-184	0.1	1
125	Superthermal photon bunching in terms of simple probability distributions. <i>Physical Review A</i> , <b>2018</b> , 97,	2.6	9
124	Exploring the Photon-Number Distribution of Bimodal Microlasers with a Transition Edge Sensor. <i>Physical Review Applied</i> , <b>2018</b> , 9,	4.3	21
123	Chaos-assisted broadband momentum transformation in optical microresonators. <i>Science</i> , <b>2017</b> , 358, 344-347	33.3	159
122	Frequency splittings in deformed optical microdisk cavities. <i>Physical Review A</i> , <b>2017</b> , 96,	2.6	8
121	Pump-Power-Driven Mode Switching in a Microcavity Device and Its Relation to Bose-Einstein Condensation. <i>Physical Review X</i> , <b>2017</b> , 7,	9.1	14
120	Optical microdisk cavities with rough sidewalls: A perturbative approach based on weak boundary deformations. <i>Physical Review A</i> , <b>2017</b> , 95,	2.6	6
119	Exceptional points enhance sensing in an optical microcavity. <i>Nature</i> , <b>2017</b> , 548, 192-196	50.4	685
118	Computer-aided cluster expansion: An efficient algebraic approach for open quantum many-particle systems. <i>Computer Physics Communications</i> , <b>2017</b> , 212, 210-219	4.2	5

117	Separatrix modes in weakly deformed microdisk cavities. <i>Optics Express</i> , <b>2017</b> , 25, 8048-8062	3.3	4
116	Inverse problem for light emission from weakly deformed microdisk cavities. <i>Physical Review A</i> , <b>2016</b> , 94,	2.6	6
115	Nonlinear dynamical tunneling of optical whispering gallery modes in the presence of a Kerr nonlinearity. <i>Physical Review A</i> , <b>2016</b> , 94,	2.6	4
114	Sensors operating at exceptional points: General theory. <i>Physical Review A</i> , <b>2016</b> , 93,	2.6	175
113	Perturbation theory for asymmetric deformed microdisk cavities. <i>Physical Review A</i> , <b>2016</b> , 94,	2.6	13
112	Chiral modes and directional lasing at exceptional points. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2016</b> , 113, 6845-50	11.5	257
111	FrobeniusPerron eigenstates in deformed microdisk cavities: non-Hermitian physics and asymmetric backscattering in ray dynamics. <i>New Journal of Physics</i> , <b>2016</b> , 18, 015005	2.9	21
110	Giant photon bunching, superradiant pulse emission and excitation trapping in quantum-dot nanolasers. <i>Nature Communications</i> , <b>2016</b> , 7, 11540	17.4	78
109	Effect of direct dissipative coupling of two competing modes on intensity fluctuations in a quantum-dot-microcavity laser. <i>Physical Review A</i> , <b>2016</b> , 94,	2.6	6
108	Q spoiling in deformed optical microdisks due to resonance-assisted tunneling. <i>Physical Review E</i> , <b>2016</b> , 94, 022202	2.4	15
107	Unconventional collective normal-mode coupling in quantum-dot-based bimodal microlasers. <i>Physical Review A</i> , <b>2015</b> , 91,	2.6	12
106	Unidirectional light emission from low-index polymer microlasers. <i>Applied Physics Letters</i> , <b>2015</b> , 106, 101107	3.4	16
105	Sub- and Superradiance in Nanolasers. <i>Physical Review Applied</i> , <b>2015</b> , 4,	4.3	47
104	Rotating optical microcavities with broken chiral symmetry. <i>Physical Review Letters</i> , <b>2015</b> , 114, 053903	7.4	38
103	Dielectric microcavities: Model systems for wave chaos and non-Hermitian physics. <i>Reviews of Modern Physics</i> , <b>2015</b> , 87, 61-111	40.5	363
102	Perturbative analysis of whispering-gallery modes in limaçon-shaped microcavities. <i>Physical Review A</i> , <b>2014</b> , 89,	2.6	13
101	Enhancing the Sensitivity of Frequency and Energy Splitting Detection by Using Exceptional Points: Application to Microcavity Sensors for Single-Particle Detection. <i>Physical Review Letters</i> , <b>2014</b> , 112,	7.4	374
100	Expectation value based equation-of-motion approach for open quantum systems: A general formalism. <i>Physical Review B</i> , <b>2014</b> , 89,	3.3	31

99	Chiral and nonorthogonal eigenstate pairs in open quantum systems with weak backscattering between counterpropagating traveling waves. <i>Physical Review A</i> , <b>2014</b> , 89,	2.6	30
98	Non-Hermitian-transport effects in coupled-resonator optical waveguides. <i>Physical Review A</i> , <b>2014</b> , 90,	2.6	24
97	Controlling multimode coupling by boundary-wave scattering. <i>Physical Review A</i> , <b>2013</b> , 88,	2.6	16
96	Semiclassical evaluation of frequency splittings in coupled optical microdisks. <i>Optics Express</i> , <b>2013</b> , 21, 24240-53	3.3	7
95	Adiabatic formation of high-Qmodes by suppression of chaotic diffusion in deformed microdiscs. <i>New Journal of Physics</i> , <b>2013</b> , 15, 113058	2.9	3
94	Strong mode coupling in InP quantum dot-based GaInP microdisk cavity dimers. <i>New Journal of Physics</i> , <b>2013</b> , 15, 013060	2.9	9
93	Mode selection in electrically driven quantum dot microring cavities. <i>Optics Express</i> , <b>2013</b> , 21, 15951-8	3.3	22
92	Intensity fluctuations in bimodal micropillar lasers enhanced by quantum-dot gain competition. <i>Physical Review A</i> , <b>2013</b> , 87,	2.6	41
91	Equation-of-motion technique for finite-size quantum-dot systems: Cluster expansion method. <i>Physical Review B</i> , <b>2013</b> , 87,	3.3	17
90	Formation of long-lived resonances in hexagonal cavities by strong coupling of superscar modes. <i>Physical Review A</i> , <b>2013</b> , 88,	2.6	30
89	Strong photon bunching in a quantum-dot-based two-mode microcavity laser. <i>Physica Status Solidi (B): Basic Research</i> , <b>2013</b> , 250, 1777-1780	1.3	4
88	Expectation value based cluster expansion. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , <b>2013</b> , 10, 1242-1245		7
87	Quality-factor enhancement of optical modes mediated by strong coupling in micron-size semiconductor disks. <i>Physica Status Solidi (B): Basic Research</i> , <b>2012</b> , 249, 925-928	1.3	5
86	Perturbative approach to optical microdisks with a local boundary deformation. <i>Physical Review A</i> , <b>2012</b> , 85,	2.6	20
85	Deformed wavelength-scale microdisk lasers with quantum dot emitters <b>2012</b> , 225-251		
84	Directional whispering gallery mode emission from Limañ-shaped electrically pumped quantum dot micropillar lasers. <i>Applied Physics Letters</i> , <b>2012</b> , 101, 021116	3.4	37
83	Local chirality of optical resonances in ultrasmall resonators. <i>Physical Review Letters</i> , <b>2012</b> , 108, 253902	7.4	37
82	Review on unidirectional light emission from ultralow-loss modes in deformed microdisks <b>2012</b> , 109-152		1

81	Light emission of a scarlike mode with assistance of quasiperiodicity. <i>Physical Review A</i> , <b>2011</b> , 84,	2.6	18
80	Lasing properties of InP/(Ga <sub>0.51</sub> In <sub>0.49</sub> )P quantum dots in microdisk cavities. <i>Physical Review B</i> , <b>2011</b> , 83,	3.3	24
79	Quality-factor enhancement of supermodes in coupled microdisks. <i>Optics Letters</i> , <b>2011</b> , 36, 1317-9	3	43
78	Computation of the coherence time of quantum-dot microcavity lasers including photon barrier and photon-photon correlations. <i>Physica Status Solidi (B): Basic Research</i> , <b>2011</b> , 248, 883-886	1.3	10
77	Wavelength-scale deformed microdisk lasers. <i>Physical Review A</i> , <b>2011</b> , 84,	2.6	23
76	Structure of whispering-gallery modes in optical microdisks perturbed by nanoparticles. <i>Physical Review A</i> , <b>2011</b> , 84,	2.6	99
75	Nonorthogonal pairs of copropagating optical modes in deformed microdisk cavities. <i>Physical Review A</i> , <b>2011</b> , 84,	2.6	60
74	Whispering gallery modes formed by partial barriers in ultrasmall deformed microdisks. <i>Physical Review E</i> , <b>2011</b> , 84, 035202	2.4	19
73	Measurement of the Goos-Hänchen shift in a microwave cavity. <i>New Journal of Physics</i> , <b>2011</b> , 13, 023013	2.9	16
72	Electromagnetic modes in cavities made of negative-index metamaterials. <i>Physical Review A</i> , <b>2010</b> , 81,	2.6	5
71	Directional laser emission from a wavelength-scale chaotic microcavity. <i>Physical Review Letters</i> , <b>2010</b> , 105, 103902	7.4	105
70	Whispering-gallery mode resonators for highly unidirectional laser action. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2010</b> , 107, 22407-12	11.5	151
69	Interplay of Goos-Hänchen shift and boundary curvature in deformed microdisks. <i>Physical Review E</i> , <b>2010</b> , 82, 026202	2.4	22
68	Microscopic theory of first-order coherence in microcavity lasers based on semiconductor quantum dots. <i>Physical Review B</i> , <b>2010</b> , 82,	3.3	7
67	Quality factors and dynamical tunneling in annular microcavities. <i>Physical Review A</i> , <b>2009</b> , 79,	2.6	39
66	Ray-wave correspondence in limaçon-shaped semiconductor microcavities. <i>Physical Review A</i> , <b>2009</b> , 80,	2.6	49
65	Directional emission and universal far-field behavior from semiconductor lasers with limaçon-shaped microcavity. <i>Applied Physics Letters</i> , <b>2009</b> , 94, 251101	3.4	81
64	Marginally unstable periodic orbits in semiclassical mushroom billiards. <i>Physical Review Letters</i> , <b>2009</b> , 103, 154101	7.4	15

63	Lifetime statistics in chaotic dielectric microresonators. <i>Physical Review A</i> , <b>2009</b> , 79,	2.6	18
62	Deformed microcavity quantum cascade lasers with directional emission. <i>New Journal of Physics</i> , <b>2009</b> , 11, 125018	2.9	23
61	Properties and prospects of blue-green emitting II-VI-based monolithic microcavities. <i>Physica Status Solidi (B): Basic Research</i> , <b>2009</b> , 246, 255-271	1.3	17
60	Coherence properties and dynamical photon correlations of quantum-dot-based microcavity lasers. <i>Physica Status Solidi (B): Basic Research</i> , <b>2009</b> , 246, 273-276	1.3	
59	Emission properties of ZnSe-based pillar microcavities at elevated temperatures. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , <b>2009</b> , 6, 508-511		2
58	Coherence length of high- $\beta$ semiconductor microcavity lasers. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , <b>2009</b> , 6, 568-571		
57	Ultrafast intensity correlation measurements of quantum dot microcavity lasers. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , <b>2009</b> , 6, 399-402		
56	Direct observation of correlations between individual photon emission events of a microcavity laser. <i>Nature</i> , <b>2009</b> , 460, 245-9	50.4	167
55	Quantum Statistical Properties of the Light Emission from Quantum Dots in Microcavities. <i>Nanoscience and Technology</i> , <b>2009</b> , 1-30	0.6	
54	Green laser emission from monolithic II-VI-based pillar microcavities near room temperature. <i>Applied Physics Letters</i> , <b>2008</b> , 92, 031101	3.4	22
53	Wide-Bandgap Quantum Dot Based Microcavity VCSEL Structures <b>2008</b> , 29-41		2
52	Reciprocal transmissions and asymmetric modal distributions in waveguide-coupled spiral-shaped microdisk resonators: comment. <i>Optics Express</i> , <b>2008</b> , 16, 5874-5; discussion 5876-7	3.3	9
51	Influence of the spontaneous optical emission factor $\beta$ on the first-order coherence of a semiconductor microcavity laser. <i>Physical Review B</i> , <b>2008</b> , 78,	3.3	22
50	Goos-Hänchen shift and localization of optical modes in deformed microcavities. <i>Physical Review E</i> , <b>2008</b> , 78, 016201	2.4	62
49	Discrete breathers in ac-driven nanoelectromechanical shuttle arrays. <i>Applied Physics Letters</i> , <b>2008</b> , 93, 222110	3.4	16
48	Output characteristics of pulsed and continuous-wave-excited quantum-dot microcavity lasers. <i>Physical Review Letters</i> , <b>2008</b> , 101, 067401	7.4	14
47	Asymmetric scattering and nonorthogonal mode patterns in optical microspirals. <i>Physical Review A</i> , <b>2008</b> , 78,	2.6	110
46	Fractal Weyl law for chaotic microcavities: Fresnel's laws imply multifractal scattering. <i>Physical Review E</i> , <b>2008</b> , 77, 036205	2.4	49

45	Combining directional light output and ultralow loss in deformed microdisks. <i>Physical Review Letters</i> , <b>2008</b> , 100, 033901	7.4	245
44	Laser theory for semiconductor quantum dots in microcavities. <i>Superlattices and Microstructures</i> , <b>2008</b> , 43, 470-473	2.8	2
43	Emission Characteristics, Photon Statistics and Coherence Properties of high-Q Semiconductor Micropillar Lasers <b>2008</b> , 3-15	6	15
42	On the way to InGaN quantum dots embedded into monolithic nitride cavities. <i>Physica Status Solidi (B): Basic Research</i> , <b>2007</b> , 244, 1806-1809	1.3	3
41	Semiconductor model for quantum-dot-based microcavity lasers. <i>Physical Review A</i> , <b>2007</b> , 75,	2.6	125
40	Systematic study of carrier correlations in the electron-hole recombination dynamics of quantum dots. <i>Physical Review B</i> , <b>2007</b> , 76,	3.3	29
39	Leaking billiards. <i>Physical Review E</i> , <b>2007</b> , 75, 046204	2.4	21
38	Photon statistics of semiconductor microcavity lasers. <i>Physical Review Letters</i> , <b>2007</b> , 98, 043906	7.4	167
37	Ray-wave correspondence in an unstable quasistadium laser resonator. <i>Physical Review A</i> , <b>2006</b> , 73,	2.6	17
36	Confined optical modes in monolithic II-VI pillar microcavities. <i>Applied Physics Letters</i> , <b>2006</b> , 88, 051101	3.4	40
35	Current rectification by spontaneous symmetry breaking in coupled nanomechanical shuttles. <i>Physical Review Letters</i> , <b>2006</b> , 97, 216804	7.4	23
34	Radiative emission dynamics of quantum dots in a single cavity micropillar. <i>Physical Review B</i> , <b>2006</b> , 74,	3.3	33
33	Formation of long-lived, scarlike modes near avoided resonance crossings in optical microcavities. <i>Physical Review Letters</i> , <b>2006</b> , 97, 253901	7.4	169
32	Unidirectional light emission from high-Q modes in optical microcavities. <i>Physical Review A</i> , <b>2006</b> , 73,	2.6	143
31	Microscopic theory of quantum dot luminescence spectra. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , <b>2006</b> , 3, 2385-2388	3	15
30	Crack free monolithic nitride vertical-cavity surface-emitting laser structures and pillar microcavities. <i>Physica Status Solidi (A) Applications and Materials Science</i> , <b>2006</b> , 203, 1749-1753	1.6	2
29	Efficient coupling into confined optical modes of ZnSe-based pillar microcavities. <i>Physica Status Solidi (B): Basic Research</i> , <b>2006</b> , 243, 844-848	1.3	3
28	Luminescence of a semiconductor quantum dot system. <i>European Physical Journal B</i> , <b>2006</b> , 50, 411-418	1.2	47



27	Resonant modes in monolithic nitride pillar microcavities. <i>European Physical Journal B</i> , <b>2005</b> , 48, 291-294.	1.2	20
26	Correlated photon pairs from single (In,Ga)As/GaAs quantum dots in pillar microcavities. <i>Journal of Applied Physics</i> , <b>2005</b> , 97, 023101	2.5	26
25	Optomechanical probes of resonances in amplifying microresonators. <i>Physical Review A</i> , <b>2004</b> , 70,	2.6	7
24	Spectral properties of incommensurate double-walled carbon nanotubes. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , <b>2004</b> , 22, 666-669	3	2
23	Enhanced correlated photon pair emission from a pillar microcavity. <i>New Journal of Physics</i> , <b>2004</b> , 6, 91-919	1.9	20
22	Microscopic Lasers Based on the Molecular Sieve AlPO <sub>4-5</sub> <b>2003</b> , 584-617		
21	Boundary element method for resonances in dielectric microcavities. <i>Journal of Optics</i> , <b>2003</b> , 5, 53-60		211
20	Hexagonal dielectric resonators and microcrystal lasers. <i>Physical Review A</i> , <b>2003</b> , 67,	2.6	197
19	Evanescent wave approach to diffractive phenomena in convex billiards with corners. <i>Physical Review E</i> , <b>2003</b> , 67, 046221	2.4	4
18	Spectral correlation in incommensurate multiwalled carbon nanotubes. <i>Physical Review Letters</i> , <b>2003</b> , 90, 026601	7.4	60
17	Low-rank perturbations and the spectral statistics of pseudointegrable billiards. <i>Physical Review E</i> , <b>2003</b> , 68, 065205	2.4	5
16	Mode-locking in a periodic array of scatterers. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , <b>2002</b> , 12, 256-259	3	3
15	Pseudointegrable Andreev billiard. <i>Physical Review E</i> , <b>2002</b> , 65, 036221	2.4	8
14	Spectral properties of quantized barrier billiards. <i>Physical Review E</i> , <b>2002</b> , 65, 046217	2.4	22
13	MULTISTABILITY AND NONSMOOTH BIFURCATIONS IN THE QUASIPERIODICALLY FORCED CIRCLE MAP. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , <b>2001</b> , 11, 3085-3105	1.05	28
12	Devil's Staircase in the Magnetoresistance of a Periodic Array of Scatterers. <i>Physical Review Letters</i> , <b>2001</b> , 87,	7.4	28
11	Quantum-classical correspondence in polygonal billiards. <i>Physical Review E</i> , <b>2001</b> , 64, 026212	2.4	15
10	Resonance Zones in Action Space. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , <b>2001</b> , 56, 537-556	1.4	2

9	ELLIPSOIDAL BILLIARDS WITH ISOTROPIC HARMONIC POTENTIALS. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , <b>2000</b> , 10, 2075-2098	2	2
8	Singular continuous spectra in a pseudointegrable billiard. <i>Physical Review E</i> , <b>2000</b> , 62, R21-4	2.4	18
7	Fine structure of mode-locked regions of the quasi-periodically forced circle map. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>1999</b> , 257, 65-69	2.3	4
6	Triaxial Ellipsoidal Quantum Billiards. <i>Annals of Physics</i> , <b>1999</b> , 276, 64-110	2.5	13
5	Elliptic Quantum Billiard. <i>Annals of Physics</i> , <b>1997</b> , 260, 50-90	2.5	45
4	Spherical Pendulum, Actions, and Spin $\square$ <i>The Journal of Physical Chemistry</i> , <b>1996</b> , 100, 19124-19135		10
3	Energy Surfaces of Ellipsoidal Billiards. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , <b>1996</b> , 51, 219-241	1.4	5
2	Intrinsic Non-Exponential Decay of Time-Resolved Photoluminescence from Semiconductor Quantum Dots. <i>Advances in Solid State Physics</i> , 91-102		
1	Free-Standing ZnSe-Based Microdisk Resonators: Influence of Edge Roughness on the Optical Quality and Reducing Degradation with Supported Geometry. <i>Physica Status Solidi (B): Basic Research</i> , 2100249	1.3	