

# Carel Martijn de Sterke

## List of Publications by Citations

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294  
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382  
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11,386  
ext. citations

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L-index

#	Paper	IF	Citations
294	Bragg grating solitons. <i>Physical Review Letters</i> , <b>1996</b> , 76, 1627-1630	7.4	497
293	Multipole method for microstructured optical fibers I Formulation. <i>Journal of the Optical Society of America B: Optical Physics</i> , <b>2002</b> , 19, 2322	1.7	383
292	Microstructured polymer optical fibre. <i>Optics Express</i> , <b>2001</b> , 9, 319-27	3.3	236
291	Multipole method for microstructured optical fibers II Implementation and results. <i>Journal of the Optical Society of America B: Optical Physics</i> , <b>2002</b> , 19, 2331	1.7	232
290	Confinement losses in microstructured optical fibers. <i>Optics Letters</i> , <b>2001</b> , 26, 1660-2	3	218
289	Symmetry and degeneracy in microstructured optical fibers. <i>Optics Letters</i> , <b>2001</b> , 26, 488-90	3	203
288	A 90-nm-thick graphene metamaterial for strong and extremely broadband absorption of unpolarized light. <i>Nature Photonics</i> , <b>2019</b> , 13, 270-276	33.9	202
287	Envelope-function approach for the electrodynamics of nonlinear periodic structures. <i>Physical Review A</i> , <b>1988</b> , 38, 5149-5165	2.6	199
286	Dispersionless slow light using gap solitons. <i>Nature Physics</i> , <b>2006</b> , 2, 775-780	16.2	191
285	Resonances in microstructured optical waveguides. <i>Optics Express</i> , <b>2003</b> , 11, 1243-51	3.3	183
284	Propagation through nonuniform grating structures. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , <b>1994</b> , 11, 1307	1.8	163
283	Modal cutoff in microstructured optical fibers. <i>Optics Letters</i> , <b>2002</b> , 27, 1684-6	3	158
282	Nonlinear pulse propagation in Bragg gratings. <i>Journal of the Optical Society of America B: Optical Physics</i> , <b>1997</b> , 14, 2980	1.7	151
281	Bloch Oscillations in an Array of Curved Optical Waveguides. <i>Physical Review Letters</i> , <b>1999</b> , 83, 963-966	7.4	148
280	Bragg solitons in the nonlinear Schrödinger limit: experiment and theory. <i>Journal of the Optical Society of America B: Optical Physics</i> , <b>1999</b> , 16, 587	1.7	122
279	Nonlinear coupled-mode equations on a finite interval: a numerical procedure. <i>Journal of the Optical Society of America B: Optical Physics</i> , <b>1991</b> , 8, 403	1.7	113
278	Modal analysis of enhanced absorption in silicon nanowire arrays. <i>Optics Express</i> , <b>2011</b> , 19 Suppl 5, A1067-81	3.3	108

277	Photonic band structure calculations using scattering matrices. <i>Physical Review E</i> , <b>2001</b> , 64, 046603	2.4	108
276	Resonance and scattering in microstructured optical fibers. <i>Optics Letters</i> , <b>2002</b> , 27, 1977-9	3	106
275	Switching dynamics of finite periodic nonlinear media: A numerical study. <i>Physical Review A</i> , <b>1990</b> , 42, 2858-2869	2.6	102
274	Two-dimensional Green's function and local density of states in photonic crystals consisting of a finite number of cylinders of infinite length. <i>Physical Review E</i> , <b>2001</b> , 63, 046612	2.4	95
273	Exact dynamic localization in curved AlGaAs optical waveguide arrays. <i>Optics Express</i> , <b>2007</b> , 15, 3212-23	3.3	93
272	Coupled-mode theory for light propagation through deep nonlinear gratings. <i>Physical Review E</i> , <b>1996</b> , 54, 1969-1989	2.4	89
271	Ring structures in microstructured polymer optical fibres. <i>Optics Express</i> , <b>2001</b> , 9, 813-20	3.3	88
270	Parametric amplification in presence of dispersion fluctuations. <i>Optics Express</i> , <b>2004</b> , 12, 136-42	3.3	87
269	Application of an ARROW model for designing tunable photonic devices. <i>Optics Express</i> , <b>2004</b> , 12, 1540-50	3.3	83
268	Collisions and turbulence in optical rogue wave formation. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>2010</b> , 374, 989-996	2.3	82
267	Formulation for electromagnetic scattering and propagation through grating stacks of metallic and dielectric cylinders for photonic crystal calculations. Part I. Method. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , <b>2000</b> , 17, 2165-76	1.8	80
266	Pure-quartic solitons. <i>Nature Communications</i> , <b>2016</b> , 7, 10427	17.4	79
265	Diamond based photonic crystal microcavities. <i>Optics Express</i> , <b>2006</b> , 14, 3556-62	3.3	77
264	Microstructured optical fibers: where's the edge?. <i>Optics Express</i> , <b>2002</b> , 10, 1285-90	3.3	75
263	Conditions for dynamic localization in generalized ac electric fields. <i>Physical Review Letters</i> , <b>2002</b> , 88, 046806	7.4	73
262	Dispersion engineering of highly nonlinear As <sub>2</sub> S <sub>3</sub> waveguides for parametric gain and wavelength conversion. <i>Optics Express</i> , <b>2007</b> , 15, 9458-63	3.3	71
261	Dispersive wave blue-shift in supercontinuum generation. <i>Optics Express</i> , <b>2006</b> , 14, 11997-2007	3.3	69
260	Extensions and generalizations of an envelope-function approach for the electrodynamics of nonlinear periodic structures. <i>Physical Review A</i> , <b>1989</b> , 39, 5163-5178	2.6	69

259	Coupled modes and the nonlinear Schrödinger equation. <i>Physical Review A</i> , <b>1990</b> , 42, 550-555	2.6	67
258	High-intensity pulse propagation in uniform gratings and grating superstructures. <i>Journal of Lightwave Technology</i> , <b>1997</b> , 15, 1494-1502	4	60
257	Theory of modulational instability in fiber Bragg gratings. <i>Journal of the Optical Society of America B: Optical Physics</i> , <b>1998</b> , 15, 2660	1.7	60
256	Observation of an optical Wannier-Stark ladder. <i>Physical Review E</i> , <b>1998</b> , 57, 2365-2370	2.4	59
255	Bloch mode scattering matrix methods for modeling extended photonic crystal structures. I. Theory. <i>Physical Review E</i> , <b>2004</b> , 70, 056606	2.4	56
254	Observation of Self-Trapping of Light in a Self-Written Channel in a Photosensitive Glass. <i>Physical Review Letters</i> , <b>1998</b> , 80, 4072-4075	7.4	56
253	Three-dimensional Green's tensor, local density of states, and spontaneous emission in finite two-dimensional photonic crystals composed of cylinders. <i>Physical Review E</i> , <b>2004</b> , 70, 066608	2.4	54
252	Self-similar evolution of self-written waveguides. <i>Optics Letters</i> , <b>1998</b> , 23, 268-70	3	54
251	Effects of disorder on wave propagation in two-dimensional photonic crystals. <i>Physical Review E</i> , <b>1999</b> , 60, 6118-27	2.4	54
250	Calculations of air-guided modes in photonic crystal fibers using the multipole method. <i>Optics Express</i> , <b>2001</b> , 9, 721-32	3.3	53
249	Temperature and wavelength tuning of second-, third-, and fourth-harmonic generation in a two-dimensional hexagonally poled nonlinear crystal. <i>Journal of the Optical Society of America B: Optical Physics</i> , <b>2002</b> , 19, 2263	1.7	52
248	Modulational instability and tunable multiple soliton generation in apodized fiber gratings. <i>Optics Communications</i> , <b>1998</b> , 149, 267-271	2	51
247	Optical push broom. <i>Optics Letters</i> , <b>1992</b> , 17, 914-6	3	51
246	Optimization of the soliton self-frequency shift in a tapered photonic crystal fiber. <i>Journal of the Optical Society of America B: Optical Physics</i> , <b>2009</b> , 26, 2064	1.7	49
245	Design of high-Q cavities in photonic crystal slab heterostructures by air-holes infiltration. <i>Optics Express</i> , <b>2006</b> , 14, 12451-6	3.3	49
244	Effects of geometric and refractive index disorder on wave propagation in two-dimensional photonic crystals. <i>Physical Review E</i> , <b>2000</b> , 62, 5711-20	2.4	49
243	Flexible design of ultrahigh-Q microcavities in diamond-based photonic crystal slabs. <i>Optics Express</i> , <b>2009</b> , 17, 6465-75	3.3	48
242	Theory of grating superstructures. <i>Physical Review E</i> , <b>1997</b> , 55, 3634-3646	2.4	48

241	Differential multipole method for microstructured optical fibers. <i>Journal of the Optical Society of America B: Optical Physics</i> , <b>2004</b> , 21, 1919	1.7	48
240	Dynamical localization and AC Bloch oscillations in periodic optical waveguide arrays. <i>Optics Communications</i> , <b>2003</b> , 218, 87-92	2	45
239	Analysis of self-written waveguides in photopolymers and photosensitive materials. <i>Physical Review E</i> , <b>1998</b> , 57, 1104-1113	2.4	44
238	Calculation of electromagnetic properties of regular and random arrays of metallic and dielectric cylinders. <i>Physical Review E</i> , <b>1999</b> , 60, 7614-7	2.4	44
237	Self-localized light: launching of low-velocity solitons in corrugated nonlinear waveguides. <i>Optics Letters</i> , <b>1989</b> , 14, 871-3	3	42
236	High-Q cavities in photosensitive photonic crystals. <i>Optics Letters</i> , <b>2007</b> , 32, 542-4	3	39
235	Corrections to coupled mode theory for deep gratings. <i>Physical Review E</i> , <b>2000</b> , 61, 4491-9	2.4	39
234	Theory of group delay ripple generated by chirped fiber gratings. <i>Optics Express</i> , <b>2002</b> , 10, 332-40	3.3	38
233	Spatiotemporal instabilities in nonlinear bulk media with Bragg gratings. <i>Journal of the Optical Society of America B: Optical Physics</i> , <b>2001</b> , 18, 45	1.7	38
232	Theoretical analysis of the self-frequency shift near zero-dispersion points: Soliton spectral tunneling. <i>Physical Review A</i> , <b>2007</b> , 76,	2.6	37
231	Modal formulation for diffraction by absorbing photonic crystal slabs. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , <b>2012</b> , 29, 817-31	1.8	36
230	Investigation of waveguide growth in photosensitive germanosilicate glass. <i>Journal of the Optical Society of America B: Optical Physics</i> , <b>1996</b> , 13, 2824	1.7	36
229	Long wavelength anti-resonant guidance in high index inclusion microstructured fibers. <i>Optics Express</i> , <b>2004</b> , 12, 5424-33	3.3	35
228	Catching light in its own trap. <i>Journal of Modern Optics</i> , <b>2001</b> , 48, 191-238	1.1	35
227	Highly-efficient, octave spanning soliton self-frequency shift using a specialized photonic crystal fiber with low OH loss. <i>Optics Express</i> , <b>2011</b> , 19, 17766-73	3.3	34
226	Nanowire array photovoltaics: Radial disorder versus design for optimal efficiency. <i>Applied Physics Letters</i> , <b>2012</b> , 101, 173902	3.4	34
225	Formulation for electromagnetic scattering and propagation through grating stacks of metallic and dielectric cylinders for photonic crystal calculations. Part II. Properties and implementation. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , <b>2000</b> , 17, 2177-90	1.8	34
224	Dynamics of ultrashort pulses near zero dispersion wavelength. <i>Journal of the Optical Society of America B: Optical Physics</i> , <b>2006</b> , 23, 2425	1.7	33

223	Nonlinear Optics in Fiber Gratings. <i>Optical Fiber Technology</i> , <b>1996</b> , 2, 253-268	2.4	33
222	Antireflection coatings for two-dimensional photonic crystals using a rigorous impedance definition. <i>Applied Physics Letters</i> , <b>2008</b> , 93, 121114	3.4	32
221	Two-dimensional local density of states in two-dimensional photonic crystals. <i>Optics Express</i> , <b>2001</b> , 8, 191-6	3.3	32
220	Nonlinear propagation in superstructure Bragg gratings. <i>Optics Letters</i> , <b>1996</b> , 21, 1223-5	3	32
219	Quasi-BLOCH oscillations in curved coupled optical waveguides. <i>Physical Review Letters</i> , <b>2009</b> , 103, 143903	3.4	31
218	Efficient coupling into slow light photonic crystal waveguide without transition region: role of evanescent modes. <i>Optics Express</i> , <b>2009</b> , 17, 17338-43	3.3	31
217	Efficient slow-light coupling in a photonic crystal waveguide without transition region. <i>Optics Letters</i> , <b>2008</b> , 33, 2644-6	3	31
216	Modeling of defect modes in photonic crystals using the fictitious source superposition method. <i>Physical Review E</i> , <b>2005</b> , 71, 056606	2.4	31
215	The pure-quartic soliton laser. <i>Nature Photonics</i> , <b>2020</b> , 14, 492-497	33.9	31
214	Ordered and Disordered Photonic Band Gap Materials. <i>Australian Journal of Physics</i> , <b>1999</b> , 52, 791		30
213	Theory of dispersive wave frequency shift via trapping by a soliton in an axially nonuniform optical fiber. <i>Journal of the Optical Society of America B: Optical Physics</i> , <b>2010</b> , 27, 2195	1.7	29
212	Superstructure gratings in the tight-binding approximation. <i>Physical Review E</i> , <b>1998</b> , 57, 3502-3509	2.4	29
211	Total absorption of visible light in ultrathin weakly absorbing semiconductor gratings. <i>Optica</i> , <b>2016</b> , 3, 556	8.6	29
210	Doubly Enhanced Second Harmonic Generation through Structural and Epsilon-near-Zero Resonances in TiN Nanostructures. <i>ACS Photonics</i> , <b>2018</b> , 5, 2087-2093	6.3	29
209	New avenues for phase matching in nonlinear hyperbolic metamaterials. <i>Scientific Reports</i> , <b>2015</b> , 5, 89834.9	34.9	28
208	Slow and frozen light in optical waveguides with multiple gratings: Degenerate band edges and stationary inflection points. <i>Physical Review A</i> , <b>2012</b> , 85,	2.6	28
207	Modes of coupled photonic crystal waveguides. <i>Optics Letters</i> , <b>2004</b> , 29, 1384-6	3	28
206	Electromagnetic localization in dispersive stratified media with random loss and gain. <i>Physical Review B</i> , <b>1998</b> , 57, 13535-13549	3.3	28

205	Optimizing Photovoltaic Charge Generation of Nanowire Arrays: A Simple Semi-Analytic Approach. <i>ACS Photonics</i> , <b>2014</b> , 1, 683-689	6.3	27
204	Delay-tunable gap-soliton-based slow-light system. <i>Optics Express</i> , <b>2006</b> , 14, 11987-96	3.3	27
203	Self-writing a waveguide in glass using photosensitivity. <i>Optics Communications</i> , <b>1995</b> , 119, 523-526	2	27
202	Simulations of gap-soliton generation. <i>Physical Review A</i> , <b>1992</b> , 45, 2012-2018	2.6	27
201	Degenerate band edge resonances in coupled periodic silicon optical waveguides. <i>Optics Express</i> , <b>2013</b> , 21, 8736-45	3.3	26
200	Photonic-crystal surface modes found from impedances. <i>Physical Review A</i> , <b>2010</b> , 82,	2.6	26
199	Sampled Bragg gratings in chalcogenide (As <sub>2</sub> S <sub>3</sub> ) rib-waveguides. <i>Optics Express</i> , <b>2006</b> , 14, 9451-9	3.3	26
198	Bragg solitons and the nonlinear Schrödinger equation. <i>Physical Review E</i> , <b>1999</b> , 59, 1267-1269	2.4	26
197	Differential losses in Bragg fibers. <i>Journal of Applied Physics</i> , <b>1994</b> , 76, 680-688	2.5	26
196	Stability analysis of nonlinear periodic media. <i>Physical Review A</i> , <b>1992</b> , 45, 8252-8258	2.6	26
195	Launching of gap solitons in nonuniform gratings. <i>Optics Letters</i> , <b>1993</b> , 18, 269	3	26
194	Single scatterer Fano resonances in solid core photonic band gap fibers. <i>Optics Express</i> , <b>2006</b> , 14, 8797-813	3.3	25
193	Analysis of self-written waveguide experiments. <i>Journal of the Optical Society of America B: Optical Physics</i> , <b>1999</b> , 16, 1680	1.7	25
192	Gap soliton propagation in optical fiber gratings. <i>Optics Letters</i> , <b>1995</b> , 20, 1674	3	25
191	Second-harmonic generation in second-harmonic fiber Bragg gratings. <i>Applied Optics</i> , <b>1996</b> , 35, 3211-22	1.7	25
190	Bragg remnants in stratified random media. <i>Physical Review B</i> , <b>1993</b> , 47, 7780-7787	3.3	25
189	Multi-order dispersion engineering for optimal four-wave mixing. <i>Optics Express</i> , <b>2008</b> , 16, 7551-63	3.3	24
188	Slow light with flat or offset band edges in few-mode fiber with two gratings. <i>Optics Express</i> , <b>2007</b> , 15, 17954-9	3.3	24

187	Decay rate and level shift in a circular dielectric waveguide. <i>Physical Review A</i> , <b>2005</b> , 71,	2.6	24
186	Figure of merit for Kerr nonlinear plasmonic waveguides. <i>Laser and Photonics Reviews</i> , <b>2016</b> , 10, 639-646	3	24
185	Fano resonances of dielectric gratings: symmetries and broadband filtering. <i>Optics Express</i> , <b>2015</b> , 23, A1672-86	3.3	23
184	Soliton self-frequency shift performance in As(2)S(3) waveguides. <i>Optics Express</i> , <b>2010</b> , 18, 14960-8	3.3	23
183	Impedance of square and triangular lattice photonic crystals. <i>Physical Review A</i> , <b>2009</b> , 80,	2.6	23
182	Understanding the contribution of mode area and slow light to the effective Kerr nonlinearity of waveguides. <i>Optics Express</i> , <b>2013</b> , 21, 18558-71	3.3	22
181	Experimental observation of evanescent modes at the interface to slow-light photonic crystal waveguides. <i>Optics Letters</i> , <b>2011</b> , 36, 1170-2	3	22
180	Ultracompact resonant filters in photonic crystals. <i>Optics Letters</i> , <b>2003</b> , 28, 2452-4	3	22
179	Theory of modulational instability in Bragg gratings with quadratic nonlinearity. <i>Physical Review E</i> , <b>1999</b> , 59, 6064-78	2.4	22
178	Polarization instability in a waveguide geometry. <i>Optics Letters</i> , <b>1991</b> , 16, 202-4	3	22
177	Efficient slow light coupling into photonic crystals. <i>Optics Express</i> , <b>2007</b> , 15, 10984-90	3.3	21
176	Semianalytic treatment for propagation in finite photonic crystal waveguides. <i>Optics Letters</i> , <b>2003</b> , 28, 854-6	3	21
175	Continuously tunable bandpass filtering using high-index inclusion microstructured optical fibre. <i>Electronics Letters</i> , <b>2005</b> , 41, 463	1.1	21
174	Coupled-mode equations for quadratically nonlinear deep gratings. <i>Physical Review E</i> , <b>1998</b> , 58, 7951-7958	2.4	21
173	Gap solitary waves with gain and loss. <i>Physical Review A</i> , <b>1991</b> , 43, 2467-2473	2.6	21
172	Modular nonlinear hybrid plasmonic circuit. <i>Nature Communications</i> , <b>2020</b> , 11, 2413	17.4	20
171	Aperiodic 1-dimensional structures for quasi-phase matching. <i>Optics Express</i> , <b>2004</b> , 12, 841-6	3.3	20
170	Analytic properties of photonic crystal superprism parameters. <i>Physical Review E</i> , <b>2005</b> , 71, 056608	2.4	20



169	Coherent perfect absorption and reflection in slow-light waveguides. <i>Optics Letters</i> , <b>2013</b> , 38, 4970-3	3	19
168	Wavelength conversion bandwidth in fiber based optical parametric amplifiers. <i>Optics Express</i> , <b>2003</b> , 11, 1002-7	3.3	19
167	Schrödinger equation description for cross-phase modulation in grating structures. <i>Physical Review A</i> , <b>1994</b> , 49, 5048-5055	2.6	19
166	Possibilities for the observation of gap solitons in waveguide geometries. <i>Journal of the Optical Society of America B: Optical Physics</i> , <b>1989</b> , 6, 1722	1.7	19
165	Stationary and dynamical properties of pure-quartic solitons. <i>Optics Letters</i> , <b>2019</b> , 44, 3306-3309	3	19
164	Mode-based analysis of silicon nanohole arrays for photovoltaic applications. <i>Optics Express</i> , <b>2014</b> , 22 Suppl 5, A1343-54	3.3	18
163	Frozen and broadband slow light in coupled periodic nanowire waveguides. <i>Optics Express</i> , <b>2012</b> , 20, 3519-28	3.3	18
162	Antisymmetric grating coupler: experimental results. <i>Applied Optics</i> , <b>2003</b> , 42, 6578-83	1.7	18
161	Solid-core fiber with ultra-wide bandwidth transmission window due to inhibited coupling. <i>Optics Express</i> , <b>2010</b> , 18, 25556-66	3.3	17
160	Bloch-mode extraction from near-field data in periodic waveguides. <i>Optics Letters</i> , <b>2009</b> , 34, 3776-8	3	17
159	Optimal poling of nonlinear photonic crystals for frequency conversion. <i>Optics Letters</i> , <b>2003</b> , 28, 188-90	3	17
158	Vector treatment of second-harmonic generation produced by tightly focused vignetted Gaussian beams. <i>Journal of the Optical Society of America B: Optical Physics</i> , <b>2004</b> , 21, 2206	1.7	17
157	Generalized dispersion Kerr solitons. <i>Physical Review A</i> , <b>2020</b> , 101,	2.6	17
156	Electrostriction enhancement in metamaterials. <i>Physical Review B</i> , <b>2015</b> , 91,	3.3	16
155	Highly efficient wide-angle transmission into uniform rod-type photonic crystals. <i>Applied Physics Letters</i> , <b>2005</b> , 87, 111107	3.4	16
154	Dynamic localization in continuous ac electric fields. <i>Physical Review B</i> , <b>2002</b> , 66,	3.3	16
153	Coupled-mode equations for periodic superstructure Bragg gratings. <i>Optics Letters</i> , <b>1995</b> , 20, 2039-41	3	16
152	Ideal mode expansion for planar optical waveguides: application to the TM-TM coupling coefficient for grating structures. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , <b>1990</b> , 7, 636	1.8	16

151	Electromagnetic Stark ladders in waveguide geometries. <i>Optics Letters</i> , <b>1991</b> , 16, 1141-3	3	16
150	Analysis and design of fibers for pure-quartic solitons. <i>Optics Express</i> , <b>2018</b> , 26, 7786-7796	3.3	15
149	Modeling photonic crystal interfaces and stacks: impedance-based approaches. <i>Advances in Optics and Photonics</i> , <b>2013</b> , 5, 385	16.7	15
148	Bistable switching and reshaping of optical pulses in a Bragg grating cavity. <i>Journal of the Optical Society of America B: Optical Physics</i> , <b>2010</b> , 27, 2648	1.7	15
147	Single and coupled degenerate defect modes in two-dimensional photonic crystal band gaps. <i>Physical Review A</i> , <b>2009</b> , 79,	2.6	15
146	Soliton solutions in Rowland ghost gaps. <i>Physical Review E</i> , <b>1995</b> , 52, R5788-R5791	2.4	15
145	Fundamental Limitations to the Ultimate Kerr Nonlinear Performance of Plasmonic Waveguides. <i>ACS Photonics</i> , <b>2018</b> , 5, 1034-1040	6.3	14
144	Generalized exact dynamic localization in curved coupled optical waveguide arrays. <i>Physical Review Letters</i> , <b>2012</b> , 109, 103901	7.4	14
143	Comparison of the sensitivity of air and dielectric modes in photonic crystal slab sensors. <i>Optics Express</i> , <b>2009</b> , 17, 14552-7	3.3	14
142	Shallow defect states in two-dimensional photonic crystals. <i>Physical Review A</i> , <b>2008</b> , 77,	2.6	14
141	Dynamic localization and quasi-Bloch oscillations in general periodic ac-dc electric fields. <i>Physical Review B</i> , <b>2004</b> , 70,	3.3	14
140	Optical filters based on dynamic localization in curved coupled optical waveguides. <i>Optics Communications</i> , <b>2005</b> , 247, 353-365	2	14
139	Characterization of photoinduced birefringence change in optical fiber rocking filters. <i>Applied Physics Letters</i> , <b>1996</b> , 68, 900-902	3.4	14
138	Sensitive method for measuring third order nonlinearities in compact dielectric and hybrid plasmonic waveguides. <i>Optics Express</i> , <b>2016</b> , 24, 545-54	3.3	14
137	Absorption enhancing proximity effects in aperiodic nanowire arrays. <i>Optics Express</i> , <b>2013</b> , 21 Suppl 6, A964-9	3.3	13
136	Spontaneous emission suppression via quantum path interference in coupled microcavities. <i>Physical Review Letters</i> , <b>2006</b> , 96, 103902	7.4	13
135	Continuous-wave parametric amplification in Bragg gratings. <i>Journal of the Optical Society of America B: Optical Physics</i> , <b>1995</b> , 12, 2445	1.7	13
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