

# Stefano Longhi

## 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.

|                    |                          |                |                 |
|--------------------|--------------------------|----------------|-----------------|
| 432<br>papers      | 13,467<br>citations      | 58<br>h-index  | 96<br>g-index   |
| 478<br>ext. papers | 16,345<br>ext. citations | 3.6<br>avg, IF | 7.81<br>L-index |

| #   | Paper  | IF   | Citations |
|-----|--|------|-----------|
| 432 | Topological triple phase transition in non-Hermitian Floquet quasicrystals.. <i>Nature</i> , <b>2022</b> , 601, 354-359                                | 50.4 | 6         |
| 431 | Non-Hermitian laser arrays with tunable phase locking.. <i>Optics Letters</i> , <b>2022</b> , 47, 2040-2043  | 3    | 0         |
| 430 | Self-Healing of Non-Hermitian Topological Skin Modes.. <i>Physical Review Letters</i> , <b>2022</b> , 128, 157601                                      | 7.4  | 0         |
| 429 | Non-Hermitian topological mobility edges and transport in photonic quantum walks. <i>Optics Letters</i> , <b>2022</b> , 47, 2951                       | 3    | 1         |
| 428 | Bulk-edge correspondence and trapping at a non-Hermitian topological interface.. <i>Optics Letters</i> , <b>2021</b> , 46, 6107-6110                   | 3    | 2         |
| 427 | Spectral deformations in non-Hermitian lattices with disorder and skin effect: A solvable model. <i>Physical Review B</i> , <b>2021</b> , 103,         | 3.3  | 5         |
| 426 | Rabi oscillations of bound states in the continuum. <i>Optics Letters</i> , <b>2021</b> , 46, 2091-2094  | 3    | 3         |
| 425 | Inverse Anderson transition in photonic cages. <i>Optics Letters</i> , <b>2021</b> , 46, 2872-2875   | 3    | 1         |
| 424 | Intermittent decoherence blockade in a chiral ring environment. <i>Scientific Reports</i> , <b>2021</b> , 11, 12834                                    | 4.9  | 0         |
| 423 | Coexistence of dynamical delocalization and spectral localization through stochastic dissipation. <i>Nature Photonics</i> , <b>2021</b> , 15, 576-581  | 33.9 | 4         |
| 422 | Non-Hermitian Maryland model. <i>Physical Review B</i> , <b>2021</b> , 103,  | 3.3  | 4         |
| 421 | Phase transitions in a non-Hermitian Aubry-Andr Harper model. <i>Physical Review B</i> , <b>2021</b> , 103,  | 3.3  | 12        |
| 420 | Dispersive bands of bound states in the continuum. <i>Nanophotonics</i> , <b>2021</b> ,  | 6.3  | 1         |
| 419 | Experimentally Detecting Quantized Zak Phases without Chiral Symmetry in Photonic Lattices. <i>Physical Review Letters</i> , <b>2021</b> , 127, 147401 | 7.4  | 4         |
| 418 | Non-Hermitian topological phase transitions in superlattices and the optical Dirac equation. <i>Optics Letters</i> , <b>2021</b> , 46, 4470-4473       | 3    | 5         |
| 417 | Non-Hermitian skin effect beyond the tight-binding models. <i>Physical Review B</i> , <b>2021</b> , 104,   | 3.3  | 3         |
| 416 | Maryland model in optical waveguide lattices. <i>Optics Letters</i> , <b>2021</b> , 46, 637-640  | 3    | 2         |

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| 415 | Unraveling the non-Hermitian skin effect in dissipative systems. <i>Physical Review B</i> , <b>2020</b> , 102,  | 3.3  | 12  |
| 414 | Tunable topological charge vortex microlaser. <i>Science</i> , <b>2020</b> , 368, 760-763   | 33.3 | 84  |
| 413 | Topological Protection and Control of Quantum Markovianity. <i>Photonics</i> , <b>2020</b> , 7, 18  | 2.2  | 4   |
| 412 | Non-Bloch-Band Collapse and Chiral Zener Tunneling. <i>Physical Review Letters</i> , <b>2020</b> , 124, 066602  | 7.4  | 42  |
| 411 | Discrete diffraction and Bloch oscillations in non-Hermitian frequency lattices induced by complex photonic gauge fields. <i>Physical Review B</i> , <b>2020</b> , 101,           | 3.3  | 10  |
| 410 | Fast and robust quantum state transfer in a topological Su-Schrieffer-Heeger chain with next-to-nearest-neighbor interactions. <i>Physical Review Research</i> , <b>2020</b> , 2, | 3.9  | 11  |
| 409 | Non-Hermitian multimode interference. <i>Optics Letters</i> , <b>2020</b> , 45, 1962-1965   | 3    | 2   |
| 408 | Quantum statistical signature of $\mathcal{P}\mathcal{T}$ symmetry breaking. <i>Optics Letters</i> , <b>2020</b> , 45, 1591-1594  | 3.9  | 4   |
| 407 | Photonic simulation of giant atom decay. <i>Optics Letters</i> , <b>2020</b> , 45, 3017-3020  | 3    | 12  |
| 406 | Superradiance paradox in waveguide lattices. <i>Optics Letters</i> , <b>2020</b> , 45, 3297-3300  | 3    | 6   |
| 405 | Topological Anderson phase in quasi-periodic waveguide lattices. <i>Optics Letters</i> , <b>2020</b> , 45, 4036-4039  | 3    | 6   |
| 404 | Stochastic non-Hermitian skin effect. <i>Optics Letters</i> , <b>2020</b> , 45, 5250-5253   | 3    | 7   |
| 403 | Chiral excitation and effective bandwidth enhancement in tilted waveguide lattices. <i>Optics Letters</i> , <b>2020</b> , 45, 6667-6670   | 3    |     |
| 402 | Generalized Aubry-Andr elf-duality and mobility edges in non-Hermitian quasiperiodic lattices. <i>Physical Review B</i> , <b>2020</b> , 102,                                      | 3.3  | 26  |
| 401 | Ultrafast control of fractional orbital angular momentum of microlaser emissions. <i>Light: Science and Applications</i> , <b>2020</b> , 9, 179                                   | 16.7 | 15  |
| 400 | Ultrafast and anharmonic Rabi oscillations between non-Bloch bands. <i>Communications Physics</i> , <b>2020</b> , 3,  | 5.4  | 19  |
| 399 | Quantum decay in a topological continuum. <i>Physical Review A</i> , <b>2019</b> , 100,   | 2.6  | 8   |
| 398 | Non-Hermitian topological light steering. <i>Science</i> , <b>2019</b> , 365, 1163-1166   | 33.3 | 132 |

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| 397 | Metal-insulator phase transition in a non-Hermitian Aubry-Andr Harper model. <i>Physical Review B</i> , <b>2019</b> , 100,   | 3.3  | 33  |
| 396 | Landau-Zener Topological Quantum State Transfer. <i>Advanced Quantum Technologies</i> , <b>2019</b> , 2, 1800090   | 4.3  | 12  |
| 395 | Loschmidt Echo and Fidelity Decay Near an Exceptional Point. <i>Annalen Der Physik</i> , <b>2019</b> , 531, 1900054  | 2.6  | 15  |
| 394 | Topological Phase Transition in non-Hermitian Quasicrystals. <i>Physical Review Letters</i> , <b>2019</b> , 122, 237601  | 7.4  | 112 |
| 393 | Topological pumping of edge states via adiabatic passage. <i>Physical Review B</i> , <b>2019</b> , 99,   | 3.3  | 18  |
| 392 | Anyonic $\mathcal{PT}$ symmetry, drifting potentials and non-Hermitian delocalization. <i>Europhysics Letters</i> , <b>2019</b> , 125, 10006   | 1.6  | 2   |
| 391 | Ultrafast optical response of plasmonic structures beyond the perturbative regime: evidence of universal saturation dynamics. <i>EPJ Web of Conferences</i> , <b>2019</b> , 205, 04022 | 0.3  |     |
| 390 | Roadmap on STIRAP applications. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , <b>2019</b> , 52, 202001  | 1.3  | 54  |
| 389 | Exceptional points in 1D arrays of quantum harmonic oscillators. <i>Europhysics Letters</i> , <b>2019</b> , 127, 20001   | 1.6  | 3   |
| 388 | Quantum Probing Topological Phase Transitions by Non-Markovianity. <i>Annalen Der Physik</i> , <b>2019</b> , 531, 1900307  | 2.6  | 5   |
| 387 | Probing non-Hermitian skin effect and non-Bloch phase transitions. <i>Physical Review Research</i> , <b>2019</b> , 1,  | 3.9  | 94  |
| 386 | Photonic flat-band laser. <i>Optics Letters</i> , <b>2019</b> , 44, 287-290  | 3    | 11  |
| 385 | Non-Hermitian topological phase transition in PT-symmetric mode-locked lasers. <i>Optics Letters</i> , <b>2019</b> , 44, 1190-1193   | 3    | 17  |
| 384 | Probing topological phases in waveguide superlattices. <i>Optics Letters</i> , <b>2019</b> , 44, 2530-2533   | 3    | 5   |
| 383 | Non-Bloch $\mathcal{PT}$ symmetry breaking in non-Hermitian photonic quantum walks. <i>Optics Letters</i> , <b>2019</b> , 44, 5804-5807  | 3    | 23  |
| 382 | Plasmon hybridization engineering in self-organized anisotropic metasurfaces. <i>Nano Research</i> , <b>2018</b> , 11, 3943-3956   | 10   | 19  |
| 381 | Photonic zero mode in a non-Hermitian photonic lattice. <i>Nature Communications</i> , <b>2018</b> , 9, 1308   | 17.4 | 112 |
| 380 | Scattering of accelerated wave packets. <i>Physical Review A</i> , <b>2018</b> , 97,   | 2.6  | 5   |

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| 379 | Coherent virtual absorption for discretized light. <i>Optics Letters</i> , <b>2018</b> , 43, 2122-2125   | 3    | 10 |
| 378 | Equivalence principle and quantum mechanics: quantum simulation with entangled photons. <i>Optics Letters</i> , <b>2018</b> , 43, 226-229                                      | 3    | 2  |
| 377 | Elimination of Spatial Hole Burning in Microlasers for Stability and Efficiency Enhancement. <i>ACS Photonics</i> , <b>2018</b> , 5, 3016-3022                                 | 6.3  | 13 |
| 376 | Exceptional points and photonic catastrophe. <i>Optics Letters</i> , <b>2018</b> , 43, 2929-2932   | 3    | 17 |
| 375 | Anomalous dynamics in multilevel quantum decay. <i>Physical Review A</i> , <b>2018</b> , 98,   | 2.6  | 5  |
| 374 | PT symmetry and antisymmetry by anti-Hermitian wave coupling and nonlinear optical interactions. <i>Optics Letters</i> , <b>2018</b> , 43, 4025-4028                           | 3    | 11 |
| 373 | Invited Article: Mitigation of dynamical instabilities in laser arrays via non-Hermitian coupling. <i>APL Photonics</i> , <b>2018</b> , 3, 060802                              | 5.2  | 27 |
| 372 | Non-Hermitian Gauged Topological Laser Arrays. <i>Annalen Der Physik</i> , <b>2018</b> , 530, 1800023  | 2.6  | 49 |
| 371 | Ultrafast Anisotropic Exciton Dynamics in Nanopatterned MoS2 Sheets. <i>ACS Photonics</i> , <b>2018</b> , 5, 3363-3371   | 3    | 14 |
| 370 | Presence of temporal dynamical instabilities in topological insulator lasers. <i>Europhysics Letters</i> , <b>2018</b> , 122, 14004  | 1.6  | 27 |
| 369 | Quantum interference and exceptional points. <i>Optics Letters</i> , <b>2018</b> , 43, 5371-5374   | 3    | 7  |
| 368 | Fano Resonances and Bound States in the Continuum in Evanescently-Coupled Optical Waveguides and Resonators. <i>Springer Series in Optical Sciences</i> , <b>2018</b> , 85-108 | 0.5  | 1  |
| 367 | Universal saturation behavior in the transient optical response of plasmonic structures. <i>Physical Review B</i> , <b>2018</b> , 98,  | 3.3  | 8  |
| 366 | Probing one-dimensional topological phases in waveguide lattices with broken chiral symmetry. <i>Optics Letters</i> , <b>2018</b> , 43, 4639-4642                              | 3    | 18 |
| 365 | One-way invisibility in isotropic dielectric optical media. <i>American Journal of Physics</i> , <b>2017</b> , 85, 439-446   | 0.7  | 14 |
| 364 | Time reversal of a discrete system coupled to a continuum based on non-Hermitian flip. <i>Science Bulletin</i> , <b>2017</b> , 62, 869-874                                     | 10.6 | 4  |
| 363 | Non-Hermitian Floquet invisibility. <i>Europhysics Letters</i> , <b>2017</b> , 117, 10005  | 1.6  | 12 |
| 362 | Localization, quantum resonances, and ratchet acceleration in a periodically kicked PT-symmetric quantum rotator. <i>Physical Review A</i> , <b>2017</b> , 95,                 | 2.6  | 13 |

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| 361 | Non-Hermitian bidirectional robust transport. <i>Physical Review B</i> , <b>2017</b> , 95,  | 3.3 | 12  |
| 360 | Oscillating potential well in the complex plane and the adiabatic theorem. <i>Physical Review A</i> , <b>2017</b> , 96,   | 2.6 | 6   |
| 359 | Kramers-Kronig potentials for the discrete Schrödinger equation. <i>Physical Review A</i> , <b>2017</b> , 96,   | 2.6 | 8   |
| 358 | Floquet exceptional points and chirality in non-Hermitian Hamiltonians. <i>Journal of Physics A: Mathematical and Theoretical</i> , <b>2017</b> , 50, 505201    | 2   | 21  |
| 357 | Non-Hermitian time-dependent perturbation theory: Asymmetric transitions and transitionless interactions. <i>Annals of Physics</i> , <b>2017</b> , 385, 744-756 | 2.5 | 9   |
| 356 | Nonlinear Anisotropic Dielectric Metasurfaces for Ultrafast Nanophotonics. <i>ACS Photonics</i> , <b>2017</b> , 4, 212962136                                    | 4.1 | 41  |
| 355 | Spatiotemporal deformations of reflectionless potentials. <i>Physical Review A</i> , <b>2017</b> , 96,  | 2.6 | 10  |
| 354 | Non-Hermitian interaction of a discrete state with a continuum. <i>International Journal of Modern Physics B</i> , <b>2017</b> , 31, 1750249                    | 1.1 | 1   |
| 353 | Rapidly oscillating scatteringless non-Hermitian potentials and the absence of Kapitza stabilization. <i>Europhysics Letters</i> , <b>2017</b> , 118, 20004     | 1.6 | 5   |
| 352 | Nonadiabatic robust excitation transfer assisted by an imaginary gauge field. <i>Physical Review A</i> , <b>2017</b> , 95,                                      | 2.6 | 9   |
| 351 | Bound states of moving potential wells in discrete wave mechanics. <i>Europhysics Letters</i> , <b>2017</b> , 120, 20007  | 1.6 | 1   |
| 350 | Parity-time symmetry meets photonics: A new twist in non-Hermitian optics. <i>Europhysics Letters</i> , <b>2017</b> , 120, 64001                                | 1.6 | 137 |
| 349 | Unidirectional lasing in semiconductor microring lasers at an exceptional point [Invited]. <i>Photonics Research</i> , <b>2017</b> , 5, B1                      | 6   | 39  |
| 348 | Nonlinear adiabatic optical isolator. <i>Applied Optics</i> , <b>2017</b> , 56, 2991-2994   | 0.2 | 7   |
| 347 | Photonic Loschmidt echo in binary waveguide lattices. <i>Optics Letters</i> , <b>2017</b> , 42, 2551-2554   | 3   | 1   |
| 346 | Reflectionless and invisible potentials in photonic lattices. <i>Optics Letters</i> , <b>2017</b> , 42, 3229-3232   | 3   | 8   |
| 345 | Refractionless propagation of discretized light. <i>Optics Letters</i> , <b>2017</b> , 42, 5086-5089  | 3   | 1   |
| 344 | Accelerated and AiryBloch oscillations. <i>International Journal of Modern Physics B</i> , <b>2016</b> , 30, 1650189  | 1.1 | 2   |

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| 343 | Non-Hermitian tight-binding network engineering. <i>Physical Review A</i> , <b>2016</b> , 93,  | 2.6  | 25  |
| 342 | Transparency in nonlinear frequency conversion. <i>Physical Review A</i> , <b>2016</b> , 93,   | 2.6  | 2   |
| 341 | Quantum decay and amplification in a non-Hermitian unstable continuum. <i>Physical Review A</i> , <b>2016</b> , 93,                                      | 2.6  | 1   |
| 340 | $\mathcal{PT}$ -symmetric quantum oscillator in an optical cavity. <i>Europhysics Letters</i> , <b>2016</b> , 115, 61001                                 | 1.6  | 9   |
| 339 | Diamond photonics platform enabled by femtosecond laser writing. <i>Scientific Reports</i> , <b>2016</b> , 6, 35566                                      | 4.9  | 65  |
| 338 | $\mathcal{PT}$ -symmetric mode-locking. <i>Optics Letters</i> , <b>2016</b> , 41, 4518-4521  | 3    | 17  |
| 337 | Quantum entropy source on an InP photonic integrated circuit for random number generation. <i>Optica</i> , <b>2016</b> , 3, 989                          | 8.6  | 52  |
| 336 | Orbital Angular Momentum Microlaser <b>2016</b> ,  |      | 2   |
| 335 | Robust unidirectional transport in a one-dimensional metacrystal with long-range hopping. <i>Europhysics Letters</i> , <b>2016</b> , 116, 30005          | 1.6  | 5   |
| 334 | Ultrafast Spectroscopy of Graphene-Protected Thin Copper Films. <i>ACS Photonics</i> , <b>2016</b> , 3, 1508-1516  | 6.3  | 7   |
| 333 | Optical parametric amplification and oscillation assisted by low-frequency stimulated emission. <i>Optics Letters</i> , <b>2016</b> , 41, 1813-6         | 3    | 3   |
| 332 | Optical realization of the dissipative quantum oscillator. <i>Optics Letters</i> , <b>2016</b> , 41, 1712-5  | 3    | 3   |
| 331 | $\mathcal{PT}$ phase control in circular multi-core fibers. <i>Optics Letters</i> , <b>2016</b> , 41, 1897-900   | 3    | 19  |
| 330 | Quantum state transfer by time reversal in the continuum. <i>Europhysics Letters</i> , <b>2016</b> , 113, 60006  | 1.6  | 6   |
| 329 | Shortcut to adiabaticity in full-wave optics for ultra-compact waveguide junctions. <i>Journal of Optics (United Kingdom)</i> , <b>2016</b> , 18, 09LT03 | 1.7  | 7   |
| 328 | Tight-binding lattices with an oscillating imaginary gauge field. <i>Physical Review A</i> , <b>2016</b> , 94,   | 2.6  | 15  |
| 327 | Bidirectional invisibility in Kramers-Kronig optical media. <i>Optics Letters</i> , <b>2016</b> , 41, 3727-30  | 3    | 26  |
| 326 | Orbital angular momentum microlaser. <i>Science</i> , <b>2016</b> , 353, 464-7   | 33.3 | 341 |

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| 325 | Transient Optical Response of a Single Gold Nanoantenna: The Role of Plasmon Detuning. <i>ACS Photonics</i> , <b>2015</b> , 2, 521-529                                      | 6.3 | 42  |
| 324 | Mixed Rabi Jaynes-Cummings model of a three-level atom interacting with two quantized fields. <i>Optics Communications</i> , <b>2015</b> , 346, 110-114                     | 2   | 6   |
| 323 | Particle statistics affects quantum decay and Fano interference. <i>Physical Review Letters</i> , <b>2015</b> , 114, 090201   | 4   | 46  |
| 322 | Supersymmetric Bragg gratings. <i>Journal of Optics (United Kingdom)</i> , <b>2015</b> , 17, 045803   | 1.7 | 19  |
| 321 | Non-reciprocal transmission in photonic lattices based on unidirectional coherent perfect absorption. <i>Optics Letters</i> , <b>2015</b> , 40, 1278-81                     | 3   | 38  |
| 320 | Supersymmetric transparent optical intersections. <i>Optics Letters</i> , <b>2015</b> , 40, 463-6   | 3   | 29  |
| 319 | Synthetic gauge fields for light beams in optical resonators. <i>Optics Letters</i> , <b>2015</b> , 40, 2941-4  | 3   | 14  |
| 318 | Friedmann-Robertson-Walker transformational technique in paraxial wave optics. <i>Journal of the Optical Society of America B: Optical Physics</i> , <b>2015</b> , 32, 1834 | 1.7 | 3   |
| 317 | Bloch oscillations in non-Hermitian lattices with trajectories in the complex plane. <i>Physical Review A</i> , <b>2015</b> , 92,   | 2.6 | 20  |
| 316 | Self-organized plasmonic metasurfaces for all-optical modulation. <i>Physical Review B</i> , <b>2015</b> , 91,  | 3.3 | 20  |
| 315 | Non-Hermitian transparency and one-way transport in low-dimensional lattices by an imaginary gauge field. <i>Physical Review B</i> , <b>2015</b> , 92,                      | 3.3 | 73  |
| 314 | Tunable dynamic Fano resonances in coupled-resonator optical waveguides. <i>Physical Review A</i> , <b>2015</b> , 91,   | 2.6 | 13  |
| 313 | Robust light transport in non-Hermitian photonic lattices. <i>Scientific Reports</i> , <b>2015</b> , 5, 13376   | 4.9 | 122 |
| 312 | Robust Light State by Quantum Phase Transition in Non-Hermitian Optical Materials. <i>Scientific Reports</i> , <b>2015</b> , 5, 17022                                       | 4.9 | 39  |
| 311 | Phase transitions in Wick-rotated PT-symmetric optics. <i>Annals of Physics</i> , <b>2015</b> , 360, 150-160  | 2.5 | 10  |
| 310 | Fractional Schrödinger equation in optics. <i>Optics Letters</i> , <b>2015</b> , 40, 1117-20  | 3   | 215 |
| 309 | Half-spectral unidirectional invisibility in non-Hermitian periodic optical structures. <i>Optics Letters</i> , <b>2015</b> , 40, 5694-7                                    | 3   | 37  |
| 308 | Localization without recurrence and pseudo-Bloch oscillations in optics. <i>Optics Letters</i> , <b>2015</b> , 40, 4707-10  | 3   | 3   |



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| 307 | Wave reflection in dielectric media obeying spatial Kramers-Kronig relations. <i>Europhysics Letters</i> , <b>2015</b> , 112, 64001                          | 1.6 | 31 |
| 306 | Ultrafast Non-thermal Response of Plasmonic Resonance in Gold Nanoantennas. <i>Springer Proceedings in Physics</i> , <b>2015</b> , 679-682                   | 0.2 |    |
| 305 | Optical analogue of relativistic Dirac solitons in binary waveguide arrays. <i>Annals of Physics</i> , <b>2014</b> , 340, 179-187                            | 2.5 | 42 |
| 304 | Floquet-Hubbard bound states in the continuum. <i>Physical Review B</i> , <b>2014</b> , 89,  | 3.3 | 15 |
| 303 | Modeling of diesel oxidation catalysts for calibration and control purpose. <i>International Journal of Engine Research</i> , <b>2014</b> , 15, 965-979      | 2.7 | 7  |
| 302 | Optical analog of spontaneous symmetry breaking induced by tachyon condensation in amplifying plasmonic arrays. <i>Physical Review A</i> , <b>2014</b> , 89, | 2.6 | 6  |
| 301 | Optical simulation of neutrino oscillations in binary waveguide arrays. <i>Physical Review Letters</i> , <b>2014</b> , 113, 150401                           | 7.4 | 14 |
| 300 | Adiabatic quantum state transfer in tight-binding chains using periodic driving fields. <i>Europhysics Letters</i> , <b>2014</b> , 107, 50003                | 1.6 | 6  |
| 299 | Invisible surface defects in a tight-binding lattice. <i>European Physical Journal B</i> , <b>2014</b> , 87, 1   | 1.2 | 2  |
| 298 | Disentangling electrons and lattice nonlinear optical response in metal-dielectric Bragg filters. <i>Physical Review B</i> , <b>2014</b> , 89,               | 3.3 | 12 |
| 297 | Quantum recurrence and fractional dynamic localization in ac-driven perfect state transfer Hamiltonians. <i>Annals of Physics</i> , <b>2014</b> , 345, 63-72 | 2.5 | 2  |
| 296 | Coherent transfer by adiabatic passage in two-dimensional lattices. <i>Annals of Physics</i> , <b>2014</b> , 348, 161-175.                                   | 2.5 | 11 |
| 295 | Anti-Newtonian dynamics and self-induced Bloch oscillations of correlated particles. <i>New Journal of Physics</i> , <b>2014</b> , 16, 113076                | 2.9 | 3  |
| 294 | Anomalous diffraction and Abel transformation of astigmatic beams in photonic lattices. <i>Optics Letters</i> , <b>2014</b> , 39, 6636-9                     | 3   |    |
| 293 | PT-symmetric microring laser-absorber. <i>Optics Letters</i> , <b>2014</b> , 39, 5026-9  | 3   | 52 |
| 292 | Aharonov-Bohm photonic cages in waveguide and coupled resonator lattices by synthetic magnetic fields. <i>Optics Letters</i> , <b>2014</b> , 39, 5892-5      | 3   | 70 |
| 291 | Bound states in the continuum in PT-symmetric optical lattices. <i>Optics Letters</i> , <b>2014</b> , 39, 1697-700   | 3   | 55 |
| 290 | Non-Hermitian shortcut to stimulated Raman adiabatic passage. <i>Physical Review A</i> , <b>2014</b> , 89,   | 2.6 | 55 |

- 289 Optical lattices with exceptional points in the continuum. *Physical Review A*, **2014**, 89, 2.6 29
- 288 Talbot self-imaging in PT-symmetric complex crystals. *Physical Review A*, **2014**, 90, 2.6 15
- 287 A unidirectionally invisible  $\mathcal{PT}$ -symmetric complex crystal with arbitrary thickness. *Journal of Physics A: Mathematical and Theoretical*, **2014**, 47, 485302 2 14
- 286 Exceptional points and Bloch oscillations in non-Hermitian lattices with unidirectional hopping. *Europhysics Letters*, **2014**, 106, 34001 1.6 21
- 285 Low-frequency anomalies in dynamic localization. *Journal of Physics Condensed Matter*, **2014**, 26, 255504 1.8 2
- 284  $\mathcal{PT}$ -symmetric optical superlattices. *Journal of Physics A: Mathematical and Theoretical*, **2014**, 47, 165302 2 8
- 283 Invisible defects in complex crystals. *Annals of Physics*, **2013**, 334, 35-46 2.5 29
- 282 Dynamic localization in Glauber-Fock lattices. *Journal of Physics Condensed Matter*, **2013**, 25, 035603 1.8 1
- 281 Dynamic band collapse in photonic graphene. *New Journal of Physics*, **2013**, 15, 013012 2.9 50
- 280 Ultrafast nonlinear dynamics of surface plasmon polaritons in gold nanowires due to the intrinsic nonlinearity of metals. *New Journal of Physics*, **2013**, 15, 013033 2.9 82
- 279 Floquet bound states in the continuum. *Scientific Reports*, **2013**, 3, 2219 4.9 36
- 278 Absence of Floquet scattering in oscillating non-Hermitian potential wells. *Physical Review A*, **2013**, 87, 2.6 7
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