Eleftherios Economou

List of Publications by Year
in descending order

211 papers	14,186 citations	25014 57 h-index	21521 114 g-index
215 all docs	215 docs citations	215 times ranked	8812 citing authors

#	Article	IF	Citations
1	2D-patterned graphene metasurfaces for efficient third harmonic generation at THz frequencies. Optics Express, 2022, 30, 460.	1.7	17
2	Submicron Organicâ€“Inorganic Hybrid Radiative Cooling Coatings for Stable, Ultrathin, and Lightweight Solar Cells. ACS Photonics, 2022, 9, 1327-1337.	3.2	22
3	Chirality sensing employing parity-time-symmetric and other resonant gain-loss optical systems. Physical Review B, 2022, 105, .	1.1	6
4	Anapole Tolerance to Dissipation Losses in Thermally Tunable Water-Based Metasurfaces. Physical Review Applied, 2021, 15, .	1.5	16
5	Transport and spectral features in non-Hermitian open systems. Physical Review Research, 2021, 3, .	1.3	28
6	Combined nano and micro structuring for enhanced radiative cooling and efficiency of photovoltaic cells. Scientific Reports, 2021, 11, 11552.	1.6	30
7	3D-Printed Metasurface Units for Potential Energy Harvesting Applications at the 2.4 GHz Frequency Band. Crystals, 2021, 11, 1089.	1.0	9
8	Anapoles in dielectric metasurfaces and thermal tunabilty: theory and experiments. , 2021, , .		0
9	Non-Hermitian disorder in two-dimensional optical lattices. Physical Review B, 2020, 101, .	1.1	79
10	Squeezing a Prism into a Surface: Emulating Bulk Optics with Achromatic Metasurfaces. Advanced Optical Materials, 2020, 8, 2000942.	3.6	17
11	Polaritonic cylinders as multifunctional metamaterials: Single scattering and effective medium description. Physical Review B, 2020, 102, .	1.1	5
12	Split-cube-resonator-based metamaterials for polarization-selective asymmetric perfect absorption. Scientific Reports, 2020, 10, 17653.	1.6	13
13	Shape-preserving beam transmission through non-Hermitian disordered lattices. Physical Review A, 2020, 102, .	1.0	13
14	Flexible 3D Printed Conductive Metamaterial Units for Electromagnetic Applications in Microwaves. Materials, 2020, 13, 3879.	1.3	23
15	PT -symmetric chiral metamaterials: Asymmetric effects and PT -phase control. Physical Review B, 2020, 101, .	1.1	17
16	Toward Intelligent Metasurfaces: The Progress from Globally Tunable Metasurfaces to Softwareâ€Defined Metasurfaces with an Embedded Network of Controllers. Advanced Optical Materials, 2020, 8, 2000783.	3.6	145
17	Scattering Properties of PT-Symmetric Chiral Metamaterials. Photonics, 2020, 7, 43.	0.9	7
18	Toroidal Multipoles in Metamaterials. , 2020, , 237-278.		2

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19	Passive radiative cooling and other photonic approaches for the temperature control of photovoltaics: a comparative study for crystalline silicon-based architectures. Optics Express, 2020, 28, 18548.	1.7	45
20	Ultraviolet radiation impact on the efficiency of commercial crystalline silicon-based photovoltaics: a theoretical thermal-electrical study in realistic device architectures. OSA Continuum, 2020, 3, 1436.	1.8	8
21	Demonstration of Ultrafast THz Absorption Modulation in a Graphene-Based Thin Absorber. , 2019, , .		0
22	Exploration of Intercell Wireless Millimeter-Wave Communication in the Landscape of Intelligent Metasurfaces. IEEE Access, 2019, 7, 122931-122948.	2.6	41
23	Dynamic anapole in metasurfaces made of sculptured cylinders. Physical Review B, 2019, 100, .	1.1	14
24	Chiral Metamaterials with <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>P</mml:mi><mml:mi>T</mml:mi></mml:mrow></mml:math> Symmetry and Beyond. Physical Review Letters, 2019, 122, 213201.	2.9	32
25	Perfect optical absorption with nanostructured metal films: design and experimental demonstration. Optics Express, 2019, 27, 6842.	1.7	28
26	Spontaneous-relaxation-rate suppression in cavities with <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi mathvariant="script">PT</mml:mi></mml:math> symmetry. Physical Review A, 2019, 99, .	1.0	7
27	Experimental Demonstration of Ultrafast THz Modulation in a Graphene-Based Thin Film Absorber through Negative Photoinduced Conductivity. ACS Photonics, 2019, 6, 720-727.	3.2	128
28	Combining chirality and PT-symmetry in metamaterials. , 2019, , .		1
29	Accessible phases via wave impedance engineering with PT -symmetric metamaterials. Physical Review B, 2019, 100, .	1.1	6
30	Pairing Toroidal and Magnetic Dipole Resonances in Elliptic Dielectric Rod Metasurfaces for Reconfigurable Wavefront Manipulation in Reflection. Advanced Optical Materials, 2018, 6, 1800633.	3.6	65
31	Programmable Metasurfaces: State of the Art and Prospects. , 2018, , .		49
32	Intercell Wireless Communication in Software-defined Metasurfaces. , 2018, , .		28
33	Perfect absorbers based on metalâ€“insulatorâ€“metal structures in the visible region: a simple approach for practical applications. Applied Physics A: Materials Science and Processing, 2017, 123, 1.	1.1	27
34	Extremely high <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>Q</mml:mi></mml:math> -factor metamaterials due to anapole excitation. Physical Review B, 2017, 95, .	1.1	183
35	Electromagnetic shielding effectiveness of 3D printed polymer composites. Applied Physics A: Materials Science and Processing, 2017, 123, 1.	1.1	52
36	Dielectric rod metasurfaces: Exploiting toroidal and magnetic dipole resonances. , 2017, , .		0

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37	Graded-index Media for Optical Manipulation. , 2017, , .		0
38	Interrelation of Aromaticity and Conductivity of Graphene Dots/Antidots and Related Nanostructures. Journal of Physical Chemistry C, 2016, 120, 29463-29475.	1.5	17
39	Graded-index optical dimer formed by optical force. Optics Express, 2016, 24, 11376.	1.7	5
40	Electromagnetic shielding effectiveness and mechanical properties of graphite-based polymeric films. Applied Physics A: Materials Science and Processing, 2016, 122, 1.	1.1	23
41	Toroidal eigenmodes in all-dielectric metamolecules. Physical Review B, 2016, 94, .	1.1	58
42	Is Antidot-Patterned Graphene Aromatic? Unusual Aromatic Properties of Graphene Antidot Lattices and Antidot-Functionalized Nanographenes. Journal of Physical Chemistry C, 2016, 120, 756-764.	1.5	6
43	Theoretical model of homogeneous metalâ€“insulatorâ€“metal perfect multi-band absorbers for the visible spectrum. Journal Physics D: Applied Physics, 2016, 49, 055104.	1.3	77
44	Casimir forces of metallic microstructures into cavities. Physical Review B, 2015, 92, .	1.1	1
45	Dielectric Metamaterials with Toroidal Dipolar Response. Physical Review X, 2015, 5, .	2.8	145
46	Controlling THz and far-IR waves with chiral and bianisotropic metamaterials. EPJ Applied Metamaterials, 2015, 2, 15.	0.8	12
47	Three-Dimensional Infrared Metamaterial with Asymmetric Transmission. ACS Photonics, 2015, 2, 287-294.	3.2	122
48	A Pedestrian Approach to the Aromaticity of Graphene and Nanographene: Significance of Huckelâ€™s (4n+2)Ï€ Electron Rule. Journal of Physical Chemistry C, 2015, 119, 16991-17003.	1.5	42
49	Phononic crystals and elastodynamics: Some relevant points. AIP Advances, 2014, 4, 124203.	0.6	21
50	Elastodynamic behavior of the three dimensional layer-by-layer metamaterial structure. Journal of Applied Physics, 2014, 116, 133503.	1.1	9
51	Optically controllable THz chiral metamaterials. Optics Express, 2014, 22, 12149.	1.7	74
52	Epsilon near zero based phenomena in metamaterials. Physical Review B, 2013, 87, .	1.1	45
53	Eutectic epsilon-near-zero metamaterial terahertz waveguides. Optics Letters, 2013, 38, 1140.	1.7	36
54	Backward wave radiation from negative permittivity waveguides and its use for THz subwavelength imaging. Optics Express, 2012, 20, 12752.	1.7	14

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55	Self-organization approach for THz polaritonic metamaterials. Optics Express, 2012, 20, 14663.	1.7	42
56	Possible molecular bottom-up approach to optical metamaterials. Physical Review B, 2012, 86, .	1.1	5
57	Flexible chiral metamaterials in the terahertz regime: a comparative study of various designs. Optical Materials Express, 2012, 2, 1702.	1.6	72
58	Two-dimensional polaritonic photonic crystals as terahertz uniaxial metamaterials. Physical Review B, 2011, 84, .	1.1	45
59	Superlensing Effects in Anisotropic Eutectic Metamaterials in the THz Range. , 2011, , .		1
60	Repulsive Casimir forces with finite-thickness slabs. Physical Review B, 2011, 83, .	1.1	37
61	Comparison of chiral metamaterial designs for repulsive Casimir force. Physical Review B, 2010, 81, .	1.1	55
62	Chiral metamaterials reduce the attractive Casimir force. , 2010, , .		0
63	ZhaoetÂal.Reply:. Physical Review Letters, 2010, 105, .	2.9	6
64	Magnetic response of nanoscale left-handed metamaterials. Physical Review B, 2010, 81, .	1.1	48
65	The Physics of Solids. Graduate Texts in Physics, 2010, , .	0.1	32
66	Optical metamaterials: Possibilities and limitations. , 2010, , .		0
67	Slow light with electromagnetically induced transparency in metamaterials. , 2009, , .		0
68	Parametric investigation and analysis of fishnet metamaterials in the microwave regime. Journal of the Optical Society of America B: Optical Physics, 2009, 26, B61.	0.9	13
69	Planar designs for electromagnetically induced transparency in metamaterials. Optics Express, 2009, 17, 5595.	1.7	179
70	Compact planar far-field superlens based on anisotropic left-handed metamaterials. Physical Review B, 2009, 80, .	1.1	29
71	Broadband blueshift tunable metamaterials and dual-band switches. Physical Review B, 2009, 79, .	1.1	96
72	Repulsive Casimir Force in Chiral Metamaterials. Physical Review Letters, 2009, 103, 103602.	2.9	196

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73	Low-Loss Metamaterials Based on Classical Electromagnetically Induced Transparency. Physical Review Letters, 2009, 102, 053901.	2.9	615
74	Fixing by Thinking: The Power of Dimensional Analysis. , 2009, , .		0
75	The Fourth Quadrant in the <I>Îµ</I>, <I>Î¼</I> Plane: A New Frontier in Optics. Journal of Computational and Theoretical Nanoscience, 2009, 6, 1827-1836.	0.4	3
76	Strong diamagnetic response in split-ring-resonator metamaterials: Numerical study and two-loop model. Physical Review B, 2008, 77, .	1.1	36
77	Negative index short-slab pair and continuous wires metamaterials in the far infrared regime. Optics Express, 2008, 16, 9173.	1.7	34
78	Multi-gap individual and coupled split-ring resonator structures. Optics Express, 2008, 16, 18131.	1.7	92
79	The science of negative index materials. Journal of Physics Condensed Matter, 2008, 20, 304217.	0.7	58
80	Left Handed Metamaterials: A New Frontier In Optics?. AIP Conference Proceedings, 2007, , .	0.3	0
81	Experimental verification of backward wave propagation at photonic crystal surfaces. Applied Physics Letters, 2007, 91, 214102.	1.5	18
82	Backward surface waves at photonic crystals. Physical Review B, 2007, 75, .	1.1	31
83	Left-Handed Materials in Microwave and Infrared Frequencies. , 2007, , .		0
84	Noncontact optical imaging in mice with full angular coverage and automatic surface extraction. Applied Optics, 2007, 46, 3617.	2.1	65
85	Left-handed metamaterials: The fishnet structure and its variations. Physical Review B, 2007, 75, .	1.1	331
86	Three-Dimensional in Vivo Imaging of Green Fluorescent Protein-Expressing T Cells in Mice with Noncontact Fluorescence Molecular Tomography. Molecular Imaging, 2007, 6, 7290.2007.00007.	0.7	44
87	Magnetic response of split ring resonators at terahertz frequencies. Physica Status Solidi (B): Basic Research, 2007, 244, 1181-1187.	0.7	35
88	3D in vivo imaging of GFP-expressing T-cells in mice with non-contact fluorescence molecular tomography. , 2006, , .		1
89	Experimental demonstration of negative magnetic permeability in the far-infrared frequency regime. Applied Physics Letters, 2006, 89, 084103.	1.5	46
90	Negative Index Materials: New Frontiers in Optics. , 2005, , FTuX1.		4

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91	A multi-projection non-contact tomography setup for imaging arbitrary geometries. , 2005, , .		3
92	3D in-vivo imaging of GFP-expressing T-cells in mice with non-contact fluorescence molecular tomography (Invited Paper). , 2005, , .		1
93	The spectrum of vibration modes in soft opals. Journal of Chemical Physics, 2005, 123, 121104.	1.2	33
94	Impact of inherent periodic structure on effective medium description of left-handed and related metamaterials. Physical Review B, 2005, 71, .	1.1	253
95	Electromagnetic wave propagation in an active medium and the equivalent SchrÃ¶dinger equation with an energy-dependent complex potential. Physical Review B, 2005, 72, .	1.1	11
96	Mechanical Strength of Amorphous CaCO3Colloidal Spheres. Langmuir, 2005, 21, 6666-6668.	1.6	29
97	Magnetic response of split-ring resonators in the far-infrared frequency regime. Optics Letters, 2005, 30, 1348.	1.7	199
98	Left-handed metamaterials: detailed numerical studies of the transmission properties. Journal of Optics, 2005, 7, S12-S22.	1.5	118
99	Classical vibrational modes in phononic lattices: theory and experiment. Zeitschrift Fur Kristallographie - Crystalline Materials, 2005, 220, .	0.4	189
100	Saturation of the Magnetic Response of Split-Ring Resonators at Optical Frequencies. Physical Review Letters, 2005, 95, 223902.	2.9	559
101	A multiprojection noncontact fluorescence tomography setup for imaging arbitrary geometries. , 2005, , .		1
102	Left- and right-handed transmission peaks near the magnetic resonance frequency in composite metamaterials. Physical Review B, 2004, 70, .	1.1	51
103	Phonons in suspensions of hard sphere colloids: Volume fraction dependence. Journal of Chemical Physics, 2004, 121, 7849.	1.2	8
104	Effective Medium Theory of Left-Handed Materials. Physical Review Letters, 2004, 93, 107402.	2.9	317
105	Electric coupling to the magnetic resonance of split ring resonators. Applied Physics Letters, 2004, 84, 2943-2945.	1.5	428
106	Phonon Propagation in Ordered Diblock Copolymer Solutions. Macromolecules, 2004, 37, 5006-5010.	2.2	10
107	Optimal tuning of lasing modes through collective particle resonance. Journal of the Optical Society of America B: Optical Physics, 2004, 21, 141.	0.9	20
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109	Phonons in colloidal systems. Journal of Chemical Physics, 2003, 118, 5224-5240.	1.2	66
110	Phonons in colloidal crystals. Europhysics Letters, 2002, 58, 699-704.	0.7	19
111	<title>Experimental demonstration of a fast analytical method for modeling photon propagation in diffusive media with arbitrary geometry</title>. , 2001, , .		1
112	Sonic crystals worth shouting about. Physics World, 2000, 13, 26-27.	0.0	0
113	Air Bubbles in Water: A Strongly Multiple Scattering Medium for Acoustic Waves. Physical Review Letters, 2000, 84, 6050-6053.	2.9	120
114	Gap deformation and classical wave localization in disordered two-dimensional photonic-band-gap materials. Physical Review B, 2000, 61, 13458-13464.	1.1	86
115	Acoustic Excitations in Suspensions of Soft Colloids. Physical Review Letters, 2000, 85, 4622-4625.	2.9	43
116	Comment on â€œEnergy Velocity of Diffusing Waves in Strongly Scattering Mediaâ€• Physical Review Letters, 1999, 82, 2000-2000.	2.9	7
117	Kinetic and transport equations for localized excitations in the sine-Gordon model. Physical Review E, 1999, 60, 6645-6655.	0.8	4
118	Multiple-scattering theory for three-dimensional periodic acoustic composites. Physical Review B, 1999, 60, 11993-12001.	1.1	313
119	Electronic localization in disordered systems. Waves in Random and Complex Media, 1999, 9, 255-269.	1.5	57
120	Tight-Binding Parametrization for Photonic Band Gap Materials. Physical Review Letters, 1998, 81, 1405-1408.	2.9	209
121	Small- q electron-phonon scattering and linear dc resistivity in high- T c oxides. Europhysics Letters, 1998, 42, 313-318.	0.7	5
122	Dichotomous collective proton dynamics in ice. Physical Review B, 1998, 57, 234-245.	1.1	11
123	Acoustic waves in random media. Europhysics Letters, 1997, 37, 7-12.	0.7	15
124	Propagation of solitons in hydrogen-bonded chains with mass variation. Physical Review E, 1997, 56, 1088-1096.	0.8	14
125	Optical properties ofSimGenssuperlattices: A CPA treatment of the interface diffusion. Physical Review B, 1997, 55, 10760-10775.	1.1	6
126	Dependence of the energy and form of the optical-absorption onset of interface diffusion inSinGemsuperlattices. Physical Review B, 1997, 55, R4887-R4890.	1.1	3

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127	Scaling properties in highly anisotropic systems. Physical Review B, 1997, 56, R4297-R4300.	1.1	12
128	Localization in weakly coupled planes and weakly coupled wires. Physical Review B, 1997, 56, 12221-12231.	1.1	3
129	Attenuation of multiple-scattered sound. Europhysics Letters, 1996, 36, 241-246.	0.7	130
130	Anderson localization for two interacting electrons in a disordered chain. Physical Review B, 1996, 54, 8469-8473.	1.1	17
131	Localization in Highly Anisotropic Systems. Physical Review Letters, 1996, 76, 3614-3617.	2.9	43
132	Additivity of diffusion coefficients for solitons. Europhysics Letters, 1996, 36, 87-92.	0.7	1
133	Localization and electron-phonon interactions in disordered systems. Europhysics Letters, 1996, 33, 459-464.	0.7	10
134	The Anderson transition in a model of coupled random polymer chains. Journal of Physics Condensed Matter, 1996, 8, L605-L610.	0.7	4
135	Elastic Waves in Periodic Composite Materials. , 1996, , 143-164.		1
136	Electron-phonon interaction, localization, and polaron formation in one-dimensional systems. Physical Review B, 1995, 51, 15038-15052.	1.1	45
137	Nonlinear Collective Proton Dynamics in Ice Crystals: Square Lattice Model for Ionic Defects. Physical Review Letters, 1995, 74, 1493-1493.	2.9	0
138	Transport velocity in two-dimensional random media. Physical Review B, 1995, 52, 10834-10840.	1.1	11
139	Electronic Structure and Optical Properties of Si/Ge Superlattices. Europhysics Letters, 1995, 31, 113-118.	0.7	2
140	Interpretation of the band-structure results for elastic and acoustic waves by analogy with the LCAO approach. Physical Review B, 1995, 52, 13317-13331.	1.1	81
141	Comment on â€œAcoustic Band Structure of Periodic Elastic Compositesâ€• Physical Review Letters, 1995, 75, 3580-3580.	2.9	16
142	Polarons on a one-dimensional non-linear lattice with two structural phases. Journal of Physics Condensed Matter, 1994, 6, 421-430.	0.7	0
143	Self-trapping properties and recurrence phenomena in a modified discrete non-linear Schrodinger equation. Journal of Physics Condensed Matter, 1994, 6, 7847-7856.	0.7	7
144	Spectral gaps for electromagnetic and scalar waves: Possible explanation for certain differences. Physical Review B, 1994, 50, 3393-3396.	1.1	39

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145	One-dimensional localization with correlated disorder. Physical Review B, 1994, 50, 5110-5118.	1.1	18
146	Nonlinear Collective Proton Dynamics in Ice Crystal: Square Lattice Model for Ionic Defects. Physical Review Letters, 1994, 73, 2871-2874.	2.9	6
147	Electron-phonon interactions and recurrence phenomena in one-dimensional systems. Physical Review B, 1994, 49, 7036-7039.	1.1	17
148	Stop bands for elastic waves in periodic composite materials. Journal of the Acoustical Society of America, 1994, 95, 1734-1740.	0.5	139
149	Elastic waves in plates with periodically placed inclusions. Journal of Applied Physics, 1994, 75, 2845-2850.	1.1	152
150	Propagation of classical waves in random media. Physical Review B, 1994, 49, 3800-3810.	1.1	86
151	Transport and scattering mean free paths of classical waves. Physical Review B, 1994, 50, 93-98.	1.1	50
152	Reflectionless modes in chains with large-size homogeneous impurities. Journal of Physics A, 1993, 26, 2803-2813.	1.6	41
153	Polarons on a one-dimensional nonlinear lattice. Physical Review B, 1993, 48, 13518-13523.	1.1	5
154	Local spin clustering and phase separation in the Hubbard model. Journal of Physics Condensed Matter, 1993, 5, 4505-4518.	0.7	4
155	Phase separation in the Hubbard model. Physical Review B, 1993, 47, 9208-9214.	1.1	15
156	Classical wave propagation in periodic structures: Cermet versus network topology. Physical Review B, 1993, 48, 13434-13438.	1.1	165
157	Polarons in a one-dimensional quasiperiodic model. Physical Review B, 1993, 47, 740-752.	1.1	19
158	Photonic band gaps and defects in two dimensions: Studies of the transmission coefficient. Physical Review B, 1993, 48, 14121-14126.	1.1	164
159	Photonic Band Gaps in Periodic Dielectric Structures: Relation to the Single-Scatterer Mie Resonances. NATO ASI Series Series B: Physics, 1993, , 289-297.	0.2	3
160	Spectral Gaps for Classical Waves in Periodic Structures. NATO ASI Series Series B: Physics, 1993, , 317-338.	0.2	7
161	Polaron formation in one-dimensional quasiperiodic systems. Physical Review Letters, 1992, 68, 2370-2373.	2.9	21
162	Spectral density singularities, level statistics, and localization in a sparse random matrix ensemble. Physical Review Letters, 1992, 68, 361-364.	2.9	71

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164	Spectral density correlations and eigenfunction fluctuations in one-dimensional quasi-periodic systems. Journal of Physics Condensed Matter, 1991, 3, 5499-5513.	0.7	7
165	Fracton density of states by the maximum-entropy method. Physical Review B, 1991, 43, 11171-11176.	1.1	4
166	Classical wave propagation in periodic structures. Physical Review B, 1989, 40, 1334-1337.	1.1	87
167	Existence of Anderson Localization of Classical Waves in a Random Two-Component Medium. Physical Review Letters, 1989, 62, 1577-1577.	2.9	0
168	Calculation of optical transport and localization quantities. Physical Review B, 1989, 40, 7977-7980.	1.1	28
169	Anisotropic tight-binding model for localization. Physical Review B, 1989, 40, 2825-2830.	1.1	46
170	Existence of Anderson Localization of Classical Waves in a Random Two-Component Medium. Physical Review Letters, 1989, 62, 575-578.	2.9	64
171	Lattice-soliton scattering in nonlinear atomic chains. Physical Review B, 1988, 37, 3534-3541.	1.1	44
172	Band tails, path integrals, instantons, polarons, and all that. IBM Journal of Research and Development, 1988, 32, 82-92.	3.2	41
173	Localization for correlated binary-alloy disorder. Physical Review B, 1988, 37, 4399-4407.	1.1	18
174	Simple derivation of exponential tails in the density of states. Physical Review B, 1988, 37, 2714-2717.	1.1	40
175	Universal behavior near the band edges for disordered systems: Numerical and coherent-potential-approximation studies. Physical Review B, 1988, 37, 8289-8297.	1.1	10
176	Scattering properties of solitons in nonlinear disordered chains. Physical Review B, 1988, 38, 11888-11891.	1.1	28
177	Localization in quantum percolation: Transfer-matrix calculations in three dimensions. Physical Review B, 1987, 36, 8649-8655.	1.1	84
178	Tails in the Density of States. , 1987, , 681-695.		5
179	Fractal character of wave functions in one-dimensional incommensurate systems. Physical Review B, 1986, 33, 4936-4940.	1.1	34
180	Localization in three-dimensional systems by a Gaussian random potential. Physical Review B, 1986, 34, 2253-2257.	1.1	30

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181	Theory of Electron Band Tails and the Urbach Optical-Absorption Edge. Physical Review Letters, 1986, 57, 1777-1780.	2.9	265
182	Theory of Electron Band Tails and the Urbach Optical-Absorption Edge. Physical Review Letters, 1986, 57, 2877-2877.	2.9	9
183	Conductivity in disordered systems. Physical Review B, 1985, 31, 6483-6489.	1.1	29
184	Determination of the conductivity in disordered systems by the potential-well analogy. Physical Review B, 1985, 31, 7710-7713.	1.1	13
185	Localization in two- and three-dimensional systems away from the band center. Physical Review B, 1985, 32, 7811-7816.	1.1	62
186	Quantitative results near the band edges of disordered systems. Physical Review B, 1985, 31, 6172-6183.	1.1	55
187	Band-edge features in disordered systems. Physical Review B, 1985, 32, 8268-8277.	1.1	12
188	Electronic and transport properties of hydrogenated amorphous silicon. Physical Review B, 1985, 31, 2410-2415.	1.1	28
189	Fractal Character of Eigenstates in Disordered Systems. Physical Review Letters, 1984, 52, 565-568.	2.9	146
190	Small-bipolaron formation. Physical Review B, 1984, 29, 4496-4499.	1.1	57
191	Bipolarons in disordered media. Physical Review B, 1984, 29, 4500-4504.	1.1	19
192	A Field Theoretic Formalism for Electron-Phonon Interactions in Disordered Materials. Progress of Theoretical Physics Supplement, 1984, 80, 76-93.	0.2	0
193	Exponential Band Tails in Random Systems. Physical Review Letters, 1984, 53, 616-619.	2.9	118
194	Localized states in disordered systems as bound states in potential wells. Physical Review B, 1984, 30, 1686-1694.	1.1	102
195	Connection of localization with the problem of the bound state in a potential well. Physical Review B, 1983, 28, 1093-1094.	1.1	48
196	Theoretical study of optical absorption in hydrogenated amorphous silicon. Physical Review B, 1983, 28, 2232-2234.	1.1	18
197	Polaron Formation near a Mobility Edge. Physical Review Letters, 1983, 51, 1202-1205.	2.9	78
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200	Localization in One-Dimensional Lattices in the Presence of Incommensurate Potentials. Physical Review Letters, 1982, 48, 1043-1046.	2.9	167
201	Static Conductance and Scaling Theory of Localization in One Dimension. Physical Review Letters, 1981, 46, 618-621.	2.9	280
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203	Off-diagonal disorder in one-dimensional systems. Physical Review B, 1981, 24, 5698-5702.	1.1	141
204	Calculations of the electronic properties of hydrogenated silicon. Physical Review B, 1981, 24, 7233-7246.	1.1	120
205	Random one-body approximation to the Hubbard model. III. Application to higher-dimensional lattices. Physical Review B, 1978, 18, 3968-3975.	1.1	28
206	Random one-body approximation to the Hubbard model. I. Formalism. Physical Review B, 1978, 18, 3946-3958.	1.1	40
207	Random one-body approximation to the Hubbard model. II. One-dimensional case. Physical Review B, 1978, 18, 3959-3967.	1.1	22
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