

Cefe Lopez

List of Publications by Year in descending order

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176
papers

11,181
citations

44069

48
h-index

30922

102
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180
all docs

180
docs citations

180
times ranked

8692
citing authors

#	ARTICLE	IF	CITATIONS
1	Large-scale synthesis of a silicon photonic crystal with a complete three-dimensional bandgap near 1.5 micrometres. <i>Nature</i> , 2000, 405, 437-440.	27.8	1,512
2	Materials Aspects of Photonic Crystals. <i>Advanced Materials</i> , 2003, 15, 1679-1704.	21.0	876
3	Strong magnetic response of submicron Silicon particles in the infrared. <i>Optics Express</i> , 2011, 19, 4815.	3.4	626
4	Self-Assembled Photonic Structures. <i>Advanced Materials</i> , 2011, 23, 30-69.	21.0	583
5	3D Long-range ordering in ein SiO ₂ submicrometer-sphere sintered superstructure. <i>Advanced Materials</i> , 1997, 9, 257-260.	21.0	350
6	Photonic crystal properties of packed submicrometric SiO ₂ spheres. <i>Applied Physics Letters</i> , 1997, 71, 1148-1150.	3.3	334
7	Control of the Photonic Crystal Properties of fcc-Packed Submicrometer SiO ₂ Spheres by Sintering. <i>Advanced Materials</i> , 1998, 10, 480-483.	21.0	309
8	Self-assembly of polyhedral metal-organic framework particles into three-dimensional ordered superstructures. <i>Nature Chemistry</i> , 2018, 10, 78-84.	13.6	298
9	Evidence of FCC Crystallization of SiO ₂ Nanospheres. <i>Langmuir</i> , 1997, 13, 6009-6011.	3.5	293
10	Electrophoretic Deposition To Control Artificial Opal Growth. <i>Langmuir</i> , 1999, 15, 4701-4704.	3.5	270
11	Resonance-driven random lasing. <i>Nature Photonics</i> , 2008, 2, 429-432.	31.4	261
12	Photonic Glass: A Novel Random Material for Light. <i>Advanced Materials</i> , 2007, 19, 2597-2602.	21.0	230
13	The mode-locking transition of random lasers. <i>Nature Photonics</i> , 2011, 5, 615-617.	31.4	195
14	Nanorobotic Manipulation of Microspheres for On-Chip Diamond Architectures. <i>Advanced Materials</i> , 2002, 14, 1144.	21.0	170
15	CdS photoluminescence inhibition by a photonic structure. <i>Applied Physics Letters</i> , 1998, 73, 1781-1783.	3.3	150
16	Photonic Glasses: A Step Beyond White Paint. <i>Advanced Materials</i> , 2010, 22, 12-19.	21.0	148
17	Engineered Planar Defects Embedded in Opals. <i>Advanced Materials</i> , 2004, 16, 341-345.	21.0	143
18	Photonic Bandgap Engineering in Germanium Inverse Opals by Chemical Vapor Deposition. <i>Advanced Materials</i> , 2001, 13, 1634-1637.	21.0	131

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19	Rayleigh-wave attenuation by a semi-infinite two-dimensional elastic-band-gap crystal. <i>Physical Review B</i> , 1999, 59, 12169-12172.	3.2	118
20	Synthesis and Photonic Bandgap Characterization of Polymer Inverse Opals. <i>Advanced Materials</i> , 2001, 13, 393-396.	21.0	101
21	Synthesis of inverse opals. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2002, 202, 281-290.	4.7	100
22	Refractive Index Properties of Calcined Silica Submicrometer Spheres. <i>Langmuir</i> , 2002, 18, 1942-1944.	3.5	96
23	Optical diffraction and high-energy features in three-dimensional photonic crystals. <i>Physical Review B</i> , 2005, 71, .	3.2	96
24	ZnO Inverse Opals by Chemical Vapor Deposition. <i>Advanced Materials</i> , 2005, 17, 2761-2765.	21.0	94
25	Bragg diffraction from indium phosphide infilled fcc silica colloidal crystals. <i>Physical Review B</i> , 1999, 59, 1563-1566.	3.2	93
26	Germanium FCC Structure from a Colloidal Crystal Template. <i>Langmuir</i> , 2000, 16, 4405-4408.	3.5	87
27	Synthetic Opals Based on Silica-Coated Gold Nanoparticles. <i>Langmuir</i> , 2002, 18, 4519-4522.	3.5	87
28	A Self-Assembled 2D Thermofunctional Material for Radiative Cooling. <i>Small</i> , 2019, 15, e1905290.	10.0	83
29	Enhancement and Directionality of Spontaneous Emission in Hybrid Self-Assembled Photonic-Plasmonic Crystals. <i>Small</i> , 2010, 6, 1757-1761.	10.0	78
30	Photonic crystal made by close packing SiO ₂ submicron spheres. <i>Superlattices and Microstructures</i> , 1997, 22, 399-404.	3.1	73
31	High-energy optical response of artificial opals. <i>Physical Review B</i> , 2004, 70, .	3.2	73
32	Observation of Resonant Behavior in the Energy Velocity of Diffused Light. <i>Physical Review Letters</i> , 2007, 99, 233902.	7.8	73
33	Photonic Band Engineering in Opals by Growth of Si/Ge Multilayer Shells. <i>Advanced Materials</i> , 2003, 15, 788-792.	21.0	72
34	Shape Memory Cellulose-Based Photonic Reflectors. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 31935-31940.	8.0	68
35	Experimental evidence of polarization dependence in the optical response of opal-based photonic crystals. <i>Applied Physics Letters</i> , 2003, 82, 4068-4070.	3.3	67
36	Active subnanometer spectral control of a random laser. <i>Applied Physics Letters</i> , 2013, 102, .	3.3	64

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37	Edward-Wilkinson Behavior of Crystal Surfaces Grown By Sedimentation of SiO ₂ Nanospheres. Physical Review Letters, 1996, 77, 4572-4575.	7.8	62
38	Resonant light transport through Mie modes in photonic glasses. Physical Review A, 2008, 78, .	2.5	62
39	Light confinement by two-dimensional arrays of dielectric spheres. Physical Review B, 2012, 85, .	3.2	62
40	Opal-like photonic crystal with diamond lattice. Applied Physics Letters, 2001, 79, 2309-2311.	3.3	59
41	High-Energy Photonic Bandgap in Sb ₂ S ₃ Inverse Opals by Sulfidation Processing. Advanced Materials, 2003, 15, 319-323.	21.0	58
42	Self-assembly approach to optical metamaterials. Journal of Optics, 2005, 7, S244-S254.	1.5	56
43	Thermoresponsive Shape-Memory Photonic Nanostructures. Advanced Optical Materials, 2014, 2, 516-521.	7.3	56
44	Effective refractive index and group velocity determination of three-dimensional photonic crystals by means of white light interferometry. Physical Review B, 2006, 73, .	3.2	55
45	Optical and morphological study of disorder in opals. Journal of Applied Physics, 2005, 97, 063502.	2.5	53
46	Three-Dimensional Arrays Formed by Monodisperse TiO ₂ Coated on SiO ₂ Spheres. Journal of Colloid and Interface Science, 2000, 229, 6-11.	9.4	51
47	Three-dimensional photonic bandgap materials: semiconductors for light. Journal of Optics, 2006, 8, R1-R14.	1.5	51
48	Optical study of the full photonic band gap in silicon inverse opals. Applied Physics Letters, 2002, 81, 4925-4927.	3.3	49
49	Silicon Direct Opals. Advanced Materials, 2009, 21, 2899-2902.	21.0	47
50	Stacking patterns in self-assembly opal photonic crystals. Applied Physics Letters, 2007, 90, 161131.	3.3	46
51	High Degree of Optical Tunability of Self-Assembled Photonic-Plasmonic Crystals by Filling Fraction Modification. Advanced Functional Materials, 2010, 20, 4338-4343.	14.9	45
52	Photonic crystals with controlled disorder. Physical Review A, 2011, 84, .	2.5	45
53	Template-Free, Surfactant-Mediated Orientation of Self-Assembled Supercrystals of Metal-Organic Framework Particles. Small, 2019, 15, e1902520.	10.0	41
54	Photonic band gap properties of CdS-in-opal systems. Applied Physics Letters, 2001, 78, 3181-3183.	3.3	40

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55	Random laser tailored by directional stimulated emission. <i>Physical Review A</i> , 2012, 85, .	2.5	39
56	Antimony Trisulfide Inverted Opals: Growth, Characterization, and Photonic Properties. <i>Advanced Materials</i> , 2002, 14, 1486-1490.	21.0	38
57	Strong dispersive effects in the light-scattering mean free path in photonic gaps. <i>Physical Review B</i> , 2009, 79, .	3.2	36
58	Optical gain in DNA-DCM for lasing in photonic materials. <i>Optics Letters</i> , 2009, 34, 3764.	3.3	36
59	BaMgF ₄ : An Ultra-Transparent Two-Dimensional Nonlinear Photonic Crystal with Strong $\chi^{(3)}$ Response in the UV Spectral Region. <i>Advanced Functional Materials</i> , 2014, 24, 1509-1518.	14.9	36
60	Formation of Zinc Inverted Opals on Indium Tin Oxide and Silicon Substrates by Electrochemical Deposition. <i>Journal of Physical Chemistry B</i> , 2004, 108, 16708-16712.	2.6	34
61	Water-Dependent Photonic Bandgap in Silica Artificial Opals. <i>Small</i> , 2011, 7, 1838-1845.	10.0	33
62	Switching and amplification in disordered lasing resonators. <i>Nature Communications</i> , 2013, 4, 1740.	12.8	33
63	Large fluctuations at the lasing threshold of solid- and liquid-state dye lasers. <i>Scientific Reports</i> , 2016, 6, 32134.	3.3	33
64	Decoupling gain and feedback in coherent random lasers: experiments and simulations. <i>Scientific Reports</i> , 2015, 5, 16848.	3.3	32
65	Random Lasing at Localization Transition in a Colloidal Suspension (TiO ₂ @Silica). <i>ACS Omega</i> , 2017, 2, 2415-2421.	3.5	31
66	Electrically driven random lasing from a modified Fabry-Pérot laser diode. <i>Nature Photonics</i> , 2022, 16, 219-225.	31.4	30
67	Low-temperature synthesis of Ge nanocrystals in zeolite Y. <i>Applied Physics Letters</i> , 1996, 69, 2347-2349.	3.3	29
68	Photonic crystals for laser action. <i>Optical Materials</i> , 1999, 13, 187-192.	3.6	29
69	Tunable degree of localization in random lasers with controlled interaction. <i>Applied Physics Letters</i> , 2012, 101, 051104.	3.3	29
70	Non-locality and collective emission in disordered lasing resonators. <i>Light: Science and Applications</i> , 2013, 2, e88-e88.	16.6	29
71	FRET-Tuned Resonant Random Lasing. <i>Journal of Physical Chemistry C</i> , 2014, 118, 9665-9669.	3.1	29
72	Quantum Dot Thin Layers Templated on ZnO Inverse Opals. <i>Advanced Materials</i> , 2006, 18, 2768-2772.	21.0	28

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73	Enhanced carrier densities and device performance in piezoelectric pseudomorphic high- κ electron mobility transistor structures. <i>Applied Physics Letters</i> , 1992, 61, 1072-1074.	3.3	27
74	Exploration and Exploitation of Water in Colloidal Crystals. <i>Advanced Materials</i> , 2015, 27, 2686-2714.	21.0	27
75	Seeded Synthesis of Monodisperse Core-Shell and Hollow Carbon Spheres. <i>Small</i> , 2016, 12, 4357-4362.	10.0	27
76	Interface studies of InAs/GaSb superlattices by Raman scattering. <i>Surface Science</i> , 1992, 267, 176-180.	1.9	26
77	Simultaneous generation of second to fifth harmonic conical beams in a two dimensional nonlinear photonic crystal. <i>Optics Express</i> , 2012, 20, 29940.	3.4	26
78	Large area resonant feedback random lasers based on dye-doped biopolymer films. <i>Optics Express</i> , 2015, 23, 29954.	3.4	26
79	Selective Formation of Inverted Opals by Electron-Beam Lithography. <i>Advanced Materials</i> , 2004, 16, 1732-1736.	21.0	25
80	Silicon Onion-Layer Nanostructures Arranged in Three Dimensions. <i>Advanced Materials</i> , 2006, 18, 1593-1597.	21.0	25
81	Slow to superluminal light waves in thin 3D photonic crystals. <i>Optics Express</i> , 2007, 15, 15342.	3.4	25
82	Water-Dependent Micromechanical and Rheological Properties of Silica Colloidal Crystals Studied by Nanoindentation. <i>Nano Letters</i> , 2012, 12, 4920-4924.	9.1	25
83	Protective Ligand Shells for Luminescent SiO ₂ -Coated Alloyed Semiconductor Nanocrystals. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 6935-6945.	8.0	25
84	Face centered cubic photonic bandgap materials based on opal-semiconductor composites. <i>Journal of Lightwave Technology</i> , 1999, 17, 1975-1981.	4.6	24
85	Studying Light Propagation in Self-Assembled Hybrid Photonic-Plasmonic Crystals by Fourier Microscopy. <i>Langmuir</i> , 2012, 28, 9174-9179.	3.5	24
86	Emission regimes of random lasers with spatially localized feedback. <i>Optics Express</i> , 2016, 24, 10912.	3.4	24
87	Dynamics of phase-locking random lasers. <i>Physical Review A</i> , 2013, 88, .	2.5	23
88	Photophysical Analysis of the Formation of Organic-Inorganic Trihalide Perovskite Films: Identification and Characterization of Crystal Nucleation and Growth. <i>Journal of Physical Chemistry C</i> , 2016, 120, 3071-3076.	3.1	23
89	Lasing optical cavities based on macroscopic scattering elements. <i>Scientific Reports</i> , 2017, 7, 40141.	3.3	23
90	Random lasing emission tailored by femtosecond and picosecond pulsed polymer ablation. <i>Optics Letters</i> , 2019, 44, 518.	3.3	23

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91	Tunable magneto-photonic response of nickel nanostructures. Applied Physics Letters, 2011, 99, .	3.3	22
92	Optical studies of highly strained InGaAs/GaAs quantum wells grown on vicinal surfaces. Journal of Applied Physics, 1997, 81, 3281-3289.	2.5	21
93	Magnetophotonic Response of Three-Dimensional Opals. ACS Nano, 2011, 5, 2957-2963.	14.6	21
94	Nanoscale Morphology of Water in Silica Colloidal Crystals. Journal of Physical Chemistry Letters, 2013, 4, 1136-1142.	4.6	21
95	High magnetic field studies of the crossed-gap superlattice system InAs/GaSb. Physica B: Condensed Matter, 1993, 184, 268-276.	2.7	20
96	Mie resonances to tailor random lasers. Physical Review A, 2009, 80, .	2.5	20
97	Three Regimes of Water Adsorption in Annealed Silica Opals and Optical Assessment. Langmuir, 2011, 27, 13992-13995.	3.5	20
98	The True Value of Disorder. Advanced Optical Materials, 2018, 6, 1800439.	7.3	20
99	Bare Silica Opals for Real-Time Humidity Sensing. Advanced Materials Technologies, 2019, 4, 1800493.	5.8	20
100	Double Raman resonances induced by a magnetic field in GaAs-AlAs multiple quantum wells. Physical Review B, 1991, 44, 1113-1117.	3.2	19
101	Atmospheric pressure MOCVD growth of crystalline InP in opals. Journal of Crystal Growth, 1998, 193, 9-15.	1.5	19
102	Tuning and optical study of the Γ^{X} and Γ^{L} photonic pseudogaps in opals. Applied Physics Letters, 2005, 87, 201109.	3.3	19
103	Vanadium dioxide thermochromic opals grown by chemical vapour deposition. Journal of Optics, 2008, 10, 125202.	1.5	19
104	Modification of the Natural Photonic Bandgap of Synthetic Opals via Infilling with Crystalline InP. Advanced Functional Materials, 2005, 15, 411-417.	14.9	18
105	In Situ Optical Study of Water Sorption in Silica Colloidal Crystals. Journal of Physical Chemistry C, 2012, 116, 18222-18229.	3.1	18
106	Networks of mutually coupled random lasers. Optica, 2021, 8, 193.	9.3	18
107	Synthesis and optical properties of CdS and Ge clusters in zeolite cages. Solid-State Electronics, 1996, 40, 641-645.	1.4	17
108	Light Emission from Nanocrystalline Si Inverse Opals and Controlled Passivation by Atomic Layer Deposited Al_2O_3 . Advanced Materials, 2011, 23, 5219-5223.	21.0	17

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109	Direct Measurement of Microporosity and Molecular Accessibility in StÅrber Spheres by Adsorption Isotherms. <i>Journal of Physical Chemistry C</i> , 2018, 122, 22008-22017.	3.1	17
110	Optical amplification enhancement in photonic crystals. <i>Physical Review A</i> , 2011, 83, .	2.5	16
111	Measurement of transport mean-free path of light in thin systems. <i>Optics Letters</i> , 2011, 36, 2824.	3.3	16
112	Piezoelectric effects in superlattices. <i>Semiconductor Science and Technology</i> , 1993, 8, S367-S372.	2.0	15
113	Origin of the Blue Shift Observed in Highly Strained (Ga, In)As Quantum Wells Grown on GaAs(001) Vicinal Surfaces. <i>Japanese Journal of Applied Physics</i> , 1995, 34, 3437-3441.	1.5	15
114	Random lasing in structures with multi-scale transport properties. <i>Applied Physics Letters</i> , 2012, 101, .	3.3	15
115	FRETâ€Mediated Amplified Spontaneous Emission in DNAâ€CTMA Complexes. <i>Advanced Optical Materials</i> , 2013, 1, 651-656.	7.3	15
116	Hierarchically Porous Carbon Photonic Structures. <i>Advanced Functional Materials</i> , 2018, 28, 1703885.	14.9	15
117	Two-dimensional elastic bandgap crystal to attenuate surface waves. <i>Journal of Lightwave Technology</i> , 1999, 17, 2196-2201.	4.6	14
118	Colloidal crystals and water: Perspectives on liquidâ€solid nanoscale phenomena in wet particulate media. <i>Advances in Colloid and Interface Science</i> , 2016, 234, 142-160.	14.7	14
119	Photonic crystal microprisms obtained by carving artificial opals. <i>Journal of Applied Physics</i> , 2003, 93, 671-674.	2.5	13
120	Facile route to magnetophotonic crystals by infiltration of 3D inverse opals with magnetic nanoparticles. <i>Journal of Magnetism and Magnetic Materials</i> , 2010, 322, 1494-1496.	2.3	13
121	Tunable Visual Detection of Dew by Bare Artificial Opals. <i>Advanced Functional Materials</i> , 2018, 28, 1800591.	14.9	13
122	Ultrathin conformal coating for complex magneto-photonic structures. <i>Nanoscale</i> , 2011, 3, 4811.	5.6	12
123	Qualitative and Quantitative Analysis of Crystallographic Defects Present in 2D Colloidal Sphere Arrays. <i>Langmuir</i> , 2012, 28, 161-167.	3.5	12
124	Random Lasing in Novel Dyeâ€Doped White Paints with Shape Memory. <i>Advanced Optical Materials</i> , 2015, 3, 1080-1087.	7.3	12
125	Monodisperse Silica Spheres Ensembles with Tailored Optical Resonances in the Visible. <i>Particle and Particle Systems Characterization</i> , 2016, 33, 871-877.	2.3	12
126	Microporosity Quantification via NMR Relaxometry. <i>Journal of Physical Chemistry C</i> , 2019, 123, 30486-30491.	3.1	12

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127	Large area metasurfaces made with spherical silicon resonators. <i>Nanophotonics</i> , 2020, 9, 943-951.	6.0	12
128	Natural birefringence in alkali halide single crystals. <i>Physical Review B</i> , 1986, 33, 4283-4288.	3.2	11
129	Nanostructuring of Azomolecules in Silica Artificial Opals for Enhanced Photoalignment. <i>Advanced Functional Materials</i> , 2011, 21, 4109-4119.	14.9	11
130	Imbibition and dewetting of silica colloidal crystals: An NMR relaxometry study. <i>Journal of Colloid and Interface Science</i> , 2020, 561, 741-748.	9.4	11
131	Simulations of micro-sphere/shell 2D silica photonic crystals for radiative cooling. <i>Optics Express</i> , 2021, 29, 16857.	3.4	11
132	Small Colorful Ribbons for Nanoscience. <i>Small</i> , 2005, 1, 378-380.	10.0	10
133	Photoinduced Local Heating in Silica Photonic Crystals for Fast and Reversible Switching. <i>Advanced Materials</i> , 2012, 24, 6204-6209.	21.0	10
134	3D photonic crystals from highly monodisperse FRET-based red luminescent PMMA spheres. <i>Journal of Materials Chemistry C</i> , 2015, 3, 3999-4006.	5.5	10
135	Optical study of Γ -L high energy photonic pseudogaps in ZnO inverted opals. <i>Journal of Applied Physics</i> , 2006, 99, 046103.	2.5	9
136	A little disorder is just right. <i>Nature Physics</i> , 2008, 4, 755-756.	16.7	9
137	One-Step-Process Composite Colloidal Monolayers and Further Processing Aiming at Porous Membranes. <i>Langmuir</i> , 2012, 28, 13172-13180.	3.5	9
138	Electrodeposition and optical properties of silver infiltrated photonic nanostructures. <i>Materials Letters</i> , 2008, 62, 2677-2680.	2.6	8
139	From Bloch to random lasing in ZnO self-assembled nanostructures. <i>Journal of Materials Chemistry C</i> , 2013, 1, 7357.	5.5	8
140	Micropore Filling and Multilayer Formation in St \ddot{A} uber Spheres upon Water Adsorption. <i>Journal of Physical Chemistry C</i> , 2020, 124, 20922-20930.	3.1	8
141	Silicon onion-layer periodic three dimensional nanostructures. <i>Journal of Materials Chemistry</i> , 2006, 16, 2969-2971.	6.7	7
142	Optical response of artificial opals oriented along the Γ -X direction. <i>Applied Physics Letters</i> , 2007, 90, 231112.	3.3	7
143	Tunable emission in dye-doped truxene-based organogels through RET. <i>Journal of Materials Chemistry C</i> , 2015, 3, 5764-5768.	5.5	7
144	Engineering the Light Transport Mean Free Path in Silica Photonic Glasses. <i>Particle and Particle Systems Characterization</i> , 2016, 33, 352-357.	2.3	6

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145	Unexpected Optical Blue Shift in Large Colloidal Quantum Dots by Anionic Migration and Exchange. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 3124-3130.	4.6	6
146	Terrace length commensurability and surface reconstruction in highly strained InGaAs/GaAs quantum wells grown on vicinal substrates. <i>Superlattices and Microstructures</i> , 1994, 15, 155.	3.1	5
147	Ultrabroadband generation of multiple concurrent nonlinear coherent interactions in random quadratic media. <i>Applied Physics Letters</i> , 2013, 103, 101101.	3.3	5
148	New poly(phenylenevinylene)-methyl methacrylate-based photonic crystals. <i>Journal of Polymer Science Part A</i> , 2010, 48, 2659-2665.	2.3	4
149	Colloidal photonic crystals formation studied by real-time light diffraction. <i>Nanophotonics</i> , 2022, 11, 3257-3267.	6.0	4
150	Photonic band gap properties of GaP opals with a new topology. <i>Applied Physics B: Lasers and Optics</i> , 2005, 81, 205-208.	2.2	3
151	Opals for Photonic Band-Gap Applications. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2006, 12, 1143-1150.	2.9	3
152	Optical anisotropy of synthetic opals. <i>Photonics and Nanostructures - Fundamentals and Applications</i> , 2011, 9, 82-90.	2.0	3
153	Study of electric field effects on the electronic structure of quantum wells by resonant Raman scattering. <i>Surface Science</i> , 1988, 196, 578-583.	1.9	2
154	Silicon Photonic Crystals. <i>Optics and Photonics News</i> , 2009, 20, 28.	0.5	2
155	Silicon-Based Photonic Architectures from Hierarchically Porous Carbon Opals. <i>Particle and Particle Systems Characterization</i> , 2020, 37, 1900396.	2.3	2
156	Vacancies in Self-Assembled Crystals: An Archetype for Clusters Statistics at the Nanoscale. <i>Small</i> , 2020, 16, e2002735.	10.0	2
157	Photonic slab heterostructures based on opals. , 2004, 5450, 1.		1
158	In-depth study of the pseudogap in artificial opals. , 2004, , .		1
159	Organic Opals: Properties and Applications. , 2015, , 31-55.		1
160	Spectral Characterization of Transverse Modes in Random Lasers. , 2019, , .		1
161	Electronic localisation and stress inhomogeneity: from quantum wells to coupled quantum wires and dots. <i>Materials Science and Technology</i> , 1995, 11, 835-839.	1.6	0
162	Growth of amorphous Si/Ge multilayer shells in opals. , 2004, 5450, 23.		0

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163	Optical and morphological study of compound polymer opals. , 2004, , .		0
164	Photonic Crystals: Silicon Direct Opals (Adv. Mater. 28/2009). Advanced Materials, 2009, 21, NA-NA.	21.0	0
165	Random lasers ensnared. Proceedings of SPIE, 2012, , .	0.8	0
166	Random lasers driven by engineered pumping. , 2013, , .		0
167	Single and collective mode behaviour in random lasers. , 2014, , .		0
168	Shape-memory effect for self-healing and biodegradable photonic systems. , 2014, , .		0
169	Modes structure and interaction in random lasers. , 0, , 54-79.		0
170	Tailoring Random Lasing Emission by Pulsed Polymer Ablation. , 2019, , .		0
171	Goodbye Juan Jos� S�enz (1960�2020): A Bright Scientific Mind, an Unusually Prolific Friend, and a Family Man. ACS Photonics, 2020, 7, 1078-1079.	6.6	0
172	Mutually coupled random lasers in complex photonic networks. , 2021, , .		0
173	Emergence of Ring�Shaped Microstructures in Restricted Geometries Containing Self�Propelled, Catalytic Janus Spheres. ChemNanoMat, 2021, 7, 1125.	2.8	0
174	Optical Spectroscopy of Real Three-Dimensional Self-Assembled Photonic Crystals. Series in Optics and Optoelectronics, 2012, , 197-212.	0.0	0
175	Photonic Glasses. Series in Optics and Optoelectronics, 2012, , 213-226.	0.0	0
176	Molding the Flow of Light in Disordered Active Nanostructures. , 2013, , .		0