Silvia Vignolini

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.

129
papers5,348
citations38
h-index70
g-index157
ext. papers6,573
ext. citations10.8
avg, IF5.97
L-index

#	Paper	IF	Citations
129	Fast Self-Assembly of Scalable Photonic Cellulose Nanocrystal and Hybrid Films via Electrophoresis <i>Advanced Materials</i> , 2022 , e2109170	24	2
128	Highly-Scattering Cellulose-Based Films for Radiative Cooling Advanced Science, 2022, e2104758	13.6	8
127	Modeling the cholesteric pitch of apolar cellulose nanocrystal suspensions using a chiral hard-bundle model <i>Journal of Chemical Physics</i> , 2022 , 156, 014904	3.9	4
126	PyLlama: A stable and versatile Python toolkit for the electromagnetic modelling of multilayered anisotropic media. <i>Computer Physics Communications</i> , 2022 , 273, 108256	4.2	1
125	3D-printed hierarchical pillar array electrodes for high-performance semi-artificial photosynthesis <i>Nature Materials</i> , 2022 ,	27	3
124	The Limited Palette for Photonic Block-Copolymer Materials: A Historical Problem or a Practical Limitation?. <i>Angewandte Chemie - International Edition</i> , 2022 , e202117275	16.4	1
123	Chiral self-assembly of cellulose nanocrystals is driven by crystallite bundles <i>Nature Communications</i> , 2022 , 13, 2657	17.4	6
122	Large-scale fabrication of structurally coloured cellulose nanocrystal films and effect pigments. <i>Nature Materials</i> , 2021 ,	27	23
121	Microcavity-like exciton-polaritons can be the primary photoexcitation in bare organic semiconductors. <i>Nature Communications</i> , 2021 , 12, 6519	17.4	5
120	Light Management with Natural Materials: From Whiteness to Transparency. <i>Advanced Materials</i> , 2021 , 33, e2001215	24	32
119	Using structural colour to track length scale of cell-wall layers in developing Pollia japonica fruits. <i>New Phytologist</i> , 2021 , 230, 2327-2336	9.8	1
118	Mechanochromic, Structurally Colored, and Edible Hydrogels Prepared from Hydroxypropyl Cellulose and Gelatin. <i>Advanced Materials</i> , 2021 , 33, e2102112	24	12
117	FullyPrinted Flexible Plasmonic Metafilms with Directional Color Dynamics. <i>Advanced Science</i> , 2021 , 8, 2002419	13.6	6
116	Does Structural Color Exist in True Fungi?. Journal of Fungi (Basel, Switzerland), 2021, 7,	5.6	1
115	Synthetic algal-bacteria consortia for space-efficient microalgal growth in a simple hydrogel system. <i>Journal of Applied Phycology</i> , 2021 , 33, 2805-2815	3.2	2
114	Effect of thermal treatments on chiral nematic cellulose nanocrystal films. <i>Carbohydrate Polymers</i> , 2021 , 272, 118404	10.3	1
113	Anisotropic silica colloids for light scattering. <i>Journal of Materials Chemistry C</i> , 2021 , 9, 2695-2700	7.1	6

(2019-2021)

112	Cell wall composition determines handedness reversal in helicoidal cellulose architectures of fruits <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	1
111	Protocol for Extraction and Electron Microscopy Visualization of Lipids in Fruit Using Cryo-Ultramicrotomy. <i>STAR Protocols</i> , 2020 , 1, 100201	1.4	O
110	Hereditary Character of Photonics Structure in Pachyrhynchus sarcitis Weevils: Color Changes via One Generation Hybridization. <i>Advanced Optical Materials</i> , 2020 , 8, 2000432	8.1	4
109	Complex photonic response reveals three-dimensional self-organization of structural coloured bacterial colonies. <i>Journal of the Royal Society Interface</i> , 2020 , 17, 20200196	4.1	9
108	Plant-Inspired PolyaleuritateNanocellulose Composite Photonic Films. <i>ACS Applied Polymer Materials</i> , 2020 , 2, 1528-1534	4.3	6
107	Disordered wax platelets on leaves create golden shine. <i>Faraday Discussions</i> , 2020 , 223, 207-215	3.6	6
106	Nanotechnology in a shrimp eyeld view. <i>Nature Nanotechnology</i> , 2020 , 15, 87-88	28.7	2
105	Retrieving the Coassembly Pathway of Composite Cellulose Nanocrystal Photonic Films from their Angular Optical Response. <i>Advanced Materials</i> , 2020 , 32, e1906889	24	20
104	Cellulose Nanocrystal-Templated Tin Dioxide Thin Films for Gas Sensing. <i>ACS Applied Materials & Materials (ACS Applied Materials ACS Applied Materials ACS Applied Materials ACS Applied Materials (ACS Applied Materials ACS Applied Materials ACS Applied Materials ACS Applied Materials (ACS Applied Materials ACS Applied Materials ACS Applied Materials ACS Applied Materials (ACS Applied Materials ACS Applied Materials ACS Applied Materials ACS Applied Materials (ACS Applied Materials ACS ACS ACS APPLIED ACS ACS APPLIED ACS ACS APPLIED ACS ACS APPLIED ACS ACS ACS APPLIED ACS ACS ACS ACS ACS ACS ACS ACS ACS ACS</i>	9.5	13
103	Optics and photonics in nature: general discussion. <i>Faraday Discussions</i> , 2020 , 223, 107-124	3.6	
102	Angular-Independent Photonic Pigments via the Controlled Micellization of Amphiphilic Bottlebrush Block Copolymers. <i>Advanced Materials</i> , 2020 , 32, e2002681	24	36
101	Viburnum tinus Fruits Use Lipids to Produce Metallic Blue Structural Color. <i>Current Biology</i> , 2020 , 30, 3804-3810.e2	6.3	8
100	Hyperspectral Imaging of Photonic Cellulose Nanocrystal Films: Structure of Local Defects and Implications for Self-Assembly Pathways. <i>ACS Nano</i> , 2020 , 14, 15361-15373	16.7	13
99	A heterogeneous microbial consortium producing short-chain fatty acids from lignocellulose. <i>Science</i> , 2020 , 369,	33.3	53
98	The limitations of extending natures color palette in correlated, disordered systems. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 23345-23349	11.5	24
97	Bionic 3D printed corals. <i>Nature Communications</i> , 2020 , 11, 1748	17.4	32
96			0
	Cellulose, so much more than paper. <i>Nature Photonics</i> , 2019 , 13, 365-367	33.9	38

94	Controlling the Self-Assembly Behavior of Aqueous Chitin Nanocrystal Suspensions. <i>Biomacromolecules</i> , 2019 , 20, 2830-2838	6.9	26
93	Scalable electrochromic nanopixels using plasmonics. <i>Science Advances</i> , 2019 , 5, eaaw2205	14.3	83
92	Living light: optics, ecology and design principles of natural photonic structures. <i>Interface Focus</i> , 2019 , 9, 20180071	3.9	1
91	Coherent backscattering of light by an anisotropic biological network. <i>Interface Focus</i> , 2019 , 9, 201800	50 .9	18
90	Structural colours in the frond of. <i>Interface Focus</i> , 2019 , 9, 20180055	3.9	8
89	Coupled Photonic Crystal Nanocavities as a Tool to Tailor and Control Photon Emission. <i>Ceramics</i> , 2019 , 2, 34-55	1.7	1
88	Enhancing Photoluminescence and Mobilities in WS Monolayers with Oleic Acid Ligands. <i>Nano Letters</i> , 2019 , 19, 6299-6307	11.5	48
87	Long-Wavelength Reflecting Filters Found in the Larval Retinas of One Mantis Shrimp Family (Nannosquillidae). <i>Current Biology</i> , 2019 , 29, 3101-3108.e4	6.3	9
86	Role of Anisotropy and Refractive Index in Scattering and Whiteness Optimization. <i>Advanced Optical Materials</i> , 2019 , 7, 1900980	8.1	19
85	The angular optical response of cellulose nanocrystal films explained by the distortion of the arrested suspension upon drying. <i>Physical Review Materials</i> , 2019 , 3,	3.2	27
84	Visual Appearance of Chiral Nematic Cellulose-Based Photonic Films: Angular and Polarization Independent Color Response with a Twist. <i>Advanced Materials</i> , 2019 , 31, e1905151	24	30
83	A Storable Mediatorless Electrochemical Biosensor for Herbicide Detection. <i>Microorganisms</i> , 2019 , 7,	4.9	10
82	Hierarchical Photonic Pigments via the Confined Self-Assembly of Bottlebrush Block Copolymers. <i>ACS Nano</i> , 2019 , 13, 1764-1771	16.7	71
81	Printing of Responsive Photonic Cellulose Nanocrystal Microfilm Arrays. <i>Advanced Functional Materials</i> , 2019 , 29, 1804531	15.6	66
80	Genetic manipulation of structural color in bacterial colonies. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, 2652-2657	11.5	23
79	Bio-inspired Highly Scattering Networks via Polymer Phase Separation. <i>Advanced Functional Materials</i> , 2018 , 28, 1706901	15.6	44
78	Block Copolymer Micelles for Photonic Fluids and Crystals. ACS Nano, 2018, 12, 3149-3158	16.7	28
77	Photonic Resins: Designing Optical Appearance via Block Copolymer Self-Assembly. <i>Macromolecules</i> , 2018 , 51, 2395-2400	5.5	39

(2016-2018)

Anomalous-Diffusion-Assisted Brightness in White Cellulose Nanofibril Membranes. <i>Advanced Materials</i> , 2018 , 30, e1704050	24	61
Evolutionary-Optimized Photonic Network Structure in White Beetle Wing Scales. <i>Advanced Materials</i> , 2018 , 30, e1702057	24	61
Ultrastructure and optics of the prism-like petal epidermal cells of Eschscholzia californica (California poppy). <i>New Phytologist</i> , 2018 , 219, 1124-1133	9.8	15
The Self-Assembly of Cellulose Nanocrystals: Hierarchical Design of Visual Appearance. <i>Advanced Materials</i> , 2018 , 30, e1704477	24	240
Roll-to-roll fabrication of touch-responsive cellulose photonic laminates. <i>Nature Communications</i> , 2018 , 9, 4632	17.4	60
Unexpected stability of aqueous dispersions of raspberry-like colloids. <i>Nature Communications</i> , 2018 , 9, 3614	17.4	35
Disordered Cellulose-Based Nanostructures for Enhanced Light Scattering. <i>ACS Applied Materials & Amp; Interfaces</i> , 2017 , 9, 7885-7890	9.5	33
Controlling the Photonic Properties of Cholesteric Cellulose Nanocrystal Films with Magnets. <i>Advanced Materials</i> , 2017 , 29, 1701469	24	117
Disorder in convergent floral nanostructures enhances signalling to bees. <i>Nature</i> , 2017 , 550, 469-474	50.4	73
Development of structural colour in leaf beetles. <i>Scientific Reports</i> , 2017 , 7, 1373	4.9	21
Scalable and controlled self-assembly of aluminum-based random plasmonic metasurfaces. <i>Light: Science and Applications</i> , 2017 , 6, e17015	16.7	33
Structural Color in Marine Algae. Advanced Optical Materials, 2017, 5, 1600646	8.1	25
Photonics in Nature: From Order to Disorder. <i>Biologically-inspired Systems</i> , 2017 , 53-89	0.7	10
Hierarchical Self-Assembly of Cellulose Nanocrystals in a Confined Geometry. ACS Nano, 2016, 10, 8443	3-9 6.7	122
Biocompatible and Sustainable Optical Strain Sensors for Large-Area Applications. <i>Advanced Optical Materials</i> , 2016 , 4, 1950-1954	8.1	65
Flexible Photonic Cellulose Nanocrystal Films. <i>Advanced Materials</i> , 2016 , 28, 10042-10047	24	153
Shape Memory Cellulose-Based Photonic Reflectors. <i>ACS Applied Materials & Description</i> (1997) 8, 31935-31940	9.5	54
Colour formation on the wings of the butterfly Hypolimnas salmacis by scale stacking. <i>Scientific Reports</i> , 2016 , 6, 36204	4.9	27
	Evolutionary-Optimized Photonic Network Structure in White Beetle Wing Scales. Advanced Materials, 2018, 30, e1702057 Ultrastructure and optics of the prism-like petal epidermal cells of Eschscholzia californica (California poppy). New Phytologist, 2018, 219, 1124-1133 The Self-Assembly of Cellulose Nanocrystals: Hierarchical Design of Visual Appearance. Advanced Materials, 2018, 30, e1704477 Roll-to-roll fabrication of touch-responsive cellulose photonic laminates. Nature Communications, 2018, 9, 4632 Unexpected stability of aqueous dispersions of raspberry-like colloids. Nature Communications, 2018, 9, 3614 Disordered Cellulose-Based Nanostructures for Enhanced Light Scattering. ACS Applied Materials & Aamp: Interfaces, 2017, 9, 7885-7890 Controlling the Photonic Properties of Cholesteric Cellulose Nanocrystal Films with Magnets. Advanced Materials, 2017, 29, 1701469 Disorder in convergent floral nanostructures enhances signalling to bees. Nature, 2017, 550, 469-474 Development of structural colour in leaf beetles. Scientific Reports, 2017, 7, 1373 Scalable and controlled self-assembly of aluminum-based random plasmonic metasurfaces. Light: Science and Applications, 2017, 6, e17015 Structural Color in Marine Algae. Advanced Optical Materials, 2017, 5, 1600646 Photonics in Nature: From Order to Disorder. Biologically-inspired Systems, 2017, 53-89 Hierarchical Self-Assembly of Cellulose Nanocrystals in a Confined Geometry. ACS Nano, 2016, 10, 8443 Biocompatible and Sustainable Optical Strain Sensors for Large-Area Applications. Advanced Optical Materials, 2016, 4, 1950-1954 Flexible Photonic Cellulose Nanocrystal Films. Advanced Materials, 2016, 28, 10042-10047 Shape Memory Cellulose-Based Photonic Reflectors. ACS Applied Materials & Samp; Interfaces, 2016, 8, 31935-31940 Colour formation on the wings of the butterfly Hypolimnas salmacis by scale stacking. Scientific	Evolutionary-Optimized Photonic Network Structure in White Beetle Wing Scales. Advanced Materials, 2018, 30, e1702057 24 Ultrastructure and optics of the prism-like petal epidermal cells of Eschscholzia californica (California poppy). New Phytologist, 2018, 219, 1124-1133 The Self-Assembly of Cellulose Nanocrystals: Hierarchical Design of Visual Appearance. Advanced Materials, 2018, 30, e1704477 Roll-to-roll fabrication of touch-responsive cellulose photonic laminates. Nature Communications, 2018, 9, 4632 Unexpected stability of aqueous dispersions of raspberry-like colloids. Nature Communications, 2018, 9, 3614 Disordered Cellulose-Based Nanostructures for Enhanced Light Scattering. ACS Applied Materials & Amp. Interfaces, 2017, 9, 7885-7890 Controlling the Photonic Properties of Cholesteric Cellulose Nanocrystal Films with Magnets. Advanced Materials, 2017, 29, 1701469 Disorder in convergent floral nanostructures enhances signalling to bees. Nature, 2017, 550, 469-474 50-4 Development of structural colour in leaf beetles. Scientific Reports, 2017, 7, 1373 4-9 Scalable and controlled self-assembly of aluminum-based random plasmonic metasurfaces. Light: Science and Applications, 2017, 6, e17015 Structural Color in Marine Algae. Advanced Optical Materials, 2017, 5, 1600646 8.1 Photonics in Nature: From Order to Disorder. Biologically-inspired Systems, 2017, 53-89 0.7 Hierarchical Self-Assembly of Cellulose Nanocrystals in a Confined Geometry. ACS Nano, 2016, 10, 8443-26.7 Biocompatible and Sustainable Optical Strain Sensors for Large-Area Applications. Advanced Optical Materials, 2016, 4, 1950-1954 Flexible Photonic Cellulose-Based Photonic Reflectors. ACS Applied Materials & Samp; Interfaces, 2016, 8, 31935-31940 Colour formation on the wings of the butterfly Hypolimnas salmads by scale stacking. Scientific

58	Chapter 17:Bio-mimetic Structural Colour using Biopolymers. RSC Polymer Chemistry Series, 2016, 555-	585 3	3
57	Structural colour from helicoidal cell-wall architecture in fruits of. <i>Journal of the Royal Society Interface</i> , 2016 , 13,	4.1	41
56	Block copolymer self-assembly for nanophotonics. <i>Chemical Society Reviews</i> , 2015 , 44, 5076-91	58.5	248
55	Is floral iridescence a biologically relevant cue in plant-pollinator signalling? A response to van der Kooi et組. (2014b). <i>New Phytologist</i> , 2015 , 205, 21-2	9.8	7
54	Optical Properties of Gyroid Structured Materials: From Photonic Crystals to Metamaterials. <i>Advanced Optical Materials</i> , 2015 , 3, 12-32	8.1	169
53	The flower of Hibiscus trionum is both visibly and measurably iridescent. <i>New Phytologist</i> , 2015 , 205, 97-101	9.8	73
52	A high transmission wave-guide wire network made by self-assembly. <i>Nanoscale</i> , 2015 , 7, 1032-6	7.7	9
51	Anisotropic Light Transport in White Beetle Scales. <i>Advanced Optical Materials</i> , 2015 , 3, 1337-1341	8.1	46
50	Light Transport: Anisotropic Light Transport in White Beetle Scales (Advanced Optical Materials 10/2015). <i>Advanced Optical Materials</i> , 2015 , 3, 1336-1336	8.1	1
49	Structural colour in Chondrus crispus. <i>Scientific Reports</i> , 2015 , 5, 11645	4.9	18
48	Engineering of light confinement in strongly scattering disordered media. <i>Nature Materials</i> , 2014 , 13, 720-5	27	80
47	Light-Directed Writing of Chemically Tunable Narrow-Band Holographic Sensors. <i>Advanced Optical Materials</i> , 2014 , 2, 250-254	8.1	98
46	Bright-white beetle scales optimise multiple scattering of light. Scientific Reports, 2014, 4, 6075	4.9	123
45	Digital color in cellulose nanocrystal films. ACS Applied Materials & Interfaces, 2014, 6, 12302-6	9.5	177
44	Ultrafast Nonlinear Response of Gold Gyroid Three-Dimensional Metamaterials. <i>Physical Review Applied</i> , 2014 , 2,	4.3	27
43	Controlled, Bio-inspired Self-Assembly of Cellulose-Based Chiral Reflectors. <i>Advanced Optical Materials</i> , 2014 , 2, 646-650	8.1	134
42	Natural Helicoidal Structures: Morphology, Self-assembly and Optical Properties. <i>Materials Today: Proceedings</i> , 2014 , 1, 177-185	1.4	84
41	Tunable 3D extended self-assembled gold metamaterials with enhanced light transmission. <i>Advanced Materials</i> , 2013 , 25, 2713-6	24	76

(2011-2013)

40	Structural Color and Iridescence in Transparent Sheared Cellulosic Films. <i>Macromolecular Chemistry and Physics</i> , 2013 , 214, 25-32	2.6	71
39	The influence of pigmentation patterning on bumblebee foraging from flowers of Antirrhinum majus. <i>Die Naturwissenschaften</i> , 2013 , 100, 249-56	2	13
38	Hierarchical Orientation of Crystallinity by Block-Copolymer Patterning and Alignment in an Electric Field. <i>Chemistry of Materials</i> , 2013 , 25, 1063-1070	9.6	24
37	Buckling as an origin of ordered cuticular patterns in flower petals. <i>Journal of the Royal Society Interface</i> , 2013 , 10, 20120847	4.1	31
36	Analysing photonic structures in plants. Journal of the Royal Society Interface, 2013, 10, 20130394	4.1	133
35	Simultaneous near field imaging of electric and magnetic field in photonic crystal nanocavities. <i>Photonics and Nanostructures - Fundamentals and Applications</i> , 2012 , 10, 251-255	2.6	1
34	Ideal homoatomic and heteroatomic photonic crystal molecules. <i>Photonics and Nanostructures - Fundamentals and Applications</i> , 2012 , 10, 271-275	2.6	
33	A 3D optical metamaterial made by self-assembly. <i>Advanced Materials</i> , 2012 , 24, OP23-7	24	245
32	The mirror crackld: both pigment and structure contribute to the glossy blue appearance of the mirror orchid, Ophrys speculum. <i>New Phytologist</i> , 2012 , 196, 1038-1047	9.8	34
31	Biomimetic layer-by-layer assembly of artificial nacre. <i>Nature Communications</i> , 2012 , 3, 966	17.4	264
30	Directional scattering from the glossy flower of Ranunculus: how the buttercup lights up your chin. <i>Journal of the Royal Society Interface</i> , 2012 , 9, 1295-301	4.1	29
29	Enhanced downconversion of UV light by resonant scattering of aluminum nanoparticles. <i>Optics Letters</i> , 2012 , 37, 368-70	3	12
28	Post-fabrication control of evanescent tunnelling in photonic crystal molecules. <i>Applied Physics Letters</i> , 2012 , 101, 211108	3.4	17
27	Pointillist structural color in Pollia fruit. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 15712-5	11.5	369
27 26		11.5 3.4	369 25
	United States of America, 2012, 109, 15712-5 Mode tuning of photonic crystal nanocavities by photoinduced non-thermal oxidation. Applied	3.4	
26	United States of America, 2012, 109, 15712-5 Mode tuning of photonic crystal nanocavities by photoinduced non-thermal oxidation. Applied Physics Letters, 2012, 100, 033116 Reply to Roberts et al.: Reflectivity and pointillist structural color on land and in water. Proceedings	3.4	25

22	Youngly type interference for probing the mode symmetry in photonic structures. <i>Physical Review Letters</i> , 2011 , 106, 143901	7.4	23
21	Interplay of index contrast with periodicity in polymer photonic crystals. <i>Applied Physics Letters</i> , 2011 , 99, 261913	3.4	19
20	Nanofluidic control of coupled photonic crystal resonators. <i>Applied Physics Letters</i> , 2010 , 96, 141114	3.4	22
19	Mode hybridization in photonic crystal molecules. <i>Applied Physics Letters</i> , 2010 , 97, 063101	3.4	18
18	Near field mapping of coupled photonic crystal microcavities. <i>Journal of Physics: Conference Series</i> , 2010 , 210, 012059	0.3	
17	Observation of vortices and field correlations in the near-field speckle of a three-dimensional photonic crystal. <i>Optics Letters</i> , 2010 , 35, 2001-3	3	5
16	Magnetic imaging in photonic crystal microcavities. <i>Physical Review Letters</i> , 2010 , 105, 123902	7.4	43
15	Experimental mapping of the spatial and angular emission patterns in photonic crystal microcavities. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2010 , 42, 1148-1150	3	1
14	Sub-wavelength probing and modification of photonic crystal nano-cavities. <i>Photonics and Nanostructures - Fundamentals and Applications</i> , 2010 , 8, 78-85	2.6	
13	Near-field imaging of coupled photonic-crystal microcavities. <i>Applied Physics Letters</i> , 2009 , 94, 151103	3.4	37
12	Tuning of photonic crystal cavities by controlled removal of locally infiltrated water. <i>Applied Physics Letters</i> , 2009 , 95, 173112	3.4	29
11	Polarization-sensitive near-field investigation of photonic crystal microcavities. <i>Applied Physics Letters</i> , 2009 , 94, 163102	3.4	26
10	Nonlinear optical tuning of photonic crystal microcavities by near-field probe. <i>Applied Physics Letters</i> , 2008 , 93, 023124	3.4	16
9	Local nanofluidic light sources in silicon photonic crystal microcavities. <i>Physical Review E</i> , 2008 , 78, 045	6 <u>03</u> 4	24
8	Spectral tuning and near-field imaging of photonic crystal microcavities. <i>Physical Review B</i> , 2008 , 78,	3.3	54
7	Near-field mapping of quantum dot emission from single-photonic crystal cavity modes. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2008 , 40, 1965-1967	3	5
6	Rewritable photonic circuits. <i>Applied Physics Letters</i> , 2006 , 89, 211117	3.4	92
5	3D Printing of Liquid Crystalline Hydroxypropyl Cellulose E oward Tunable and Sustainable Volumetric Photonic Structures. <i>Advanced Functional Materials</i> ,2108566	15.6	8

LIST OF PUBLICATIONS

4	Recent Progress in Production Methods for Cellulose Nanocrystals: Leading to More Sustainable Processes. <i>Advanced Sustainable Systems</i> ,2100100	5.9	Ο
3	Microcavity-Like Exciton-Polaritons can be the Primary Photoexcitation in Bare Organic Semiconductors	S	3
2	Recent Advances in Block Copolymer Self-Assembly for the Fabrication of Photonic Films and Pigments. <i>Advanced Optical Materials</i> ,2100519	8.1	14
1	Revealing the Structural Coloration of Self-Assembled Chitin Nanocrystal Films. <i>Advanced Materials</i> ,220) <u>33</u> 00	3