

# Sergi Gallego

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/1174538/sergi-gallego-publications-by-year.pdf>

**Version:** 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

147  
papers

1,931  
citations

24  
h-index

35  
g-index

186  
ext. papers

2,397  
ext. citations

2.6  
avg, IF

4.31  
L-index

#	Paper	IF	Citations
147	Validation of Fresnel-Kirchhoff Integral Method for the Study of Volume Dielectric Bodies. <i>Applied Sciences (Switzerland)</i> , <b>2021</b> , 11, 3800	2.6	
146	Estimation of the speed of sound waves using a modular 3D printed Helmholtz resonator. <i>Physics Education</i> , <b>2021</b> , 56, 055039	0.8	2
145	Qualitative disorder measurements from backscattering spectra through an optical fiber. <i>Biomedical Optics Express</i> , <b>2020</b> , 11, 6038-6048	3.5	
144	Unitary matrix approach for a precise voltage dependent characterization of reflective liquid crystal devices by average Stokes polarimetry. <i>Optics Letters</i> , <b>2020</b> , 45, 5732-5735	3	2
143	Analysis of the Imaging Characteristics of Holographic Waveguides Recorded in Photopolymers. <i>Polymers</i> , <b>2020</b> , 12,	4.5	5
142	Accurate, Efficient and Rigorous Numerical Analysis of 3D H-PDLC Gratings. <i>Materials</i> , <b>2020</b> , 13,	3.5	1
141	Holographic waveguides in photopolymers. <i>Optics Express</i> , <b>2019</b> , 27, 827-840	3.3	15
140	Combining average molecular tilt and flicker for management of depolarized light in parallel-aligned liquid crystal devices for broadband and wide-angle illumination. <i>Optics Express</i> , <b>2019</b> , 27, 5238-5252	3.3	5
139	Complex Diffractive Optical Elements Stored in Photopolymers. <i>Polymers</i> , <b>2019</b> , 11,	4.5	3
138	LCoS display phase self-calibration method based on diffractive lens schemes. <i>Optics and Lasers in Engineering</i> , <b>2018</b> , 106, 147-154	4.6	9
137	Simplified physical modeling of parallel-aligned liquid crystal devices at highly non-linear tilt angle profiles. <i>Optics Express</i> , <b>2018</b> , 26, 12723-12741	3.3	4
136	Anamorphic and Local Characterization of a Holographic Data Storage System with a Liquid-Crystal on Silicon Microdisplay as Data Pager. <i>Applied Sciences (Switzerland)</i> , <b>2018</b> , 8, 986	2.6	1
135	Self-addressed diffractive lens schemes for the characterization of LCoS displays <b>2018</b> ,		1
134	Numerical Analysis of H-PDLC Using the Split-Field Finite-Difference Time-Domain Method. <i>Polymers</i> , <b>2018</b> , 10,	4.5	3
133	Optimization of Photopolymer Materials for the Fabrication of a Holographic Waveguide. <i>Polymers</i> , <b>2017</b> , 9,	4.5	10
132	Peristrophic multiplexed holograms recorded in a low toxicity photopolymer. <i>Optical Materials Express</i> , <b>2017</b> , 7, 133	2.6	9
131	LCoS SLM Study and Its Application in Wavelength Selective Switch. <i>Photonics</i> , <b>2017</b> , 4, 22	2.2	32

130	Modeling Diffractive Lenses Recording in Environmentally Friendly Photopolymer. <i>Polymers</i> , <b>2017</b> , 9,	4-5	3
129	Additives Type Schiff's Base as Modifiers of the Optical Response in Holographic Polymer-Dispersed Liquid Crystals. <i>Polymers</i> , <b>2017</b> , 9,	4-5	5
128	Polarimetric and diffractive evaluation of 3.74 micron pixel-size LCoS in the telecommunications C-band <b>2017</b> ,		1
127	PVA/AA photopolymers and PA-LCoS devices combined for holographic data storage <b>2016</b> ,		2
126	Biophotopolymer energetic sensitivity improved in 300nm layers by tuning the recording wavelength. <i>Optical Materials</i> , <b>2016</b> , 52, 111-115	3-3	7
125	Diffractive lenses recorded in absorbent photopolymers. <i>Optics Express</i> , <b>2016</b> , 24, 1559-72	3-3	11
124	Blazed Gratings Recorded in Absorbent Photopolymers. <i>Materials</i> , <b>2016</b> , 9,	3-5	5
123	Dimensional changes in slanted diffraction gratings recorded in photopolymers. <i>Optical Materials Express</i> , <b>2016</b> , 6, 3455	2.6	10
122	Influence of index matching on AA/PVA photopolymers for low spatial frequency recording. <i>Applied Optics</i> , <b>2015</b> , 54, 3132-40	0.2	4
121	Predictive capability of average Stokes polarimetry for simulation of phase multilevel elements onto LCoS devices. <i>Applied Optics</i> , <b>2015</b> , 54, 1379-86	1.7	16
120	Split-field finite-difference time-domain method for second-harmonic generation in two-dimensionally periodic structures. <i>Journal of the Optical Society of America B: Optical Physics</i> , <b>2015</b> , 32, 664	1.7	5
119	Effective angular and wavelength modeling of parallel aligned liquid crystal devices. <i>Optics and Lasers in Engineering</i> , <b>2015</b> , 74, 114-121	4.6	8
118	Exploring binary and ternary modulations on a PA-LCoS device for holographic data storage in a PVA/AA photopolymer. <i>Optics Express</i> , <b>2015</b> , 23, 20459-79	3-3	11
117	Static and dynamic effects of flicker in phase multilevel elements on LCoS devices <b>2015</b> ,		3
116	Study of the index matching for different photopolymers <b>2015</b> ,		1
115	Two diffusion photopolymer for sharp diffractive optical elements recording. <i>Optics Letters</i> , <b>2015</b> , 40, 3221-4	3	13
114	Characterization and comparison of different photopolymers for low spatial frequency recording. <i>Optical Materials</i> , <b>2015</b> , 44, 18-24	3-3	8
113	Multi-GPU and multi-CPU accelerated FDTD scheme for vibroacoustic applications. <i>Computer Physics Communications</i> , <b>2015</b> , 191, 43-51	4.2	6

112	Compact LCOSBLM Based Polarization Pattern Beam Generator. <i>Journal of Lightwave Technology</i> , <b>2015</b> , 33, 2047-2055	4	24
111	Extended linear polarimeter to measure retardance and flicker: application to liquid crystal on silicon devices in two working geometries. <i>Optical Engineering</i> , <b>2014</b> , 53, 014105	1.1	12
110	Influence of the set-up on the recording of diffractive optical elements into photopolymers <b>2014</b> ,		2
109	Binary Intensity Modulation and Hybrid Ternary Modulation Applied to Multiplexing Objects Using Holographic Data Storage on a PVA/AA Photopolymer. <i>International Journal of Polymer Science</i> , <b>2014</b> , 2014, 1-8	2.4	2
108	Experimental Conditions to Obtain Photopolymerization Induced Phase Separation Process in Liquid Crystal-Photopolymer Composite Materials under Laser Exposure. <i>International Journal of Polymer Science</i> , <b>2014</b> , 2014, 1-5	2.4	4
107	Influence of Thickness on the Holographic Parameters of H-PDLC Materials. <i>International Journal of Polymer Science</i> , <b>2014</b> , 2014, 1-7	2.4	1
106	Beta value coupled wave theory for nonslanted reflection gratings. <i>Scientific World Journal, The</i> , <b>2014</b> , 2014, 513734	2.2	1
105	Retardance and flicker modeling and characterization of electro-optic linear retarders by averaged Stokes polarimetry. <i>Optics Letters</i> , <b>2014</b> , 39, 1011-4	3	26
104	Averaged Stokes polarimetry applied to evaluate retardance and flicker in PA-LCoS devices. <i>Optics Express</i> , <b>2014</b> , 22, 15064-74	3.3	35
103	Model of low spatial frequency diffractive elements recorded in photopolymers during and after recording. <i>Optical Materials</i> , <b>2014</b> , 38, 46-52	3.3	4
102	Construction of Intelligent Virtual Worlds Using a Grammatical Framework. <i>International Journal of Intelligent Systems</i> , <b>2014</b> , 29, 751-766	8.4	1
101	Electrical dependencies of optical modulation capabilities in digitally addressed parallel aligned liquid crystal on silicon devices. <i>Optical Engineering</i> , <b>2014</b> , 53, 067104	1.1	18
100	Performance analysis of SSE and AVX instructions in multi-core CPUs and GPU computing on FDTD scheme for solid and fluid vibration problems. <i>Journal of Supercomputing</i> , <b>2014</b> , 70, 514-526	2.5	5
99	Accuracy analysis of simplified and rigorous numerical methods applied to binary nanopatterning gratings in non-paraxial domain. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>2013</b> , 377, 2245-2250	2.3	3
98	Improving the performance of PVA/AA photopolymers for holographic recording. <i>Optical Materials</i> , <b>2013</b> , 35, 668-673	3.3	21
97	Development of a unified FDTD-FEM library for electromagnetic analysis with CPU and GPU computing. <i>Journal of Supercomputing</i> , <b>2013</b> , 64, 28-37	2.5	5
96	Analysis of the fabrication of diffractive optical elements in photopolymers <b>2013</b> ,		4
95	Linearity in the response of photopolymers as optical recording media. <i>Optics Express</i> , <b>2013</b> , 21, 10995-10008	3.3	10

94	Acceleration of split-field finite difference time-domain method for anisotropic media by means of graphics processing unit computing. <i>Optical Engineering</i> , <b>2013</b> , 53, 011005	1.1	9
93	Advances in Novel Optical Materials and Devices. <i>Research Letters in Physics</i> , <b>2013</b> , 2013, 1-2		2
92	Tensorial split-field finite-difference time-domain approach for second- and third-order nonlinear materials. <i>Journal of the Optical Society of America B: Optical Physics</i> , <b>2013</b> , 30, 1711	1.7	6
91	Overmodulation Control in the Optimization of a H-PDLC Device with Ethyl Eosin as Dye. <i>International Journal of Polymer Science</i> , <b>2013</b> , 2013, 1-8	2.4	10
90	Approximate solutions for the nonlinear pendulum equation using a rational harmonic representation. <i>Computers and Mathematics With Applications</i> , <b>2012</b> , 64, 1602-1611	2.7	16
89	A dynamic beam splitter using polymer dispersed liquid crystal materials <b>2012</b> ,		2
88	Diffraction and interferometric methods to characterize photopolymers with liquid crystal molecules as holographic recording material. <i>Journal of the European Optical Society-Rapid Publications</i> , <b>2012</b> , 7,	2.5	5
87	Biophotopol: A Sustainable Photopolymer for Holographic Data Storage Applications. <i>Materials</i> , <b>2012</b> , 5, 772-783	3.5	17
86	Volume Holograms in Photopolymers: Comparison between Analytical and Rigorous Theories. <i>Materials</i> , <b>2012</b> , 5, 1373-1388	3.5	11
85	Relief diffracted elements recorded on absorbent photopolymers. <i>Optics Express</i> , <b>2012</b> , 20, 11218-31	3.3	12
84	Zero Spatial Frequency Limit: Method to Characterize Photopolymers as Optical Recording Material. <i>Research Letters in Physics</i> , <b>2012</b> , 2012, 1-9		2
83	Quantitative Comparison of Five Different Photosensitizers for Use in a Photopolymer. <i>Research Letters in Physics</i> , <b>2012</b> , 2012, 1-11		22
82	Classical polarimetric method revisited to analyse the modulation capabilities of parallel aligned liquid crystal on silicon displays <b>2012</b> ,		3
81	Analysis of the geometry of a holographic memory setup <b>2012</b> ,		1
80	Comparison of simplified theories in the analysis of the diffraction efficiency in surface-relief gratings <b>2012</b> ,		6
79	Analysis of the diffraction efficiency of reflection and transmission holographic gratings by means of a parallel FDTD approach <b>2011</b> ,		1
78	Approximate expressions for the period of a simple pendulum using a Taylor series expansion. <i>European Journal of Physics</i> , <b>2011</b> , 32, 1303-1310	0.8	21
77	Comparison of photopolymers for optical data storage applications and relief diffractive optical elements recorded onto photopolymers <b>2011</b> ,		1

76	Surface relief model for photopolymers without cover plating. <i>Optics Express</i> , <b>2011</b> , 19, 10896-906	3.3	15
75	Performance improvement of high-thickness photopolymers for holographic data storage applications <b>2011</b> ,		1
74	Monomer diffusion in sustainable photopolymers for diffractive optics applications. <i>Optical Materials</i> , <b>2011</b> , 33, 1626-1629	3.3	8
73	High environmental compatibility photopolymers compared to PVA/AA based materials at zero spatial frequency limit. <i>Optical Materials</i> , <b>2011</b> , 33, 531-537	3.3	22
72	An experiment in heat conduction using hollow cylinders. <i>European Journal of Physics</i> , <b>2011</b> , 32, 1065-1075		5
71	Higher accurate approximate solutions for the simple pendulum in terms of elementary functions. <i>European Journal of Physics</i> , <b>2010</b> , 31, L65-L70	0.8	12
70	Hybrid Ternary Modulation Applied to Multiplexing Holograms in Photopolymers for Data Page Storage. <i>Journal of Lightwave Technology</i> , <b>2010</b> , 28, 776-783	4	15
69	Generation of diffractive optical elements onto a photopolymer using a liquid crystal display <b>2010</b> ,		10
68	Optimization of a holographic memory setup using an LCD and a PVA-based photopolymer. <i>Optik</i> , <b>2010</b> , 121, 151-158	2.5	4
67	Multiplexing holograms for data page storage using a LCD as hybrid ternary modulation <b>2009</b> ,		1
66	Application of a modified Heun homotopy perturbation method to obtain higher-order approximations to a nonlinear oscillator with discontinuities. <i>Nonlinear Analysis: Real World Applications</i> , <b>2009</b> , 10, 601-610	2.1	48
65	Linear response deviations during recording of diffraction gratings in photopolymers. <i>Optics Express</i> , <b>2009</b> , 17, 13193-201	3.3	8
64	In dark analysis of PVA/AA materials at very low spatial frequencies: phase modulation evolution and diffusion estimation. <i>Optics Express</i> , <b>2009</b> , 17, 18279-91	3.3	44
63	Spatial-phase-modulation-based study of polyvinyl-alcohol/acrylamide photopolymers in the low spatial frequency range. <i>Applied Optics</i> , <b>2009</b> , 48, 4403-13	0.2	13
62	Analysis of PVA/AA based photopolymers at the zero spatial frequency limit using interferometric methods. <i>Applied Optics</i> , <b>2008</b> , 47, 2557-63	1.7	13
61	Time-resolved Mueller matrix analysis of a liquid crystal on silicon display. <i>Applied Optics</i> , <b>2008</b> , 47, 4267-74	3.4	24
60	Multiplexed holographic data page storage on a polyvinyl alcohol/acrylamide photopolymer memory. <i>Applied Optics</i> , <b>2008</b> , 47, 4448-56	0.2	15
59	Multiplexing holograms for data page storage as a holographic memory in a PVA/AA photopolymer <b>2008</b> ,		2

58	Direct analysis of monomer diffusion times in polyvinyl/acrylamide materials. <i>Applied Physics Letters</i> , <b>2008</b> , 92, 073306	3.4	24
57	Does single umbilical artery (SUA) predict any type of congenital defect? Clinical-epidemiological analysis of a large consecutive series of malformed infants. <i>American Journal of Medical Genetics, Part A</i> , <b>2008</b> , 146A, 15-25	2.5	34
56	Hologram multiplexing in acrylamide hydrophilic photopolymers. <i>Optics Communications</i> , <b>2008</b> , 281, 1354-1357	2	14
55	Analysis of multiplexed holograms stored in a thick PVA/AA photopolymer. <i>Optics Communications</i> , <b>2008</b> , 281, 1480-1485	2	8
54	Analysis of monomer diffusion in depth in photopolymer materials. <i>Optics Communications</i> , <b>2007</b> , 274, 43-49	2	15
53	Pyromethene dye and non-redox initiator system in a hydrophilic binder photopolymer. <i>Optical Materials</i> , <b>2007</b> , 30, 227-230	3.3	6
52	Application of the harmonic balance method to a nonlinear oscillator typified by a mass attached to a stretched wire. <i>Journal of Sound and Vibration</i> , <b>2007</b> , 302, 1018-1029	3.9	75
51	Comments on Investigation of the properties of the period for the nonlinear oscillator $x''+(1+x^2)x=0$ . <i>Journal of Sound and Vibration</i> , <b>2007</b> , 303, 925-930	3.9	13
50	Application of a modified He's homotopy perturbation method to obtain higher-order approximations of an $x^{1/3}$ force nonlinear oscillator. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>2007</b> , 371, 421-426	2.3	78
49	Post-Buckling of a Cantilever Column: A More Accurate Linear Analysis of a Classical Nonlinear Problem. <i>International Journal of Mechanical Engineering Education</i> , <b>2007</b> , 35, 293-304	0.6	3
48	Characterization and optimization of liquid crystal displays for data storage applications <b>2007</b> ,		2
47	Optimization of a holographic memory setup using a LCD and a PVA based photopolymer <b>2007</b> ,		1
46	Accurate control of a liquid-crystal display to produce a homogenized Fourier transform for holographic memories. <i>Optics Letters</i> , <b>2007</b> , 32, 2511-3	3	10
45	Improved maximum uniformity and capacity of multiple holograms recorded in absorbent photopolymers. <i>Optics Express</i> , <b>2007</b> , 15, 9308-19	3.3	9
44	New photopolymer holographic recording material with sustainable design. <i>Optics Express</i> , <b>2007</b> , 15, 12425-35	3.3	41
43	Comparison of peristrophic multiplexing and a combination of angular and peristrophic holographic multiplexing in a thick PVA/acrylamide photopolymer for data storage. <i>Applied Optics</i> , <b>2007</b> , 46, 5368-73 <sup>1.7</sup>		26
42	Real-time interferometric characterization of a polyvinyl alcohol based photopolymer at the zero spatial frequency limit. <i>Applied Optics</i> , <b>2007</b> , 46, 7506-12	1.7	16
41	Analysis of amplitude and phase coupling in volume holography <b>2006</b> , 6252, 338		

40	Temporal response and first order volume changes during grating formation in photopolymers. <i>Journal of Applied Physics</i> , <b>2006</b> , 99, 113105	2.5	21
39	Effect of the glass substrate on the efficiency of the different orders that propagate in a transmission sinusoidal diffraction grating. <i>Journal of Modern Optics</i> , <b>2006</b> , 53, 1403-1410	1.1	
38	3-dimensional characterization of thick grating formation in PVA/AA based photopolymer. <i>Optics Express</i> , <b>2006</b> , 14, 5121-8	3.3	25
37	Optimization of a thick polyvinyl alcohol-acrylamide photopolymer for data storage using a combination of angular and peristrophic holographic multiplexing. <i>Applied Optics</i> , <b>2006</b> , 45, 7661-6	1.7	52
36	Multiplexing holograms in an acrylamide photopolymer <b>2006</b> ,		1
35	Examination of the temporal and kinetic effects in acrylamide based photopolymer using the nonlocal polymer driven diffusion model (NPDD) <b>2006</b> , 6252, 51		
34	3-dimensional analysis of holographic memories based on photopolymers using finite differences method <b>2006</b> , 6187, 307		
33	Grating matrix method to describe a volume transmission diffraction grating. <i>Optics Communications</i> , <b>2006</b> , 266, 122-128	2	1
32	Effect of the incorporation of N,N'-methylene-bis-acrylamide on the multiplexing of holograms in a hydrophilic acrylamide photopolymer. <i>Optics Communications</i> , <b>2006</b> , 268, 133-137	2	5
31	High-efficiency volume holograms recording on acrylamide and N,N'-methylene-bis-acrylamide photopolymer with pulsed laser. <i>Journal of Modern Optics</i> , <b>2005</b> , 52, 1575-1584	1.1	16
30	Clarifications to the paper "Holographic characteristics of a 1-mm-thick photopolymer to be used in holographic memories". <i>Applied Optics</i> , <b>2005</b> , 44, 1448	1.7	3
29	Characterization of polyvinyl alcohol/acrylamide holographic memories with a first-harmonic diffusion model. <i>Applied Optics</i> , <b>2005</b> , 44, 6205-10	1.7	14
28	Holographic photopolymer materials: nonlocal polymerization-driven diffusion under nonideal kinetic conditions. <i>Journal of the Optical Society of America B: Optical Physics</i> , <b>2005</b> , 22, 407	1.7	69
27	Physical and effective optical thickness of holographic diffraction gratings recorded in photopolymers. <i>Optics Express</i> , <b>2005</b> , 13, 1939-47	3.3	51
26	Anamorphic and spatial frequency dependent phase modulation on liquid crystal displays. Optimization of the modulation diffraction efficiency. <i>Optics Express</i> , <b>2005</b> , 13, 2111-9	3.3	24
25	3 Dimensional analysis of holographic photopolymers based memories. <i>Optics Express</i> , <b>2005</b> , 13, 3543-57	3.3	36
24	Temporal analysis of grating formation in photopolymer using the nonlocal polymerization-driven diffusion model. <i>Optics Express</i> , <b>2005</b> , 13, 6990-7004	3.3	75
23	Temporal and non-ideal behavior in photopolymers <b>2005</b> ,		2



22	Holographic Characteristics of an Acrylamide/Bisacrylamide Photopolymer in 40 $\mu$ m Thick Layers. <i>Physica Scripta</i> , <b>2005</b> , 66	2.6	12
21	Analysis of Second and Third Diffracted Orders in Volume Diffraction Gratings Recorded on Photopolymers. <i>Physica Scripta</i> , <b>2005</b> , 58	2.6	6
20	Maximum effective optical thickness of the gratings recorded in photopolymers <b>2005</b> ,		2
19	Complementary approaches with and without a Fourier plane for optical image processing education <b>2005</b> , 9664, 124		
18	Stabilization of volume gratings recorded in polyvinyl alcohol-acrylamide photopolymers with diffraction efficiencies higher than 90%. <i>Journal of Modern Optics</i> , <b>2004</b> , 51, 491-503	1.1	12
17	Stabilization of volume gratings recorded in polyvinyl alcohol-acrylamide photopolymers with diffraction efficiencies higher than 90%. <i>Journal of Modern Optics</i> , <b>2004</b> , 51, 491-503	1.1	6
16	Effect of a depth attenuated refractive index profile in the angular responses of the efficiency of higher orders in volume gratings recorded in a PVA/acrylamide photopolymer. <i>Optics Communications</i> , <b>2004</b> , 233, 311-322	2	23
15	Depth attenuated refractive index profiles in holographic gratings recorded in photopolymer materials <b>2004</b> , 5456, 449		
14	Optimization of a PVA/acrylamide material for the recording of multiple diffraction gratings <b>2004</b> ,		1
13	Space-variant image processing with volume holography <b>2004</b> , 5456, 315		
12	High-efficiency volume holograms recording on acrylamide and N,N'methylene-bis-acrylamide photopolymer with pulsed laser <b>2004</b> ,		1
11	Holographic photopolymer materials with nonlocal and nonlinear response <b>2003</b> , 5216, 127		7
10	Optimization of a 1 mm thick PVA/acrylamide recording material to obtain holographic memories: method of preparation and holographic properties. <i>Applied Physics B: Lasers and Optics</i> , <b>2003</b> , 76, 851-857	1.9	64
9	Overmodulation effects in volume holograms recorded on photopolymers. <i>Optics Communications</i> , <b>2003</b> , 215, 263-269	2	31
8	Characterization of a PVA/acrylamide photopolymer. Influence of a cross-linking monomer in the final characteristics of the hologram. <i>Optics Communications</i> , <b>2003</b> , 224, 27-34	2	29
7	Influence of the fringe visibility on the characteristics of holograms recorded in photopolymer material. <i>Optik</i> , <b>2003</b> , 114, 401-406	2.5	4
6	Diffusion-based model to predict the conservation of gratings recorded in poly(vinyl alcohol)-acrylamide photopolymer. <i>Applied Optics</i> , <b>2003</b> , 42, 5839-45	1.7	9
5	Holographic characteristics of a 1-mm-thick photopolymer to be used in holographic memories. <i>Applied Optics</i> , <b>2003</b> , 42, 7008-12	1.7	31

4	Edge-enhanced imaging with polyvinyl alcohol/acrylamide photopolymer gratings. <i>Optics Letters</i> , <b>2003</b> , 28, 1510-2	3	26
3	First-harmonic diffusion-based model applied to a polyvinyl-alcohol/acrylamide-based photopolymer. <i>Journal of the Optical Society of America B: Optical Physics</i> , <b>2003</b> , 20, 2052	1.7	36
2	Phase measurements of a twisted nematic liquid crystal spatial light modulator with a common-path interferometer. <i>Optics Communications</i> , <b>2001</b> , 190, 129-133	2	17
1	Programmable axial apodizing and hyperresolving amplitude filters with a liquid-crystal spatial light modulator. <i>Optics Letters</i> , <b>1999</b> , 24, 628-30	3	29