

Standards Manager Web Standards List
SPIE-International Society for Optics and Photonics

Id	Number	Title	Year	Organization	Page
1	9781510661349	Introduction to Laser Radar	2024	SPIE	
2	9780323999854	Metamaterials-by-Design Theory, Technologies, and Vision	2024	SPIE	
3	9780323988292	Neuromorphic Photonic Devices and Applications	2024	SPIE	
4	9781510671799	Optics Using Python	2024	SPIE	
5		Designing Optics Using Zemax	2024	SPIE	
6	9781510671379	Simulating Speckle with Python	2024	SPIE	
7	9781510668492	Interactive Video Surveillance as an Edge Service	2023	SPIE	
8	9781510663206	Petawatt Laser Systems	2023	SPIE	
9	9781510669970	Selected Applications of Volume Gratings in Optical Signal and Image Processing	2023	SPIE	
10	9781510656543	Simulating Speckle with Mathematica	2022	SPIE	
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12	9781510652125	Seeing the Light: Optics Without Equations	2022	SPIE	
13	9781510646872	Computed Tomography: Principles, Design, Artifacts, and Recent Advances	2022	SPIE	
14	9781510646995	Field Guide to Light-Matter Interaction	2022	SPIE	
15	9781510650343	Light Propagation through Biological Tissue and Other Diffusive Media: Theory, Solutions, and Validations	2022	SPIE	
16	9781510645387	Handbook of Speckle Interferometry	2022	SPIE	
17	9781510611375	Quaternion and Octonion Color Image Processing with MATLAB	2018	SPIE	
18	9781510621237	Field Guide to Colorimetry and Fundamental Color Modeling	2018	SPIE	
19	9781510622586	Live-Cell Optical Microscopy with Limited Light Doses	2018	SPIE	
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25	9781510618640	Field Guide to Infrared Systems, Detectors, and FPAs	2018	SPIE	
26	9781510623019	Fundamental Absorption of Semiconductor Quantum Dots	2018	SPIE	
27	9781510619838	Optimization in Lens Design	2018	SPIE	
28	HOW WRT GD SCI PPR	How to Write a Good Scientific Paper	2018	SPIE	
29	INTRO PNRMC LNS	Introduction to Panoramic Lenses	2018	SPIE	
30	LOW-LVL LGT THRPY	Low-Level Light Therapy: Photobiomodulation	2018	SPIE	
31	9781510616554	Systems Engineering for Astronomical Telescopes	2018	SPIE	
32	9781510617384	Optical Physics for Nanolithography	2018	SPIE	
33	9781510619074	Multispectral Image Fusion and Colorization	2018	SPIE	
34	9781510611368	Practical Quaternion Imaging with MATLAB	2018	SPIE	

35	AUTO TRGT RECOG	Automatic Target Recognition - Third Edition	2018	SPIE	
36	9781510611405	Antimonide-based Infrared Detectors: A New Perspective	2018	SPIE	
37	9781510608320	Optics Using MATLAB	2017	SPIE	
38	9781510613690	Optical Gas Sensing Based on MEMS FTIR Spectrometers	2017	SPIE	
39	GPU ACCLRTN OPTCL MEAS	GPU Acceleration for Optical Measurement	2017	SPIE	
40	9781510608504	Power Harvesting via Smart Materials	2017	SPIE	
41	9781510613669	Biofunctionalized Photoelectric Transducers for Sensing and Actuation	2017	SPIE	
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119	TRNSLTNL RSRCH BIOPHTNCS	Translational Research in Biophotonics: Four National Cancer Institute Case Studies	2014	SPIE	
120	FLD GUD HLGRPHY	Field Guide to Holography	2014	SPIE	
121	FUND GEO OPTCS	Fundamentals of Geometrical Optics	2014	SPIE	
122	FLD GUD FBR OPTC SNSRS	Field Guide to Fiber Optic Sensors	2014	SPIE	
123	INTFRMTRY PRCSN MEAS	Interferometry for Precision Measurement	2014	SPIE	
124	OPTCL SPEC FBRCTN TST	Optical Specification, Fabrication, and Testing	2014	SPIE	
125	FLD GUD DIG MCR-OPTC	Field Guide to Digital Micro-Optics	2014	SPIE	
126	INFR DTCTR TECH	State-of-the-Art Infrared Detector Technology	2014	SPIE	
127	SLD ST LSRS	Solid State Lasers: Tunable Sources and Passive Q-Switching Elements	2014	SPIE	
128	OPTCL GLS	Optical Glass	2014	SPIE	
129	STRN PROP GLS CRMCS	Strength Properties of Glass and Ceramics	2014	SPIE	
130	MDL OPTC VIS PERF HUM EYE	Modeling the Optical and Visual Performance of the Human Eye	2013	SPIE	
131	WNDR NANOTECH	The Wonder of Nanotechnology: Quantum Optoelectronic Devices and Applications	2013	SPIE	
132	PYROELEC MATRL	Pyroelectric Materials: Infrared Detectors, Particle Accelerators, and Energy Harvesters	2013	SPIE	
133	FLD GUD PHYS OPTC	Field Guide to Physical Optics	2013	SPIE	
134	CHEM VAP DEPO ZINC SULFD	Chemical Vapor Deposited Zinc Sulfide	2013	SPIE	
135	COMML BSC PHOTN IND	Commercialization Basics for the Photonics Industry	2013	SPIE	
136	OPTC SAT SIG PROC ENHN	Optical Satellite Signal Processing and Enhancement	2013	SPIE	
137	HIGH DYNA RNG IMG	High Dynamic Range Imaging: Sensors and Architectures	2013	SPIE	

138	PROPR CARE OPTC	The Proper Care of Optics: Cleaning, Handling, Storage, and Shipping	2013	SPIE	
139	STRAY LIT ANALY CNTRL	Stray Light Analysis and Control	2013	SPIE	
140	MIL DISP	Military Displays: Technology and Applications	2013	SPIE	
141	LAS BEAM QUAL METRC	Laser Beam Quality Metrics	2013	SPIE	
142	OPTC IMG ABBR PART III	Optical Imaging and Aberrations, Part III. Wavefront Analysis	2013	SPIE	
143	WNDWD FRG PATTRN ANALY	Windowed Fringe Pattern Analysis	2013	SPIE	
144	MULTIMOD BREAST IMG	Multimodality Breast Imaging: Diagnosis and Treatment	2013	SPIE	
145	INTRO SEMI MAN TECH	Introduction to Semiconductor Manufacturing Technology - 2nd Edition	2012	SPIE	
146	FORMTN DIG IMG	Formation of a Digital Image: The Imaging Chain Simplified	2012	SPIE	
147	FLD GUD NONLIN OPTC	Field Guide to Nonlinear Optics	2012	SPIE	
148	SPECT COMP TOMO	Spectral Computed Tomography	2012	SPIE	
149	FLD GUD PROBAB	Field Guide to Probability, Random Processes, and Random Data Analysis	2012	SPIE	
150	LAS SAF LAB	Laser Safety in the Lab	2012	SPIE	
151	SEN DAT FUS	Sensor and Data Fusion: A Tool for Information Assessment and Decision Making - 2nd Edition	2012	SPIE	
152	FLD GUD ADPTV	Field Guide to Adaptive Optics - Second Edition	2012	SPIE	
153	HYPESPEC REM SEN	Hyperspectral Remote Sensing	2012	SPIE	
154	VAL METRC BETTR LIT	Value Metrics for Better Lighting	2012	SPIE	
155	MAXWELL EQ ELECTRODY N	Maxwells Equations of Electrodynamics: An Explanation	2012	SPIE	
156	FLD GUD IMG PROC	Field Guide to Image Processing	2012	SPIE	
157	FLD GUD OPTC DES ANALY	Field Guide to Optomechanical Design and Analysis	2012	SPIE	
158	FLD GUD LENS DES	Field Guide to Lens Design	2012	SPIE	
159	INTG OPTOMECH ANALY	Integrated Optomechanical Analysis - 2nd Edition	2012	SPIE	

160	OPTC SCAT	Optical Scattering: Measurement and Analysis - 3rd Edition	2012	SPIE	
161	PROB ANS WAV OPTC	Problems and Answers in Wave Optics	2011	SPIE	
162	COMP FOUR OPTC	Computational Fourier Optics: A MATLAB Tutorial	2011	SPIE	
163	ALN VIS	Alien Vision: Exploring the Electromagnetic Spectrum with Imaging Technology - 2nd Edition	2011	SPIE	
164	FLD GUD SPCL FUNC ENG	Field Guide to Special Functions for Engineers	2011	SPIE	
165	COLR VIS COLRMT	Color Vision and Colorimetry: Theory and Applications - 2nd Edition	2011	SPIE	
166	ENHN OPTC FILT DES	Enhanced Optical Filter Design	2011	SPIE	
167	ABBR THEO MADE SIMP	Aberration Theory Made Simple - 2nd Edition	2011	SPIE	
168	OPTC DES BIOMED IMG	Optical Design for Biomedical Imaging	2011	SPIE	
169	SIG IMG RESTO	Signal and Image Restoration: Information-Theoretic Approaches	2011	SPIE	
170	FLD GUD RDOMTRY	Field Guide to Radiometry	2011	SPIE	
171	OPTC IMG ABBR PART II	Optical Imaging and Aberrations, Part II. Wave Diffraction Optics - Second Edition	2011	SPIE	
172	PRINC LITHO	Principles of Lithography - 3rd Edition	2011	SPIE	
173	3D VDO TECH	3D Video Technologies: An Overview of Research Trends	2011	SPIE	
174	FLD GUD OPTC FAB	Field Guide to Optical Fabrication	2011	SPIE	
175	POLARZ LIT APPL OPTC FIB	Polarization of Light with Applications in Optical Fibers	2011	SPIE	
176	FLD GUD BINO SCP	Field Guide to Binoculars and Scopes	2011	SPIE	
177	COLR IMG PROC BIOMED APPL	Color Image Processing with Biomedical Applications	2011	SPIE	
178	FLD GUD DIFF OPTC	Field Guide to Diffractive Optics	2011	SPIE	
179	APPL PRISM REFLC OPTC	Applied Prismatic and Reflective Optics	2010	SPIE	
180	FLD GUD TO MICROSCP	Field Guide to Microscopy	2010	SPIE	
181	MDL IMG CHN DIG CAM	Modeling the Imaging Chain of Digital Cameras	2010	SPIE	
182	OPTC DES	Optical Design: Applying the Fundamentals	2010	SPIE	

183	FLD GUD OPTC FIB TECH	Field Guide to Optical Fiber Technology	2010	SPIE	
184	DRCT DTCTN LADAR SYS	Direct Detection LADAR Systems	2010	SPIE	
185	NANOTECH	Nanotechnology: A Crash Course	2010	SPIE	
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191	NEW PHY OPTC NOTEBK	The New Physical Optics Notebook: Tutorials in Fourier Optics	2009	SPIE	
192	INTRO IMG STABZ	Introduction to Image Stabilization	2009	SPIE	
193	SOFT X-RAY OPTC	Soft X-Ray Optics	2009	SPIE	
194	FLD GUD OPTC THIN FILM	Field Guide to Optical Thin Films	2009	SPIE	
195	RAND PROC IMG SIG PROC	Random Processes for Image and Signal Processing	2009	SPIE	
196	HDS-ON MORPH IMG PROC	Hands-on Morphological Image Processing	2009	SPIE	
197	OPTOELEC SOLAR CELL	Optoelectronics of Solar Cells	2009	SPIE	
198	INFRA FIB APPL	Infrared Fibers and Their Applications	2009	SPIE	
199	INTRO RDOMTRY	Introduction to Radiometry	2009	SPIE	
200	OPTC CORREL TECHNQ APPL	Optical Correlation Techniques and Applications	2009	SPIE	
201	POLY PHOTOVOLT	Polymer Photovoltaics: A Practical Approach	2009	SPIE	
202	SPCL FUNC MATH ENG	Special Functions of Mathematics for Engineers - 2nd Edition	2009	SPIE	
203	ART OF RDOMTRY	The Art of Radiometry	2009	SPIE	

204	OPTC SYS PROC	Optical Systems and Processes	2009	SPIE	
205	ADV INFO OPTC PHOTN	Advances in Information Optics and Photonics	2009	SPIE	
206	FUND INFRA DETEC MATRL	Fundamentals of Infrared Detector Materials	2009	SPIE	
207	SCULP THIN FILM	Sculptured Thin Films: Nanoengineered Morphology and Optics	2009	SPIE	
208	FLD GUD SPECTR	Field Guide to Spectroscopy	2009	SPIE	
209	DEMYST ELECTRO EQ	Demystifying Electromagnetic Equations: A Complete Explanation of EM Unit Systems and Equation Transformations	2009	SPIE	
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211	INFA OPTC ZOOM LENS	Infrared Optics and Zoom Lenses - 2nd Edition	2009	SPIE	
212	HDBK MEDIC IMG VOL 3	Handbook of Medical Imaging, Volume 3. Display and PACS	2009	SPIE	
213	FLD GUD OPTC LITHO	Field Guide to Optical Lithography	2009	SPIE	
214	9780819491145	Lighter Side of Adaptive Optics	2009	SPIE	
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216	THIN-FILM DES	Thin-Film Design: Modulated Thickness and Other Stopband Design Methods	2009	SPIE	
217	OPTC COAT TECH	Optical Coating Technology	2009	SPIE	
218	FLD GUD ILLUM	Field Guide to Illumination	2009	SPIE	
219	COHT-MOD REP OPTC	Coherent-Mode Representations in Optics	2009	SPIE	
220	LITHO PROC CNTRL	Lithography Process Control	2009	SPIE	
221	HDBK MEDIC IMG VOL 2	Handbook of Medical Imaging, Volume 2. Medical Image Processing and Analysis	2009	SPIE	
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223	LOG-BAS NONLIN IMG PROC	Logic-based Nonlinear Image Processing	2009	SPIE	
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227	OPTC COMM RECIVR DES	Optical Communication Receiver Design	2009	SPIE	
228	INTRO IMG SPECTRM	Introduction to Imaging Spectrometers	2009	SPIE	
229	EUV SRC LITHO	EUV Sources for Lithography	2009	SPIE	
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231	FLD GUD VIS OPHT OPTC	Field Guide to Visual and Ophthalmic Optics	2009	SPIE	
232	OPTC DES VIS SYS	Optical Design for Visual Systems	2009	SPIE	
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234	OPTC CLR TISS BLD	Optical Clearing of Tissues and Blood	2009	SPIE	
235	INTRO INFRA SYS DES	Introduction to Infrared System Design	2009	SPIE	
236	BSC SPECTR	The Basics of Spectroscopy	2009	SPIE	
237	PHYS ENG SOL STE LAS	The Physics and Engineering of Solid State Lasers	2009	SPIE	
238	INTRO WAVEFT SEN	Introduction to Wavefront Sensors	2009	SPIE	
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240	OPTC IMG ABBR PART I	Optical Imaging and Aberrations, Part I. Ray Geometrical Optics	2009	SPIE	
241	DIG IMG COMPSR TECHNQ	Digital Image Compression Techniques	2009	SPIE	
242	LAS BEAM SCINT APPL	Laser Beam Scintillation with Applications	2009	SPIE	
243	ADV OPT USG ASPH ELEM	Advanced Optics Using Aspherical Elements	2009	SPIE	
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245	DES PLAST OPTC SYS	The Design of Plastic Optical Systems	2009	SPIE	
246	FLD GUD ATMOS OPTC	Field Guide to Atmospheric Optics	2009	SPIE	
247	FUND POLARIM REMO SEN	Fundamentals of Polarimetric Remote Sensing	2009	SPIE	
248	FUND ELEC IMG PROC	Fundamentals of Electronic Image Processing	2009	SPIE	
249	FUND OPTC DES	Fundamental Optical Design	2009	SPIE	

250	COHT FLD IMG REMO SEN	Coherent Fields and Images in Remote Sensing	2009	SPIE	
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254	FLD GUD GEOMET OPTC	Field Guide to Geometrical Optics	2009	SPIE	
255	FLD GUD LAS PULS GEN	Field Guide to Laser Pulse Generation	2009	SPIE	
256	INTMED OPTC DES	Intermediate Optical Design	2009	SPIE	
257	OPTC ENG FUND	Optical Engineering Fundamentals - 2nd Edition	2009	SPIE	
258	OPTC THIN FILM	Optical Thin Films: User Handbook	2009	SPIE	
259	HADM TRANSF	Hadamard Transforms	2009	SPIE	
260	OPTC IMG PROJTN	Optical Imaging in Projection Microlithography	2009	SPIE	
261	SCI CHR- COPL DEV	Scientific Charge-Coupled Devices	2009	SPIE	
262	INTRO OPTC TEST	Introduction to Optical Testing	2009	SPIE	
263	PHOTN TRANS	Photon Transfer	2009	SPIE	
264	MATX METH OPTC LAYO	Matrix Methods for Optical Layout	2009	SPIE	
265	MATH TECHNQ ENG SCI	Mathematical Techniques for Engineers and Scientists	2009	SPIE	
266	INFRA DES EXMP	Infrared Design Examples	2009	SPIE	
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