Citation Report
List of articles citing

Optical coherence tomography

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#	Paper	IF	Citations
2255	In vivo OCT imaging of hard and soft tissue of the oral cavity. **1998**, 3, 239		
2254	Optical coherence tomography for vulnerability assessment of sandstone. **2013**, 52, 3387		
2253	Optical coherence tomography for vulnerability assessment of sandstone. **2013**, 52, 3387		
2252	Swept-source based, single-shot, multi-detectable velocity range Doppler optical coherence tomography. **2010**, 1, 955		
2251	Characterizing the localized surface plasmon resonance behaviors of Au nanorings and tracking their diffusion in bio-tissue with optical coherence tomography. **2010**, 1, 1060		
2250	Characterizing the localized surface plasmon resonance behaviors of Au nanorings and tracking their diffusion in bio-tissue with optical coherence tomography. **2010**, 1, 1060		
2249	Full-range imaging of eye accommodation by high-speed long-depth range optical frequency domain imaging. **2010**, 1, 1491		
2248	Full-range imaging of eye accommodation by high-speed long-depth range optical frequency domain imaging. **2010**, 1, 1491		
2247	Quantification of airway thickness changes in smoke-inhalation injury using in-vivo 3-D endoscopic frequency-domain optical coherence tomography. **2011**, 2, 243		
2246	Quantification of airway thickness changes in smoke-inhalation injury using in-vivo 3-D endoscopic frequency-domain optical coherence tomography. **2011**, 2, 243		
2245	Complete complex conjugate resolved heterodyne swept-source optical coherence tomography using a dispersive optical delay line. **2011**, 2, 1218		
2244	Complete complex conjugate resolved heterodyne swept-source optical coherence tomography using a dispersive optical delay line. **2011**, 2, 1218		
2243	In vivo volumetric imaging of chicken retina with ultrahigh-resolution spectral domain optical coherence tomography. **2011**, 2, 1268		
2242	In vivo volumetric imaging of chicken retina with ultrahigh-resolution spectral domain optical coherence tomography. **2011**, 2, 1268		
2241	In vivo volumetric imaging of chicken retina with ultrahigh-resolution spectral domain optical coherence tomography. **2011**, 2, 1268		
2240	In vivo volumetric imaging of human retinal circulation with phase-variance optical coherence tomography. **2011**, 2, 1504		
2239	In vivo volumetric imaging of human retinal circulation with phase-variance optical coherence tomography. **2011**, 2, 1504		

2238 Integrated adaptive optics optical coherence tomography and adaptive optics scanning laser ophthalmoscope system for simultaneous cellular resolution in vivo retinal imaging. **2011**, 2, 1674

2237 Integrated adaptive optics optical coherence tomography and adaptive optics scanning laser ophthalmoscope system for simultaneous cellular resolution in vivo retinal imaging. **2011**, 2, 1674

2236 Integrated adaptive optics optical coherence tomography and adaptive optics scanning laser ophthalmoscope system for simultaneous cellular resolution in vivo retinal imaging. **2011**, 2, 1674

2235 In vivo volumetric imaging of the human corneo-scleral limbus with spectral domain OCT. **2011**, 2, 1794

2234 In vivo volumetric imaging of the human corneo-scleral limbus with spectral domain OCT. **2011**, 2, 1794

2233 Microfluidic characterization of cilia-driven fluid flow using optical coherence tomography-based particle tracking velocimetry. **2011**, 2, 2022

2232 Microfluidic characterization of cilia-driven fluid flow using optical coherence tomography-based particle tracking velocimetry. **2011**, 2, 2022

2231 Multimodal photoacoustic and optical coherence tomography scanner using an all optical detection scheme for 3D morphological skin imaging. **2011**, 2, 2202

2230 Multimodal photoacoustic and optical coherence tomography scanner using an all optical detection scheme for 3D morphological skin imaging. **2011**, 2, 2202

2229 Multimodal photoacoustic and optical coherence tomography scanner using an all optical detection scheme for 3D morphological skin imaging. **2011**, 2, 2202

2228 Multimodal photoacoustic and optical coherence tomography scanner using an all optical detection scheme for 3D morphological skin imaging. **2011**, 2, 2202

2227 Multimodal photoacoustic and optical coherence tomography scanner using an all optical detection scheme for 3D morphological skin imaging. **2011**, 2, 2202

2226 Multimodal photoacoustic and optical coherence tomography scanner using an all optical detection scheme for 3D morphological skin imaging. **2011**, 2, 2202

2225 Multimodal photoacoustic and optical coherence tomography scanner using an all optical detection scheme for 3D morphological skin imaging. **2011**, 2, 2202

2224 Multimodal photoacoustic and optical coherence tomography scanner using an all optical detection scheme for 3D morphological skin imaging. **2011**, 2, 2202

2223 Differentiation of pancreatic cysts with optical coherence tomography (OCT) imaging: an ex vivo pilot study. **2011**, 2, 2372

2222 Differentiation of pancreatic cysts with optical coherence tomography (OCT) imaging: an ex vivo pilot study. **2011**, 2, 2372

2221 Differentiation of pancreatic cysts with optical coherence tomography (OCT) imaging: an ex vivo pilot study. **2011**, 2, 2372

2220 High speed spectral domain optical coherence tomography for retinal imaging at 500,000 A-lines per second. **2011**, 2, 2770

2219 High speed spectral domain optical coherence tomography for retinal imaging at 500,000 A-lines per second. **2011**, 2, 2770

2218 3D imaging of biofilms on implants by detection of scattered light with a scanning laser optical tomograph. **2011**, 2, 2982

2217 Optical coherence tomography-based freeze-drying microscopy. **2012**, 3, 55

2216 Optical coherence tomography-based freeze-drying microscopy. **2012**, 3, 55

2215 Optical coherence tomography-based freeze-drying microscopy. **2012**, 3, 55

2214 Quantitative comparison of contrast and imaging depth of ultrahigh-resolution optical coherence tomography images in 800–1700 nm wavelength region. **2012**, 3, 282

2213 Quantitative comparison of contrast and imaging depth of ultrahigh-resolution optical coherence tomography images in 800–1700 nm wavelength region. **2012**, 3, 282

2212 Endovascular optical coherence tomography intensity kurtosis: visualization of vasa vasorum in porcine carotid artery. **2012**, 3, 388

2211 Endovascular optical coherence tomography intensity kurtosis: visualization of vasa vasorum in porcine carotid artery. **2012**, 3, 388

2210 Endovascular optical coherence tomography intensity kurtosis: visualization of vasa vasorum in porcine carotid artery. **2012**, 3, 388

2209 Endovascular optical coherence tomography intensity kurtosis: visualization of vasa vasorum in porcine carotid artery. **2012**, 3, 388

2208 Endovascular optical coherence tomography intensity kurtosis: visualization of vasa vasorum in porcine carotid artery. **2012**, 3, 388

2207 Three-dimensional, non-invasive, cross-sectional imaging of protein crystals using ultrahigh resolution optical coherence tomography. **2012**, 3, 735

2206 Three-dimensional, non-invasive, cross-sectional imaging of protein crystals using ultrahigh resolution optical coherence tomography. **2012**, 3, 735

2205 Three-dimensional, non-invasive, cross-sectional imaging of protein crystals using ultrahigh resolution optical coherence tomography. **2012**, 3, 735

2204 Speckle variance optical coherence tomography of the rodent spinal cord: in vivo feasibility. **2012**, 3, 911

2203 Speckle variance optical coherence tomography of the rodent spinal cord: in vivo feasibility. **2012**, 3, 911

2202 Imaging thermal expansion and retinal tissue changes during photocoagulation by high speed OCT. **2012**, 3, 1025

2201 Imaging thermal expansion and retinal tissue changes during photocoagulation by high speed OCT. **2012**, 3, 1025

2200 Imaging thermal expansion and retinal tissue changes during photocoagulation by high speed OCT. **2012**, 3, 1025

2199 Imaging thermal expansion and retinal tissue changes during photocoagulation by high speed OCT. **2012**, 3, 1025

2198 Imaging thermal expansion and retinal tissue changes during photocoagulation by high speed OCT. **2012**, 3, 1025

2197 Imaging thermal expansion and retinal tissue changes during photocoagulation by high speed OCT. **2012**, 3, 1025

2196 Extended coherence length megahertz FDML and its application for anterior segment imaging. **2012**, 3, 2647

2195 Large-field high-speed polarization sensitive spectral domain OCT and its applications in ophthalmology. **2012**, 3, 2720

2194 Retinal, anterior segment and full eye imaging using ultrahigh speed swept source OCT with vertical-cavity surface emitting lasers. **2012**, 3, 2733

2193 Real-time eye motion compensation for OCT imaging with tracking SLO. **2012**, 3, 2950

2192 Real-time eye motion compensation for OCT imaging with tracking SLO. **2012**, 3, 2950

2191 High-speed polarization sensitive optical coherence tomography scan engine based on Fourier domain mode locked laser. **2012**, 3, 2987

2190 High-speed polarization sensitive optical coherence tomography scan engine based on Fourier domain mode locked laser. **2012**, 3, 2987

2189 Spectral domain optical coherence tomography of multi-MHz A-scan rates at 1310 nm range and real-time 4D-display up to 41 volumes/second. **2012**, 3, 3067

2188 Spectral domain optical coherence tomography of multi-MHz A-scan rates at 1310 nm range and real-time 4D-display up to 41 volumes/second. **2012**, 3, 3067

2187 Spectral domain optical coherence tomography of multi-MHz A-scan rates at 1310 nm range and real-time 4D-display up to 41 volumes/second. **2012**, 3, 3067

2186 Spectral domain optical coherence tomography of multi-MHz A-scan rates at 1310 nm range and real-time 4D-display up to 41 volumes/second. **2012**, 3, 3067

2185 Spectral domain optical coherence tomography of multi-MHz A-scan rates at 1310 nm range and real-time 4D-display up to 41 volumes/second. **2012**, 3, 3067

2184 Spectral domain optical coherence tomography of multi-MHz A-scan rates at 1310 nm range and real-time 4D-display up to 41 volumes/second. **2012**, 3, 3067

2183 Spectral domain optical coherence tomography of multi-MHz A-scan rates at 1310 nm range and real-time 4D-display up to 41 volumes/second. **2012**, 3, 3067

2182 Spectral domain optical coherence tomography of multi-MHz A-scan rates at 1310 nm range and real-time 4D-display up to 41 volumes/second. **2012**, 3, 3067

2181 Spectral domain optical coherence tomography of multi-MHz A-scan rates at 1310 nm range and real-time 4D-display up to 41 volumes/second. **2012**, 3, 3067

2180 Real-time eye motion correction in phase-resolved OCT angiography with tracking SLO. **2013**, 4, 51

2179 Real-time eye motion correction in phase-resolved OCT angiography with tracking SLO. **2013**, 4, 51

2178 In vivo imaging of the rodent eye with swept source/Fourier domain OCT. **2013**, 4, 351

2177 In vivo imaging of the rodent eye with swept source/Fourier domain OCT. **2013**, 4, 351

2176 In vivo imaging of the rodent eye with swept source/Fourier domain OCT. **2013**, 4, 351

2175 In vivo imaging of the rodent eye with swept source/Fourier domain OCT. **2013**, 4, 351

2174 In vivo imaging of the rodent eye with swept source/Fourier domain OCT. **2013**, 4, 351

2173 Ultrahigh speed endoscopic optical coherence tomography using micromotor imaging catheter and VCSEL technology. **2013**, 4, 1119

2172 Ultrahigh speed endoscopic optical coherence tomography using micromotor imaging catheter and VCSEL technology. **2013**, 4, 1119

2171 Ultrahigh speed endoscopic optical coherence tomography using micromotor imaging catheter and VCSEL technology. **2013**, 4, 1119

2170 Compartment-resolved imaging of cortical functional hyperemia with OCT angiography. **2013**, 4, 1255

2169 Compartment-resolved imaging of cortical functional hyperemia with OCT angiography. **2013**, 4, 1255

2168 Multi-MHz retinal OCT. **2013**, 4, 1890

2167 Handheld simultaneous scanning laser ophthalmoscopy and optical coherence tomography system. **2013**, 4, 2307

2166 Handheld simultaneous scanning laser ophthalmoscopy and optical coherence tomography system. **2013**, 4, 2307

2165 Handheld simultaneous scanning laser ophthalmoscopy and optical coherence tomography system. **2013**, 4, 2307

2164 Handheld simultaneous scanning laser ophthalmoscopy and optical coherence tomography system. **2013**, 4, 2307

2163 Four-dimensional visualization of subpleural alveolar dynamics in vivo during uninterrupted mechanical ventilation of living swine. **2013**, 4, 2492

2162 Characterization of eosinophilic esophagitis murine models using optical coherence tomography. **2014**, 5, 609

2161 Characterization of eosinophilic esophagitis murine models using optical coherence tomography. **2014**, 5, 609

2160 Development of a high power supercontinuum source in the 1.7 μm wavelength region for highly penetrative ultrahigh-resolution optical coherence tomography. **2014**, 5, 932

2159 High definition live 3D-OCT in vivo: design and evaluation of a 4D OCT engine with 1 GVoxel/s. **2014**, 5, 2963

2158 High definition live 3D-OCT in vivo: design and evaluation of a 4D OCT engine with 1 GVoxel/s. **2014**, 5, 2963

2157 High definition live 3D-OCT in vivo: design and evaluation of a 4D OCT engine with 1 GVoxel/s. **2014**, 5, 2963

2156 High definition live 3D-OCT in vivo: design and evaluation of a 4D OCT engine with 1 GVoxel/s. **2014**, 5, 2963

2155 Computed optical interferometric tomography for high-speed volumetric cellular imaging. **2014**, 5, 2988

2154 Scalable multiplexing for parallel imaging with interleaved optical coherence tomography. **2014**, 5, 3192

2153 Feasibility of ablative fractional laser-assisted drug delivery with optical coherence tomography. **2014**, 5, 3949

2152 Adaptive optics optical coherence tomography at 1 MHz. **2014**, 5, 4186

2151 Adaptive optics optical coherence tomography at 1 MHz. **2014**, 5, 4186

2150 Two-dimensional micro-displacement measurement for laser coagulation using optical coherence tomography. **2015**, 6, 170

2149 Fiber-based polarization-sensitive OCT for birefringence imaging of the anterior eye segment. **2015**, 6, 369

2148 Fiber-based polarization-sensitive OCT for birefringence imaging of the anterior eye segment. **2015** , 6, 369

2147 Complete 360° circumferential gonioscopic optical coherence tomography imaging of the iridocorneal angle. **2015**, 6, 1376

2146 Complete 360° circumferential gonioscopic optical coherence tomography imaging of the iridocorneal angle. **2015**, 6, 1376

2145 Ultra-widefield retinal MHz-OCT imaging with up to 100 degrees viewing angle. **2015**, 6, 1534

2144 Ultra-widefield retinal MHz-OCT imaging with up to 100 degrees viewing angle. **2015**, 6, 1534

2143 Ultra-widefield retinal MHz-OCT imaging with up to 100 degrees viewing angle. **2015**, 6, 1534

2142 Localization of cortical tissue optical changes during seizure activity in vivo with optical coherence tomography. **2015**, 6, 1812

2141 Localization of cortical tissue optical changes during seizure activity in vivo with optical coherence tomography. **2015**, 6, 1812

2140 Localization of cortical tissue optical changes during seizure activity in vivo with optical coherence tomography. **2015**, 6, 1812

2139 Localization of cortical tissue optical changes during seizure activity in vivo with optical coherence tomography. **2015**, 6, 1812

2138 Localization of cortical tissue optical changes during seizure activity in vivo with optical coherence tomography. **2015**, 6, 1812

2137 Localization of cortical tissue optical changes during seizure activity in vivo with optical coherence tomography. **2015**, 6, 1812

2136 Quantitative single-mode fiber based PS-OCT with single input polarization state using Mueller matrix. **2015**, 6, 1828

2135 Quantitative single-mode fiber based PS-OCT with single input polarization state using Mueller matrix. **2015**, 6, 1828

2134 Quantitative single-mode fiber based PS-OCT with single input polarization state using Mueller matrix. **2015**, 6, 1828

2133 In vivo visualization of skin inflammation by optical coherence tomography and two-photon microscopy. **2015**, 6, 2512

2132 In vivo visualization of skin inflammation by optical coherence tomography and two-photon microscopy. **2015**, 6, 2512

2131 In vivo visualization of skin inflammation by optical coherence tomography and two-photon microscopy. **2015**, 6, 2512

2130 In vivo visualization of skin inflammation by optical coherence tomography and two-photon microscopy. **2015**, 6, 2512

2129 In vivo visualization of skin inflammation by optical coherence tomography and two-photon microscopy. **2015**, 6, 2512

2128 Endoscopic Doppler optical coherence tomography and autofluorescence imaging of peripheral pulmonary nodules and vasculature. **2015**, 6, 4191

2127 Endoscopic Doppler optical coherence tomography and autofluorescence imaging of peripheral pulmonary nodules and vasculature. **2015**, 6, 4191

2126 Heartbeat OCT: in vivo intravascular megahertz-optical coherence tomography. **2015**, 6, 5021

2125 Heartbeat OCT: in vivo intravascular megahertz-optical coherence tomography. **2015**, 6, 5021

2124 Heartbeat OCT: in vivo intravascular megahertz-optical coherence tomography. **2015**, 6, 5021

2123 Heartbeat OCT: in vivo intravascular megahertz-optical coherence tomography. **2015**, 6, 5021

2122 Automated quantitative assessment of three-dimensional bioprinted hydrogel scaffolds using optical coherence tomography. **2016**, 7, 894

2121 Automated quantitative assessment of three-dimensional bioprinted hydrogel scaffolds using optical coherence tomography. **2016**, 7, 894

2120 Multi-modal adaptive optics system including fundus photography and optical coherence tomography for the clinical setting. **2016**, 7, 1783

2119 Multi-modal adaptive optics system including fundus photography and optical coherence tomography for the clinical setting. **2016**, 7, 1783

2118 Multi-modal adaptive optics system including fundus photography and optical coherence tomography for the clinical setting. **2016**, 7, 1783

2117 Multi-modal adaptive optics system including fundus photography and optical coherence tomography for the clinical setting. **2016**, 7, 1783

2116 Applicability, usability, and limitations of murine embryonic imaging with optical coherence tomography and optical projection tomography. **2016**, 7, 2295

2115 Applicability, usability, and limitations of murine embryonic imaging with optical coherence tomography and optical projection tomography. **2016**, 7, 2295

2114 Applicability, usability, and limitations of murine embryonic imaging with optical coherence tomography and optical projection tomography. **2016**, 7, 2295

2113 Applicability, usability, and limitations of murine embryonic imaging with optical coherence tomography and optical projection tomography. **2016**, 7, 2295

2112 In vivo imaging of airway cilia and mucus clearance with micro-optical coherence tomography. **2016**, 7, 2494

2111 In vivo imaging of airway cilia and mucus clearance with micro-optical coherence tomography. **2016**, 7, 2494

2110 In vivo imaging of airway cilia and mucus clearance with micro-optical coherence tomography. **2016**, 7, 2494

2109 Characterizing relationship between optical microangiography signals and capillary flow using microfluidic channels. **2016**, 7, 2709

2108 Characterizing relationship between optical microangiography signals and capillary flow using microfluidic channels. **2016**, 7, 2709

2107 Characterizing relationship between optical microangiography signals and capillary flow using microfluidic channels. **2016**, 7, 2709

2106 High resolution imaging of in vivo cardiac dynamics using color Doppler optical coherence tomography. **1997**, 1, 424

2105 Longitudinal imaging in biological tissues with a single laser shot correlation system. **2002**, 10, 35

2104 Real-time phase-resolved optical coherence tomography and optical Doppler tomography. **2002**, 10, 236

2103 Real-time phase-resolved optical coherence tomography and optical Doppler tomography. **2002**, 10, 236

2102 Single-shot phase-stepped wide-field coherence-gated imaging. **2003**, 11, 105

2101 Single-shot phase-stepped wide-field coherence-gated imaging. **2003**, 11, 105

2100 Single-shot phase-stepped wide-field coherence-gated imaging. **2003**, 11, 105

2099 Single-shot phase-stepped wide-field coherence-gated imaging. **2003**, 11, 105

2098 Real-time multi-functional optical coherence tomography. **2003**, 11, 782

2097 Real-time multi-functional optical coherence tomography. **2003**, 11, 782

2096 High speed, wide velocity dynamic range Doppler optical coherence tomography (Part I): System design, signal processing, and performance. **2003**, 11, 794

2095 High speed, wide velocity dynamic range Doppler optical coherence tomography (Part I): System design, signal processing, and performance. **2003**, 11, 794

2094 High speed, wide velocity dynamic range Doppler optical coherence tomography (Part I): System design, signal processing, and performance. **2003**, 11, 794

2093 High speed, wide velocity dynamic range Doppler optical coherence tomography (Part I): System design, signal processing, and performance. **2003**, 11, 794

2092 High speed, wide velocity dynamic range Doppler optical coherence tomography (Part I): System design, signal processing, and performance. **2003**, 11, 794

2091 High speed, wide velocity dynamic range Doppler optical coherence tomography (Part I): System design, signal processing, and performance. **2003**, 11, 794

2090 High speed, wide velocity dynamic range Doppler optical coherence tomography (Part II): Imaging in vivo cardiac dynamics of Xenopus laevis. **2003**, 11, 1650

2089 High speed, wide velocity dynamic range Doppler optical coherence tomography (Part II): Imaging in vivo cardiac dynamics of Xenopus laevis. **2003**, 11, 1650

2088 High speed, wide velocity dynamic range Doppler optical coherence tomography (Part II): Imaging in vivo cardiac dynamics of Xenopus laevis. **2003**, 11, 1650

2087 High speed, wide velocity dynamic range Doppler optical coherence tomography (Part II): Imaging in vivo cardiac dynamics of Xenopus laevis. **2003**, 11, 1650

2086 High speed, wide velocity dynamic range Doppler optical coherence tomography (Part II): Imaging in vivo cardiac dynamics of Xenopus laevis. **2003**, 11, 1650

2085 High speed, wide velocity dynamic range Doppler optical coherence tomography (Part II): Imaging in vivo cardiac dynamics of Xenopus laevis. **2003**, 11, 1650

2084 High speed, wide velocity dynamic range Doppler optical coherence tomography (Part II): Imaging in vivo cardiac dynamics of Xenopus laevis. **2003**, 11, 1650

2083 High speed, wide velocity dynamic range Doppler optical coherence tomography (Part III): in vivo endoscopic imaging of blood flow in the rat and human gastrointestinal tracts. **2003**, 11, 2416

2082 High speed, wide velocity dynamic range Doppler optical coherence tomography (Part III): in vivo endoscopic imaging of blood flow in the rat and human gastrointestinal tracts. **2003**, 11, 2416

2081 Three-dimensional imaging of the human retina by high-speed optical coherence tomography. **2003** , 11, 2753

2080 Three-dimensional imaging of the human retina by high-speed optical coherence tomography. **2003** , 11, 2753

2079 Three-dimensional imaging of the human retina by high-speed optical coherence tomography. **2003** , 11, 2753

2078 Ultrahigh resolution real time OCT imaging using a compact femtosecond Nd:Glass laser and nonlinear fiber. **2003**, 11, 3290

2077 Ultrahigh resolution real time OCT imaging using a compact femtosecond Nd:Glass laser and nonlinear fiber. **2003**, 11, 3290

2076 Automatic characterization and segmentation of human skin using three-dimensional optical coherence tomography. **2006**, 14, 1862

2075 Automatic characterization and segmentation of human skin using three-dimensional optical coherence tomography. **2006**, 14, 1862

2074 Fourier Domain Mode Locking (FDML): A new laser operating regime and applications for optical coherence tomography. **2006**, 14, 3225

2073 Fourier Domain Mode Locking (FDML): A new laser operating regime and applications for optical coherence tomography. **2006**, 14, 3225

2072 High-speed volumetric imaging of cone photoreceptors with adaptive optics spectral-domain optical coherence tomography. **2006**, 14, 4380

2071 High-speed volumetric imaging of cone photoreceptors with adaptive optics spectral-domain optical coherence tomography. **2006**, 14, 4380

2070 Optical frequency domain imaging with a rapidly swept laser in the 815–870 nm range. **2006**, 14, 5937

2069 Optical frequency domain imaging with a rapidly swept laser in the 815–870 nm range. **2006**, 14, 5937

2068 Clutter rejection filters for optical Doppler tomography. **2006**, 14, 6103

2067 Clutter rejection filters for optical Doppler tomography. **2006**, 14, 6103

2066 Clutter rejection filters for optical Doppler tomography. **2006**, 14, 6103

2065 Clutter rejection filters for optical Doppler tomography. **2006**, 14, 6103

2064 Clutter rejection filters for optical Doppler tomography. **2006**, 14, 6103

2063 Fiber-based polarization-sensitive Fourier domain optical coherence tomography using B-scan-oriented polarization modulation method. **2006**, 14, 6502

2062 Fiber-based polarization-sensitive Fourier domain optical coherence tomography using B-scan-oriented polarization modulation method. **2006**, 14, 6502

2061 Fiber-based polarization-sensitive Fourier domain optical coherence tomography using B-scan-oriented polarization modulation method. **2006**, 14, 6502

2060 Fiber-based polarization-sensitive Fourier domain optical coherence tomography using B-scan-oriented polarization modulation method. **2006**, 14, 6502

2059 Fiber-based polarization-sensitive Fourier domain optical coherence tomography using B-scan-oriented polarization modulation method. **2006**, 14, 6502

2058 Fiber-based polarization-sensitive Fourier domain optical coherence tomography using B-scan-oriented polarization modulation method. **2006**, 14, 6502

2057 Fiber-based polarization-sensitive Fourier domain optical coherence tomography using B-scan-oriented polarization modulation method. **2006**, 14, 6502

2056 Fiber-based polarization-sensitive Fourier domain optical coherence tomography using B-scan-oriented polarization modulation method. **2006**, 14, 6502

2055 Fiber-based polarization-sensitive Fourier domain optical coherence tomography using B-scan-oriented polarization modulation method. **2006**, 14, 6502

2054 Fiber-based polarization-sensitive Fourier domain optical coherence tomography using B-scan-oriented polarization modulation method. **2006**, 14, 6502

2053 Fiber-based polarization-sensitive Fourier domain optical coherence tomography using B-scan-oriented polarization modulation method. **2006**, 14, 6502

2052 Fiber-based polarization-sensitive Fourier domain optical coherence tomography using B-scan-oriented polarization modulation method. **2006**, 14, 6502

2051 Fiber-based polarization-sensitive Fourier domain optical coherence tomography using B-scan-oriented polarization modulation method. **2006**, 14, 6502

2050 Fiber-based polarization-sensitive Fourier domain optical coherence tomography using B-scan-oriented polarization modulation method. **2006**, 14, 6502

2049 Full-field time-encoded frequency-domain optical coherence tomography. **2006**, 14, 7661

2048 Full-field time-encoded frequency-domain optical coherence tomography. **2006**, 14, 7661

2047 Full-field time-encoded frequency-domain optical coherence tomography. **2006**, 14, 7661

2046 Full-field time-encoded frequency-domain optical coherence tomography. **2006**, 14, 7661

2045 High-speed imaging of human retina in vivo with swept-source optical coherence tomography. **2006**, 14, 12902

2044 High-speed imaging of human retina in vivo with swept-source optical coherence tomography. **2006**, 14, 12902

2043 High-speed imaging of human retina in vivo with swept-source optical coherence tomography. **2006**, 14, 12902

2042 High-speed imaging of human retina in vivo with swept-source optical coherence tomography. **2006**, 14, 12902

2041 Three dimensional optical angiography. **2007**, 15, 4083

2040 Three dimensional optical angiography. **2007**, 15, 4083

2039 Three dimensional optical angiography. **2007**, 15, 4083

2038 In vivo high-contrast imaging of deep posterior eye by 1-μm swept source optical coherence tomography and scattering optical coherence angiography. **2007**, 15, 6121

2037 In vivo high-contrast imaging of deep posterior eye by 1-μm swept source optical coherence tomography and scattering optical coherence angiography. **2007**, 15, 6121

2036 In vivo high-contrast imaging of deep posterior eye by 1-μm swept source optical coherence tomography and scattering optical coherence angiography. **2007**, 15, 6121

2035 In vivo high-contrast imaging of deep posterior eye by 1-μm swept source optical coherence tomography and scattering optical coherence angiography. **2007**, 15, 6121

2034 In vivo high-contrast imaging of deep posterior eye by 1-μm swept source optical coherence tomography and scattering optical coherence angiography. **2007**, 15, 6121

2033 In vivo high-contrast imaging of deep posterior eye by 1-μm swept source optical coherence tomography and scattering optical coherence angiography. **2007**, 15, 6121

2032 In vivo high-contrast imaging of deep posterior eye by 1-μm swept source optical coherence tomography and scattering optical coherence angiography. **2007**, 15, 6121

2031 In vivo high-contrast imaging of deep posterior eye by 1-μm swept source optical coherence tomography and scattering optical coherence angiography. **2007**, 15, 6121

2030 Large depth-high resolution full 3D imaging of the anterior segments of the eye using high speed Optical Frequency Domain Imaging. **2007**, 15, 7117

2029 Large depth-high resolution full 3D imaging of the anterior segments of the eye using high speed Optical Frequency Domain Imaging. **2007**, 15, 7117

2028 Large depth-high resolution full 3D imaging of the anterior segments of the eye using high speed Optical Frequency Domain Imaging. **2007**, 15, 7117

2027 Large depth-high resolution full 3D imaging of the anterior segments of the eye using high speed Optical Frequency Domain Imaging. **2007**, 15, 7117

2026 Large depth-high resolution full 3D imaging of the anterior segments of the eye using high speed Optical Frequency Domain Imaging. **2007**, 15, 7117

2025 Three-dimensional visualization of choroidal vessels by using standard and ultra-high resolution scattering optical coherence angiography. **2007**, 15, 7538

2024 Three-dimensional visualization of choroidal vessels by using standard and ultra-high resolution scattering optical coherence angiography. **2007**, 15, 7538

2023 Three-dimensional visualization of choroidal vessels by using standard and ultra-high resolution scattering optical coherence angiography. **2007**, 15, 7538

2022 Three-dimensional visualization of choroidal vessels by using standard and ultra-high resolution scattering optical coherence angiography. **2007**, 15, 7538

2021 Three-dimensional visualization of choroidal vessels by using standard and ultra-high resolution scattering optical coherence angiography. **2007**, 15, 7538

2020 Three-dimensional visualization of choroidal vessels by using standard and ultra-high resolution scattering optical coherence angiography. **2007**, 15, 7538

2019 Three-dimensional visualization of choroidal vessels by using standard and ultra-high resolution scattering optical coherence angiography. **2007**, 15, 7538

2018 Three-dimensional visualization of choroidal vessels by using standard and ultra-high resolution scattering optical coherence angiography. **2007**, 15, 7538

2017 Three-dimensional visualization of choroidal vessels by using standard and ultra-high resolution scattering optical coherence angiography. **2007**, 15, 7538

2016 Three-dimensional visualization of choroidal vessels by using standard and ultra-high resolution scattering optical coherence angiography. **2007**, 15, 7538

2015 Three-dimensional visualization of choroidal vessels by using standard and ultra-high resolution scattering optical coherence angiography. **2007**, 15, 7538

2014 Spectral domain polarization sensitive optical coherence tomography achieved by single camera detection. **2007**, 15, 7950

2013 Spectral domain polarization sensitive optical coherence tomography achieved by single camera detection. **2007**, 15, 7950

2012 Spectral domain polarization sensitive optical coherence tomography achieved by single camera detection. **2007**, 15, 7950

2011 Investigating nanoscale cellular dynamics with cross-sectional spectral domain phase microscopy. **2007**, 15, 8115

2010 In vivo three-dimensional microelectromechanical endoscopic swept source optical coherence tomography. **2007**, 15, 10390

2009 In vivo three-dimensional microelectromechanical endoscopic swept source optical coherence tomography. **2007**, 15, 10390

2008 In vivo three-dimensional microelectromechanical endoscopic swept source optical coherence tomography. **2007**, 15, 10390

2007 Comparison of three-dimensional optical coherence tomography and high resolution photography for art conservation studies. **2007**, 15, 15972

2006 Three dimensional tracking for volumetric spectral-domain optical coherence tomography. **2007**, 15, 16808

2005 Three dimensional tracking for volumetric spectral-domain optical coherence tomography. **2007**, 15, 16808

2004 Three dimensional tracking for volumetric spectral-domain optical coherence tomography. **2007**, 15, 16808

2003 Three dimensional tracking for volumetric spectral-domain optical coherence tomography. **2007**, 15, 16808

2002 Simultaneous SLO/OCT imaging of the human retina with axial eye motion correction. **2007**, 15, 16922

2001 Simultaneous SLO/OCT imaging of the human retina with axial eye motion correction. **2007**, 15, 16922

2000 Two-axis magnetically-driven MEMS scanning catheter for endoscopic high-speed optical coherence tomography. **2007**, 15, 18130

1999 Quasi-single shot axial-lateral parallel time domain optical coherence tomography with Hilbert transformation. **2008**, 16, 524

1998 Volumetric sub-surface imaging using spectrally encoded endoscopy. **2008**, 16, 1748

1997 Real-time interferometric synthetic aperture microscopy. **2008**, 16, 2555

1996 Real-time interferometric synthetic aperture microscopy. **2008**, 16, 2555

1995 Real-time interferometric synthetic aperture microscopy. **2008**, 16, 2555

1994 Polarization-sensitive swept-source optical coherence tomography with continuous source polarization modulation. **2008**, 16, 5892

1993 Polarization-sensitive swept-source optical coherence tomography with continuous source polarization modulation. **2008**, 16, 5892

1992 Ultrahigh resolution optical coherence tomography and pancorrection for cellular imaging of the living human retina. **2008**, 16, 11083

1991 Ultrahigh resolution optical coherence tomography and pancorrection for cellular imaging of the living human retina. **2008**, 16, 11083

1990 Ultrahigh resolution optical coherence tomography and pancorrection for cellular imaging of the living human retina. **2008**, 16, 11083

1989 In vivo volumetric imaging of vascular perfusion within human retina and choroids with optical micro-angiography. **2008**, 16, 11438

1988 In vivo volumetric imaging of vascular perfusion within human retina and choroids with optical micro-angiography. **2008**, 16, 11438

1987 In vivo volumetric imaging of vascular perfusion within human retina and choroids with optical micro-angiography. **2008**, 16, 11438

1986 Retinal pigment epithelium segmentation by polarization sensitive optical coherence tomography. **2008**, 16, 16410

1985 Retinal pigment epithelium segmentation by polarization sensitive optical coherence tomography. **2008**, 16, 16410

1984 Retinal pigment epithelium segmentation by polarization sensitive optical coherence tomography. **2008**, 16, 16410

1983 Three-dimensional endomicroscopy of the human colon using optical coherence tomography. **2009**, 17, 784

1982 Three-dimensional endomicroscopy of the human colon using optical coherence tomography. **2009**, 17, 784

1981 Three-dimensional endomicroscopy of the human colon using optical coherence tomography. **2009**, 17, 784

1980 Anterior segment imaging with Spectral OCT system using a high-speed CMOS camera. **2009**, 17, 4842

1979 Anterior segment imaging with Spectral OCT system using a high-speed CMOS camera. **2009**, 17, 4842

1978 Anterior segment imaging with Spectral OCT system using a high-speed CMOS camera. **2009**, 17, 4842

1977 Anterior segment imaging with Spectral OCT system using a high-speed CMOS camera. **2009**, 17, 4842

1976 Anterior segment imaging with Spectral OCT system using a high-speed CMOS camera. **2009**, 17, 4842

1975 Anterior segment imaging with Spectral OCT system using a high-speed CMOS camera. **2009**, 17, 4842

1974 Anterior segment imaging with Spectral OCT system using a high-speed CMOS camera. **2009**, 17, 4842

1973 Anterior segment imaging with Spectral OCT system using a high-speed CMOS camera. **2009**, 17, 4842

1972 Anterior segment imaging with Spectral OCT system using a high-speed CMOS camera. **2009**, 17, 4842

1971 Visualization of phase retardation of deep posterior eye by polarization-sensitive swept-source optical coherence tomography with 1-ǵm probe. **2009**, 17, 12385

1970 Visualization of phase retardation of deep posterior eye by polarization-sensitive swept-source optical coherence tomography with 1-ǵm probe. **2009**, 17, 12385

1969 Visualization of phase retardation of deep posterior eye by polarization-sensitive swept-source optical coherence tomography with 1-ǵm probe. **2009**, 17, 12385

1968 Ultra high-speed swept source OCT imaging of the anterior segment of human eye at 200 kHz with adjustable imaging range. **2009**, 17, 14880

1967 Ultra high-speed swept source OCT imaging of the anterior segment of human eye at 200 kHz with adjustable imaging range. **2009**, 17, 14880

1966 Ultra high-speed swept source OCT imaging of the anterior segment of human eye at 200 kHz with adjustable imaging range. **2009**, 17, 14880

1965 Ultra high-speed swept source OCT imaging of the anterior segment of human eye at 200 kHz with adjustable imaging range. **2009**, 17, 14880

1964 Ultra high-speed swept source OCT imaging of the anterior segment of human eye at 200 kHz with adjustable imaging range. **2009**, 17, 14880

1963 Automated quantification of microstructural dimensions of the human kidney using optical coherence tomography (OCT). **2009**, 17, 16000

1962 Automated quantification of microstructural dimensions of the human kidney using optical coherence tomography (OCT). **2009**, 17, 16000

1961 Automated quantification of microstructural dimensions of the human kidney using optical coherence tomography (OCT). **2009**, 17, 16000

1960 Automated quantification of microstructural dimensions of the human kidney using optical coherence tomography (OCT). **2009**, 17, 16000

1959 Automated quantification of microstructural dimensions of the human kidney using optical coherence tomography (OCT). **2009**, 17, 16000

1958 Automated quantification of microstructural dimensions of the human kidney using optical coherence tomography (OCT). **2009**, 17, 16000

1957 Tissue discrimination in anterior eye using three optical parameters obtained by polarization sensitive optical coherence tomography. **2009**, 17, 17426

1956 Tissue discrimination in anterior eye using three optical parameters obtained by polarization sensitive optical coherence tomography. **2009**, 17, 17426

1955 Tissue discrimination in anterior eye using three optical parameters obtained by polarization sensitive optical coherence tomography. **2009**, 17, 17426

1954 Adaptive optics optical coherence tomography at 120,000 depth scans/s for non-invasive cellular phenotyping of the living human retina. **2009**, 17, 19382

1953 Adaptive optics optical coherence tomography at 120,000 depth scans/s for non-invasive cellular phenotyping of the living human retina. **2009**, 17, 19382

1952 Adaptive optics optical coherence tomography at 120,000 depth scans/s for non-invasive cellular phenotyping of the living human retina. **2009**, 17, 19382

1951 Adaptive optics optical coherence tomography at 120,000 depth scans/s for non-invasive cellular phenotyping of the living human retina. **2009**, 17, 19382

1950 Photoacoustic ophthalmoscopy for in vivo retinal imaging. **2010**, 18, 3967

1949 High speed optical coherence microscopy with autofocus adjustment and a miniaturized endoscopic imaging probe. **2010**, 18, 4222

1948 Single camera spectral domain polarization-sensitive optical coherence tomography using offset B-scan modulation. **2010**, 18, 7281

1947 Single camera spectral domain polarization-sensitive optical coherence tomography using offset B-scan modulation. **2010**, 18, 7281

1946 Single camera spectral domain polarization-sensitive optical coherence tomography using offset B-scan modulation. **2010**, 18, 7281

1945 Electronically controlled coherent linear optical sampling for optical coherence tomography. **2010**, 18, 9976

1944 Electronically controlled coherent linear optical sampling for optical coherence tomography. **2010**, 18, 9976

1943 Electronically controlled coherent linear optical sampling for optical coherence tomography. **2010**, 18, 9976

1942 High resolution multimodal clinical ophthalmic imaging system. **2010**, 18, 11607

1941 High resolution multimodal clinical ophthalmic imaging system. **2010**, 18, 11607

1940 High resolution multimodal clinical ophthalmic imaging system. **2010**, 18, 11607

1939 Evaluating and identifying pearls and their nuclei by using optical coherence tomography. **2010**, 18, 13468

1938 Evaluating and identifying pearls and their nuclei by using optical coherence tomography. **2010**, 18, 13468

1937 In vivo 3D human vocal fold imaging with polarization sensitive optical coherence tomography and a MEMS scanning catheter. **2010**, 18, 14644

1936 In vivo 3D human vocal fold imaging with polarization sensitive optical coherence tomography and a MEMS scanning catheter. **2010**, 18, 14644

1935 In vivo 3D human vocal fold imaging with polarization sensitive optical coherence tomography and a MEMS scanning catheter. **2010**, 18, 14644

1934 In vivo 3D human vocal fold imaging with polarization sensitive optical coherence tomography and a MEMS scanning catheter. **2010**, 18, 14644

1933 Multi-Megahertz OCT: High quality 3D imaging at 20 million A-scans and 4.5 GVoxels per second. **2010**, 18, 14685

1932 Multi-Megahertz OCT: High quality 3D imaging at 20 million A-scans and 4.5 GVoxels per second. **2010**, 18, 14685

1931 Multi-Megahertz OCT: High quality 3D imaging at 20 million A-scans and 4.5 GVoxels per second. **2010**, 18, 14685

1930 Multi-Megahertz OCT: High quality 3D imaging at 20 million A-scans and 4.5 GVoxels per second. **2010**, 18, 14685

1929 Ultrahigh speed 1050nm swept source / Fourier domain OCT retinal and anterior segment imaging at 100,000 to 400,000 axial scans per second. **2010**, 18, 20029

1928 Ultrahigh speed 1050nm swept source / Fourier domain OCT retinal and anterior segment imaging at 100,000 to 400,000 axial scans per second. **2010**, 18, 20029

1927 Ultrahigh speed 1050nm swept source / Fourier domain OCT retinal and anterior segment imaging at 100,000 to 400,000 axial scans per second. **2010**, 18, 20029

1926 Dynamic optical studies in materials testing with spectral-domain polarization-sensitive optical coherence tomography. **2010**, 18, 25712

1925 Dynamic optical studies in materials testing with spectral-domain polarization-sensitive optical coherence tomography. **2010**, 18, 25712

1924 Dynamic optical studies in materials testing with spectral-domain polarization-sensitive optical coherence tomography. **2010**, 18, 25712

1923 Dynamic optical studies in materials testing with spectral-domain polarization-sensitive optical coherence tomography. **2010**, 18, 25712

1922 Dynamic optical studies in materials testing with spectral-domain polarization-sensitive optical coherence tomography. **2010**, 18, 25712

1921 Polarization-sensitive optical frequency domain imaging based on unpolarized light. **2011**, 19, 552

1920 Polarization-sensitive optical frequency domain imaging based on unpolarized light. **2011**, 19, 552

1919 Megahertz OCT for ultrawide-field retinal imaging with a 1050nm Fourier domain mode-locked laser. **2011**, 19, 3044

1918 Megahertz OCT for ultrawide-field retinal imaging with a 1050nm Fourier domain mode-locked laser. **2011**, 19, 3044

1917 Megahertz OCT for ultrawide-field retinal imaging with a 1050nm Fourier domain mode-locked laser. **2011**, 19, 3044

1916 Megahertz OCT for ultrawide-field retinal imaging with a 1050nm Fourier domain mode-locked laser. **2011**, 19, 3044

1915 Megahertz OCT for ultrawide-field retinal imaging with a 1050nm Fourier domain mode-locked laser. **2011**, 19, 3044

1914 Megahertz OCT for ultrawide-field retinal imaging with a 1050nm Fourier domain mode-locked laser. **2011**, 19, 3044

1913 Megahertz OCT for ultrawide-field retinal imaging with a 1050nm Fourier domain mode-locked laser. **2011**, 19, 3044

1912 Megahertz OCT for ultrawide-field retinal imaging with a 1050nm Fourier domain mode-locked laser. **2011**, 19, 3044

1911 Megahertz OCT for ultrawide-field retinal imaging with a 1050nm Fourier domain mode-locked laser. **2011**, 19, 3044

1910 Megahertz OCT for ultrawide-field retinal imaging with a 1050nm Fourier domain mode-locked laser. **2011**, 19, 3044

1909 Megahertz OCT for ultrawide-field retinal imaging with a 1050nm Fourier domain mode-locked laser. **2011**, 19, 3044

1908 Megahertz OCT for ultrawide-field retinal imaging with a 1050nm Fourier domain mode-locked laser. **2011**, 19, 3044

1907 Megahertz OCT for ultrawide-field retinal imaging with a 1050nm Fourier domain mode-locked laser. **2011**, 19, 3044

1906 Megahertz OCT for ultrawide-field retinal imaging with a 1050nm Fourier domain mode-locked laser. **2011**, 19, 3044

1905 Imaging vibrating vocal folds with a high speed 1050 nm swept source OCT and ODT. **2011**, 19, 11880

1904 Quantitative imaging of cochlear soft tissues in wild-type and hearing-impaired transgenic mice by spectral domain optical coherence tomography. **2011**, 19, 15415

1903 Quantitative imaging of cochlear soft tissues in wild-type and hearing-impaired transgenic mice by spectral domain optical coherence tomography. **2011**, 19, 15415

1902 Quantitative imaging of cochlear soft tissues in wild-type and hearing-impaired transgenic mice by spectral domain optical coherence tomography. **2011**, 19, 15415

1901 Structured three-dimensional optical phantom for optical coherence tomography. **2011**, 19, 19480

1900 Spatial light interference tomography (SLIT). **2011**, 19, 19907

1899 Spatial light interference tomography (SLIT). **2011**, 19, 19907

1898 Spatial light interference tomography (SLIT). **2011**, 19, 19907

1897 Phase-stabilized optical frequency domain imaging at 1-μm for the measurement of blood flow in the human choroid. **2011**, 19, 20886

1896 Phase-stabilized optical frequency domain imaging at 1-μm for the measurement of blood flow in the human choroid. **2011**, 19, 20886

1895 Phase-stabilized optical frequency domain imaging at 1-μm for the measurement of blood flow in the human choroid. **2011**, 19, 20886

1894 Phase-stabilized optical frequency domain imaging at 1-μm for the measurement of blood flow in the human choroid. **2011**, 19, 20886

1893 Efficient reduction of speckle noise in Optical Coherence Tomography. **2012**, 20, 1337

1892 Split-spectrum amplitude-decorrelation angiography with optical coherence tomography. **2012**, 20, 4710

1891 Multi-contrast focal modulation microscopy for in vivo imaging of thick biological tissues. **2012**, 20, 12166

1890 GPU accelerated real-time multi-functional spectral-domain optical coherence tomography system at 1300nm. **2012**, 20, 14797

1889 GPU accelerated real-time multi-functional spectral-domain optical coherence tomography system at 1300nm. **2012**, 20, 14797

1888 GPU accelerated real-time multi-functional spectral-domain optical coherence tomography system at 1300nm. **2012**, 20, 14797

1887 GPU accelerated real-time multi-functional spectral-domain optical coherence tomography system at 1300nm. **2012**, 20, 14797

1886 Full-range spectral domain Jones matrix optical coherence tomography using a single spectral camera. **2012**, 20, 22360

1885 Full-range spectral domain Jones matrix optical coherence tomography using a single spectral camera. **2012**, 20, 22360

1884 High speed miniature motorized endoscopic probe for optical frequency domain imaging. **2012**, 20, 24132

1883 High speed miniature motorized endoscopic probe for optical frequency domain imaging. **2012**, 20, 24132

1882 Dual-coil magnetomotive optical coherence tomography for contrast enhancement in liquids. **2013**, 21, 7139

1881 Dual-coil magnetomotive optical coherence tomography for contrast enhancement in liquids. **2013**, 21, 7139

1880 Dual-coil magnetomotive optical coherence tomography for contrast enhancement in liquids. **2013**, 21, 7139

1879 Dual-coil magnetomotive optical coherence tomography for contrast enhancement in liquids. **2013**, 21, 7139

1878 Can OCT be sensitive to nanoscale structural alterations in biological tissue?. **2013**, 21, 9043

1877 Inner structure detection by optical tomography technology based on feedback of microchip Nd:YAG lasers. **2013**, 21, 11819

1876 Space-division multiplexing optical coherence tomography. **2013**, 21, 19219

1875 Space-division multiplexing optical coherence tomography. **2013**, 21, 19219

1874 MasterSlave interferometry for parallel spectral domain interferometry sensing and versatile 3D optical coherence tomography. **2013**, 21, 19324

1873 MasterSlave interferometry for parallel spectral domain interferometry sensing and versatile 3D optical coherence tomography. **2013**, 21, 19324

1872 In vivo imaging of middle-ear and inner-ear microstructures of a mouse guided by SD-OCT combined with a surgical microscope. **2014**, 22, 8985

1871 In vivo imaging of middle-ear and inner-ear microstructures of a mouse guided by SD-OCT combined with a surgical microscope. **2014**, 22, 8985

1870 In vivo imaging of middle-ear and inner-ear microstructures of a mouse guided by SD-OCT combined with a surgical microscope. **2014**, 22, 8985

1869 In vivo imaging of middle-ear and inner-ear microstructures of a mouse guided by SD-OCT combined with a surgical microscope. **2014**, 22, 8985

1868 In vivo imaging of middle-ear and inner-ear microstructures of a mouse guided by SD-OCT combined with a surgical microscope. **2014**, 22, 8985

1867 In vivo imaging of middle-ear and inner-ear microstructures of a mouse guided by SD-OCT combined with a surgical microscope. **2014**, 22, 8985

1866 All-fiber wavelength swept ring laser based on Fabry-Perot filter for optical frequency domain imaging. **2014**, 22, 25805

1865 All-fiber wavelength swept ring laser based on Fabry-Perot filter for optical frequency domain imaging. **2014**, 22, 25805

1864 Microscopic OCT imaging with focus extension by ultrahigh-speed acousto-optic tunable lens and stroboscopic illumination. **2014**, 22, 31746

1863 Microscopic OCT imaging with focus extension by ultrahigh-speed acousto-optic tunable lens and stroboscopic illumination. **2014**, 22, 31746

1862 Polarization sensitive optical frequency domain imaging system for endobronchial imaging. **2015**, 23, 3390

1861 Polarization sensitive optical frequency domain imaging system for endobronchial imaging. **2015**, 23, 3390

1860 High-resolution extended source optical coherence tomography. **2015**, 23, 26399

1859 OCT elastography: imaging microscopic deformation and strain of tissue. **1998**, 3, 199

1858 OCT elastography: imaging microscopic deformation and strain of tissue. **1998**, 3, 199

1857 In vivo video rate optical coherence tomography. **1998**, 3, 219

1856 In vivo video rate optical coherence tomography. **1998**, 3, 219

1855 In vivo video rate optical coherence tomography. **1998**, 3, 219

1854 Dental OCT. **1998**, 3, 230

1853 Three dimensional OCT images from retina and skin. **2000**, 7, 292

1852 Three dimensional OCT images from retina and skin. **2000**, 7, 292

1851 Three dimensional OCT images from retina and skin. **2000**, 7, 292

1850 Three dimensional OCT images from retina and skin. **2000**, 7, 292

1849 Topography and volume measurements of the optic nerve using en-face optical coherence tomography. **2001**, 9, 533

1848 In vivo high-resolution video-rate spectral-domain optical coherence tomography of the human retina and optic nerve. **2004**, 12, 367

1847 In vivo high-resolution video-rate spectral-domain optical coherence tomography of the human retina and optic nerve. **2004**, 12, 367

1846 In vivo high-resolution video-rate spectral-domain optical coherence tomography of the human retina and optic nerve. **2004**, 12, 367

1845 Ultrahigh-resolution, high-speed, Fourier domain optical coherence tomography and methods for dispersion compensation. **2004**, 12, 2404

1844 Ultrahigh-resolution, high-speed, Fourier domain optical coherence tomography and methods for dispersion compensation. **2004**, 12, 2404

1843 Ultrahigh-resolution, high-speed, Fourier domain optical coherence tomography and methods for dispersion compensation. **2004**, 12, 2404

1842 Three dimensional polarization sensitive OCT of human skin in vivo. **2004**, 12, 3236

1841 Three dimensional polarization sensitive OCT of human skin in vivo. **2004**, 12, 3236

1840 Optical coherence tomography using a continuous-wave, high-power, Raman continuum light source. **2004**, 12, 5287

1839 Optical coherence tomography using a continuous-wave, high-power, Raman continuum light source. **2004**, 12, 5287

1838 Optical coherence tomography using a continuous-wave, high-power, Raman continuum light source. **2004**, 12, 5287

1837 Optical coherence tomography using a continuous-wave, high-power, Raman continuum light source. **2004**, 12, 5287

1836 Optical coherence tomography using a continuous-wave, high-power, Raman continuum light source. **2004**, 12, 5287

1835 Optical coherence tomography using a continuous-wave, high-power, Raman continuum light source. **2004**, 12, 5287

1834 Optical coherence tomography using a continuous-wave, high-power, Raman continuum light source. **2004**, 12, 5287

1833 Optical coherence tomography using a continuous-wave, high-power, Raman continuum light source. **2004**, 12, 5287

1832 Optical coherence tomography using a continuous-wave, high-power, Raman continuum light source. **2004**, 12, 5287

1831 Optical coherence tomography using a continuous-wave, high-power, Raman continuum light source. **2004**, 12, 5287

1830 Imaging of polarization properties of human retina in vivo with phase resolved transversal PS-OCT. **2004**, 12, 5940

1829 Imaging of polarization properties of human retina in vivo with phase resolved transversal PS-OCT. **2004**, 12, 5940

1828 Simultaneous acquisition of sectional and fundus ophthalmic images with spectral-domain optical coherence tomography. **2005**, 13, 444

1827 Simultaneous acquisition of sectional and fundus ophthalmic images with spectral-domain optical coherence tomography. **2005**, 13, 444

1826 Adaptive optics parallel spectral domain optical coherence tomography for imaging the living retina. **2005**, 13, 4792

1825 Wavelength scanning digital interference holography for variable tomographic scanning. **2005**, 13, 5621

1824 Wavelength scanning digital interference holography for variable tomographic scanning. **2005**, 13, 5621

1823 Investigation of laminar dispersion with optical coherence tomography and optical Doppler tomography. **2005**, 13, 8164

1822 Investigation of laminar dispersion with optical coherence tomography and optical Doppler tomography. **2005**, 13, 8164

1821 Investigation of laminar dispersion with optical coherence tomography and optical Doppler tomography. **2005**, 13, 8164

1820 Investigation of laminar dispersion with optical coherence tomography and optical Doppler tomography. **2005**, 13, 8164

1819 Investigation of laminar dispersion with optical coherence tomography and optical Doppler tomography. **2005**, 13, 8164

1818 Investigation of laminar dispersion with optical coherence tomography and optical Doppler tomography. **2005**, 13, 8164

1817 Investigation of laminar dispersion with optical coherence tomography and optical Doppler tomography. **2005**, 13, 8164

1816 Investigation of laminar dispersion with optical coherence tomography and optical Doppler tomography. **2005**, 13, 8164

1815 Investigation of laminar dispersion with optical coherence tomography and optical Doppler tomography. **2005**, 13, 8164

1814 Adaptive-optics optical coherence tomography for high-resolution and high-speed 3D retinal in vivo imaging. **2005**, 13, 8532

1813 Adaptive-optics optical coherence tomography for high-resolution and high-speed 3D retinal in vivo imaging. **2005**, 13, 8532

1812 Adaptive-optics optical coherence tomography for high-resolution and high-speed 3D retinal in vivo imaging. **2005**, 13, 8532

1811 Adaptive-optics optical coherence tomography for high-resolution and high-speed 3D retinal in vivo imaging. **2005**, 13, 8532

1810 Adaptive-optics optical coherence tomography for high-resolution and high-speed 3D retinal in vivo imaging. **2005**, 13, 8532

1809 Automated detection of retinal layer structures on optical coherence tomography images. **2005**, 13, 10200

1808 High speed spectral domain polarization sensitive optical coherence tomography of the human retina. **2005**, 13, 10217

1807 High speed spectral domain polarization sensitive optical coherence tomography of the human retina. **2005**, 13, 10217

1806 Three-dimensional and C-mode OCT imaging with a compact, frequency swept laser source at 1300 nm. **2005**, 13, 10523

1805 Three-dimensional and C-mode OCT imaging with a compact, frequency swept laser source at 1300 nm. **2005**, 13, 10523

1804 Three-dimensional and high-speed swept-source optical coherence tomography for in vivo investigation of human anterior eye segments. **2005**, 13, 10652

1803 Three-dimensional and high-speed swept-source optical coherence tomography for in vivo investigation of human anterior eye segments. **2005**, 13, 10652

1802 Three-dimensional and high-speed swept-source optical coherence tomography for in vivo investigation of human anterior eye segments. **2005**, 13, 10652

1801 Three-dimensional and high-speed swept-source optical coherence tomography for in vivo investigation of human anterior eye segments. **2005**, 13, 10652

1800 Three-dimensional and high-speed swept-source optical coherence tomography for in vivo investigation of human anterior eye segments. **2005**, 13, 10652

1799 4D embryonic cardiography using gated optical coherence tomography. **2006**, 14, 736

1798 4D embryonic cardiography using gated optical coherence tomography. **2006**, 14, 736

1797 4D embryonic cardiography using gated optical coherence tomography. **2006**, 14, 736

1796 4D embryonic cardiography using gated optical coherence tomography. **2006**, 14, 736

1795 4D embryonic cardiography using gated optical coherence tomography. **2006**, 14, 736

1794 Doppler encoded excitation pattern tomographic optical microscopy. **2010**, 49, H47

1793 Integrated adaptive optics optical coherence tomography and adaptive optics scanning laser ophthalmoscope system for simultaneous cellular resolution in vivo retinal imaging. **2011**, 2, 1674

1792 3D imaging of biofilms on implants by detection of scattered light with a scanning laser optical tomograph. **2011**, 2, 2982

1791 Swept source optical coherence tomography as a tool for real time visualization and localization of electrodes used in electrophysiological studies of brain in vivo. **2011**, 2, 3129

1790 Imaging thermal expansion and retinal tissue changes during photocoagulation by high speed OCT. **2012**, 3, 1025

1789 Imaging thermal expansion and retinal tissue changes during photocoagulation by high speed OCT. **2012**, 3, 1025

1788 Imaging thermal expansion and retinal tissue changes during photocoagulation by high speed OCT. **2012**, 3, 1025

1787 Large-field high-speed polarization sensitive spectral domain OCT and its applications in ophthalmology. **2012**, 3, 2720

1786 High-speed polarization sensitive optical coherence tomography scan engine based on Fourier domain mode locked laser. **2012**, 3, 2987

1785 Spectral domain optical coherence tomography of multi-MHz A-scan rates at 1310 nm range and real-time 4D-display up to 41 volumes/second. **2012**, 3, 3067

1784 In vivo imaging of the rodent eye with swept source/Fourier domain OCT. **2013**, 4, 351

1783 Multi-MHz retinal OCT. **2013**, 4, 1890

1782 Multi-MHz retinal OCT. **2013**, 4, 1890

1781 Handheld simultaneous scanning laser ophthalmoscopy and optical coherence tomography system. **2013**, 4, 2307

1780 Imaging deep skeletal muscle structure using a high-sensitivity ultrathin side-viewing optical coherence tomography needle probe. **2014**, 5, 136

1779 Adaptive optics optical coherence tomography at 1 MHz. **2014**, 5, 4186

1778 Complete 360° circumferential gonioscopic optical coherence tomography imaging of the iridocorneal angle. **2015**, 6, 1376

1777 In vivo visualization of skin inflammation by optical coherence tomography and two-photon microscopy. **2015**, 6, 2512

1776 Heartbeat OCT: in vivo intravascular megahertz-optical coherence tomography. **2015**, 6, 5021

1775 Automated quantitative assessment of three-dimensional bioprinted hydrogel scaffolds using optical coherence tomography. **2016**, 7, 894

1774 Multi-modal adaptive optics system including fundus photography and optical coherence tomography for the clinical setting. **2016**, 7, 1783

1773 Multi-modal adaptive optics system including fundus photography and optical coherence tomography for the clinical setting. **2016**, 7, 1783

1772 Multi-modal adaptive optics system including fundus photography and optical coherence tomography for the clinical setting. **2016**, 7, 1783

1771 Multimodal adaptive optics retinal imager: design and performance. **2012**, 29, 2598

1770 Multimodal adaptive optics retinal imager: design and performance. **2012**, 29, 2598

1769 Multimodal adaptive optics retinal imager: design and performance. **2012**, 29, 2598

1768 High resolution imaging of in vivo cardiac dynamics using color Doppler optical coherence tomography. **1997**, 1, 424

1767 Single-shot phase-stepped wide-field coherence-gated imaging. **2003**, 11, 105

1766 Single-shot phase-stepped wide-field coherence-gated imaging. **2003**, 11, 105

1765 High speed, wide velocity dynamic range Doppler optical coherence tomography (Part I): System design, signal processing, and performance. **2003**, 11, 794

1764 High speed, wide velocity dynamic range Doppler optical coherence tomography (Part II): Imaging in vivo cardiac dynamics of Xenopus laevis. **2003**, 11, 1650

1763 Measurement and imaging of water concentration in human cornea with differential absorption optical coherence tomography. **2003**, 11, 2190

1762 Clutter rejection filters for optical Doppler tomography. **2006**, 14, 6103

1761 Three-dimensional visualization of choroidal vessels by using standard and ultra-high resolution scattering optical coherence angiography. **2007**, 15, 7538

1760 K-space linear Fourier domain mode locked laser and applications for optical coherence tomography. **2008**, 16, 8916

1759 Retinal pigment epithelium segmentation by polarization sensitive optical coherence tomography. **2008**, 16, 16410

1758 Visualization of phase retardation of deep posterior eye by polarization-sensitive swept-source optical coherence tomography with 1-ɟm probe. **2009**, 17, 12385

1757 Ultra high-speed swept source OCT imaging of the anterior segment of human eye at 200 kHz with adjustable imaging range. **2009**, 17, 14880

1756 Ultra high-speed swept source OCT imaging of the anterior segment of human eye at 200 kHz with adjustable imaging range. **2009**, 17, 14880

1755 Tissue discrimination in anterior eye using three optical parameters obtained by polarization sensitive optical coherence tomography. **2009**, 17, 17426

1754 In vivo 3D human vocal fold imaging with polarization sensitive optical coherence tomography and a MEMS scanning catheter. **2010**, 18, 14644

1753 Megahertz OCT for ultrawide-field retinal imaging with a 1050nm Fourier domain mode-locked laser. **2011**, 19, 3044

1752 Megahertz OCT for ultrawide-field retinal imaging with a 1050nm Fourier domain mode-locked laser. **2011**, 19, 3044

1751 Imaging vibrating vocal folds with a high speed 1050 nm swept source OCT and ODT. **2011**, 19, 11880

1750 Imaging vibrating vocal folds with a high speed 1050 nm swept source OCT and ODT. **2011**, 19, 11880

1749 Spatial light interference tomography (SLIT). **2011**, 19, 19907

1748 Spatial light interference tomography (SLIT). **2011**, 19, 19907

1747 GPU accelerated real-time multi-functional spectral-domain optical coherence tomography system at 1300nm. **2012**, 20, 14797

1746 GPU accelerated real-time multi-functional spectral-domain optical coherence tomography system at 1300nm. **2012**, 20, 14797

1745 Full-range spectral domain Jones matrix optical coherence tomography using a single spectral camera. **2012**, 20, 22360

1744 Full-range spectral domain Jones matrix optical coherence tomography using a single spectral camera. **2012**, 20, 22360

1743 Master–slave interferometry for parallel spectral domain interferometry sensing and versatile 3D optical coherence tomography. **2013**, 21, 19324

1742 Master–slave interferometry for parallel spectral domain interferometry sensing and versatile 3D optical coherence tomography. **2013**, 21, 19324

1741 In vivo imaging of middle-ear and inner-ear microstructures of a mouse guided by SD-OCT combined with a surgical microscope. **2014**, 22, 8985

1740 In vivo imaging of middle-ear and inner-ear microstructures of a mouse guided by SD-OCT combined with a surgical microscope. **2014**, 22, 8985

1739 In vivo imaging of middle-ear and inner-ear microstructures of a mouse guided by SD-OCT combined with a surgical microscope. **2014**, 22, 8985

1738 Ultra-high resolution Fourier domain optical coherence tomography for old master paintings. **2015**, 23, 10145

1737 Ultra-high resolution Fourier domain optical coherence tomography for old master paintings. **2015**, 23, 10145

1736 In vivo high-resolution video-rate spectral-domain optical coherence tomography of the human retina and optic nerve. **2004**, 12, 367

1735 In vivo high-resolution video-rate spectral-domain optical coherence tomography of the human retina and optic nerve. **2004**, 12, 367

1734 Three dimensional polarization sensitive OCT of human skin in vivo. **2004**, 12, 3236

1733 Optical coherence tomography using a continuous-wave, high-power, Raman continuum light source. **2004**, 12, 5287

1732 Optical coherence tomography using a continuous-wave, high-power, Raman continuum light source. **2004**, 12, 5287

1731 Wavelength scanning digital interference holography for variable tomographic scanning. **2005**, 13, 5621

1730 Wavelength scanning digital interference holography for variable tomographic scanning. **2005**, 13, 5621

1729 En-face optical coherence tomography - a novel application of non-invasive imaging to art conservation. **2005**, 13, 6133

1728 Investigation of laminar dispersion with optical coherence tomography and optical Doppler tomography. **2005**, 13, 8164

1727 Investigation of laminar dispersion with optical coherence tomography and optical Doppler tomography. **2005**, 13, 8164

1726 Investigation of laminar dispersion with optical coherence tomography and optical Doppler tomography. **2005**, 13, 8164

1725 Adaptive-optics optical coherence tomography for high-resolution and high-speed 3D retinal in vivo imaging. **2005**, 13, 8532

1724 High speed spectral domain polarization sensitive optical coherence tomography of the human retina. **2005**, 13, 10217

1723 Three-dimensional and C-mode OCT imaging with a compact, frequency swept laser source at 1300 nm. **2005**, 13, 10523

1722 Three-dimensional and high-speed swept-source optical coherence tomography for in vivo investigation of human anterior eye segments. **2005**, 13, 10652

1721 Wide-field optical model of the human eye with asymmetrically tilted and decentered lens that reproduces measured ocular aberrations. **2015**, 2, 124

1720 Visualizing the complex 3D geometry of the perfusion border zone in isolated rabbit heart. **2012**, 51, 2713

1719 Optical coherence tomography imaging for analysis of follicular development in ovarian tissue. **2015**, 54, 6111

1718 GPU accelerated real-time multi-functional spectral-domain optical coherence tomography system at 1300nm. **2012**, 20, 14797

1717 High precision dynamic multi-interface profilometry with optical coherence tomography. **2011**, 50, 6039

1716	Visualizing the complex 3D geometry of the perfusion border zone in isolated rabbit heart. **2012**, 51, 2713		
1715	Doppler encoded excitation pattern tomographic optical microscopy. **2010**, 49, H47		
1714	Automatic in-situ observation of tissue laser ablation using optical coherence tomography.		
1713	Optical Coherence Tomography.		
1712	Measurement of corneal thickness by low-coherence interferometry. **1992**, 31, 6637-42		78
1711	Measuring and Imaging in Tissue Using Near-IR Light. **1992**, 3, 27		1
1710	Slit lamp laser Doppler interferometer. **1993**, 13, 447-52		2
1709	Time-resolved Fourier spectrum and imaging in highly scattering media. **1993**, 32, 5043-8		46
1708	Measurement of optical properties of biological tissues by low-coherence reflectometry. **1993**, 32, 6032-42		254
1707	Femtosecond transillumination optical coherence tomography. **1993**, 18, 950-2		157
1706	Femtosecond transillumination tomography in thick tissues. **1993**, 18, 1107		72
1705	In vivo retinal imaging by optical coherence tomography. **1993**, 18, 1864-6		658
1704	MICRON~RESOLUTION BIOMEDICAL IMAGING WITH OPTICAL COHERENCE TOMOGRAPHY. **1993**, 4, 14		16
1703	ELECTRONIC HOLOGRAPHY FOR IMAGING THROUGH TISSUE. **1993**, 4, 19		7
1702	TIME-GATED IMAGING WITH NONLINEAR OPTICAL RAMAN INTERACTIONS. **1993**, 4, 28		11
1701	OCT: images of coherence. *Science*, **1993**, 261, 555	33.3	2
1700	Heterodyne detection for measuring extinction coefficient in mammalian tissue. **1993**, 24, 279-285		3
1699	Optical instrumentation for eye length measurement using a short coherence length laser-based interferometer approach. **1993**, 64, 3082-3087		4

1698	In vivo optical coherence tomography. **1993**, 116, 113-4	331
1697	Biological imaging using optical coherence tomography and microscopy.	
1696	Früherkennung von Hautkrebs mit Lasern. **1994**, 25, 290-293	0
1695	Optical-coherence tomography of a dense tissue: statistics of attenuation and backscattering. **1994**, 39, 1705-20	247
1694	Optical method for estimating the equivalent refractive index of the crystalline lens in vivo. **1994**, 14, 177-83	1
1693	Optical coherence microscopy in scattering media. **1994**, 19, 590-2	469
1692	Experimental study of the effect of absorbing and transmitting inclusions in highly scattering media. **1994**, 33, 6692-8	11
1691	Optical imaging through turbid media with a degenerate four wave mixing correlation time gate. **1994**, 33, 8346-54	15
1690	Optical Tomography for Three-Dimensional Spectroscopy. **1994**, 48, 12A-19A	17
1689	High power superluminescent diode source. **1994**, 30, 1682-1684	19
1688	1.5-μm resolution optical low-coherence reflectometry in biological tissues. **1994**, 2083, 338	7
1687	In-vivo dual-beam optical coherence tomography. **1994**,	6
1686	Scanning laser interferometer for fundus profile measurement of the human eye. **1994**,	2
1685	Recursive recovery of a family of Markov transition probabilities from boundary value data. **1995**, 36, 3395-3412	10
1684	Application of optical coherence interferometry to measure the spatial profile of fluid flow velocity. **1995**, 2546, 341	2
1683	. **1995**, 14, 43-51	17
1682	Optical coherence tomography for ophthalmic imaging: new technique delivers micron-scale resolution. **1995**, 14, 67-76	29
1681	Lasers in ophthalmology. **1995**, 17, 102-59	64

1680	Optical biopsy and imaging using optical coherence tomography. **1995**, 1, 970-2	660
1679	A low coherence □white light□interferometric sensor for eye length measurement. **1995**, 66, 5464-5468	4
1678	Optical coherence tomography in multiply scattering tissue. **1995**,	1
1677	Measurement of the thickness of fundus layers by partial coherence tomography. **1995**, 34, 701	55
1676	Optical coherence tomography of central serous chorioretinopathy. **1995**, 120, 65-74	184
1675	Imaging through random media by use of low-coherence optical heterodyning. **1995**, 20, 404	28
1674	Compact in-line interferometer for low-coherence reflectometry. **1995**, 20, 419	9
1673	Characterization of human scalp hairs by optical low-coherence reflectometry. **1995**, 20, 524-6	28
1672	Characterization of fluid flow velocity by optical Doppler tomography. **1995**, 20, 1337-9	182
1671	High-resolution optical coherence tomographic imaging using a mode-locked Ti:Al(2)O(3) laser source. **1995**, 20, 1486-8	231
1670	Fourier spatial filter acts as a temporal gate for light propagating through a turbid medium. **1995**, 20, 1498-500	53
1669	Determination of the refractive index of highly scattering human tissue by optical coherence tomography. **1995**, 20, 2258	423
1668	Extinction measurements in diffusing mammalian tissue with heterodyne detection and a titanium:sapphire laser. **1995**, 34, 2045-54	6
1667	Multiple scattering in optical coherence microscopy. **1995**, 34, 5699-707	103
1666	Low-coherence optical tomography in turbid tissue: theoretical analysis. **1995**, 34, 6564-74	97
1665	Femtosecond pulse width control in microscopy by two-photon absorption autocorrelation. **1995**, 179, 253-260	19
1664	Precise azimuth polarimeter using optical heterodyne detection for biological tissues.	
1663	Infrared video imaging of subsurface vessels: a feasibility study for the endoscopic management of gastrointestinal bleeding. **1995**, 41, 218-24	21

1662	Surface Profiling by Analysis of White-light Interferograms in the Spatial Frequency Domain. **1995**, 42, 389-401	314
1661	. **1995**, 31, 1494-1503	6
1660	Optical coherence tomography of macular holes. **1995**, 102, 748-56	388
1659	Imaging of macular diseases with optical coherence tomography. **1995**, 102, 217-29	1016
1658	Optical coherence tomography of macular lesions associated with optic nerve head pits. **1996**, 103, 1047-53	140
1657	Characterization of epiretinal membranes using optical coherence tomography. **1996**, 103, 2142-51	309
1656	Optical coherence tomography of age-related macular degeneration and choroidal neovascularization. **1996**, 103, 1260-70	346
1655	Ocular lymphoma in a patient with chronic lymphocytic leukemia. **1996**, 122, 266-8	26
1654	Optic coherence tomography of optic disk pit maculopathy. **1996**, 122, 264-6	61
1653	Precise measurement of the refractive index and optical rotatory power of a suspension by a delayed optical heterodyne technique. **1996**, 35, 2253-8	20
1652	Depth determination of chromophores in human skin by pulsed photothermal radiometry. **1996**, 35, 3379-85	33
1651	Temporal gating in highly scattering media by the degree of optical polarization. **1996**, 21, 161-3	121
1650	Scanning single-mode fiber optic catheter-endoscope for optical coherence tomography. **1996**, 21, 543-5	277
1649	Turbulent nature of refractive-index variations in biological tissue. **1996**, 21, 1310-2	243
1648	Rapid acquisition of in vivo biological images by use of optical coherence tomography. **1996**, 21, 1408-10	161
1647	Self-phase-modulated Kerr-lens mode-locked Cr:forsterite laser source for optical coherence tomography. **1996**, 21, 1839-41	153
1646	Simultaneous measurement of thicknesses and refractive indices of multiple layers by a low-coherence confocal interference microscope. **1996**, 21, 1942-4	98
1645	Emerging Optical Biomedical Imaging Techniques. **1996**, 7, 16	48

1644	The pathways of light measured in fundus reflectometry. **1996**, 36, 2229-47	127
1643	Coherence gating in optical heterodyne detection measurements of scattering and absorption in highly scattering media. **1996**, 63, 249-253	5
1642	T-ray imaging. **1996**, 2, 679-692	521
1641	Three-dimensional computation of light scattering from cells. **1996**, 2, 898-905	173
1640	Depth-resolved holography through turbid media using photorefraction. **1996**, 2, 965-975	31
1639	Optical coherence microscopy in gastrointestinal tissues. **1996**, 2, 1017-1028	233
1638	Optical coherence-gated imaging of biological tissues. **1996**, 2, 1029-1034	33
1637	Reproducibility of nerve fiber layer thickness measurements using optical coherence tomography. **1996**, 103, 1889-98	592
1636	Recent progress in fibre optic low-coherence interferometry. **1996**, 7, 981-999	194
1635	Group refractive index measurement of dry and hydrated type I collagen films using optical low-coherence reflectometry. **1996**, 1, 212-6	63
1634	Selective image extraction by synthesis of the coherence function using two-dimensional optical lock-in amplifier with microchannel spatial light modulator. **1996**,	0
1633	Interferometer methods for tissue dosimetry and determination of material properties. **1996**,	
1632	Time-resolved optical diffusion tomographic image reconstruction in highly scattering turbid media. **1996**, 93, 13561-4	36
1631	High-resolution optical time domain reflectmetry based on a broadband continuous wave multimode laser diode. **1996**, 3, 556-559	
1630	High-resolution optical time domain reflectmetry based on a broadband continuous wave multimode laser diode. **1996**, 3, A556-A559	
1629	Imaging of coronary artery microstructure (in vitro) with optical coherence tomography. **1996**, 77, 92-3	131
1628	Time resolved degree of polarization for human breast tissue. **1996**, 124, 439-442	29
1627	Imaging through animal tissues with CW diode laser based broadband interferometry. **1996**, 130, 317-326	3

1626	Time-resolved backscattering of femtosecond pulses from scattering media an experimental and numerical investigation. **1996**, 131, 351-358	6
1625	Observation of coherent multiple scattering of surface plasmon polaritons on Ag and Au surfaces. **1996**, 262, 573-582	10
1624	Imaging developing neural morphology using optical coherence tomography. **1996**, 70, 65-72	59
1623	Optical coherence tomography. **1996**, 1, 157-73	445
1622	Microdegree Azimuth Polarimeter using Optical Heterodyne Detection. **1996**, 35, 4844-4847	3
1621	Optische Kohrenztomographie zur Gewebsdiagnostik in der Dermatologie. **1996**, 63, 247-253	2
1620	The embryonic form of the integrated superluminescent diode. **1997**, 12, 576-579	1
1619	Short-range order in liquid tellurium probed by X-ray absorption spectroscopy. **1997**, 37, 397-402	20
1618	The scanning laser ophthalmoscope. **1997**, 42, 951-66	40
1617	Array detection for speckle reduction in optical coherence microscopy. **1997**, 42, 1427-39	107
1616	High speed catheter/endoscopic optical coherence tomography for the optical biopsy of in vivo tissues.	2
1615	Microsurgical guidance using optical coherence tomography.	
1614	In vivo blood flow imaging with use of coherence optical Doppler tomography.	
1613	Femtosecond pulse diagnostic with use of two-photon conductivity in semiconductors.	
1612	Optical low-coherence reflectometry to enhance monte Carlo modeling of skin. **1997**, 2, 226-34	12
1611	Imaging spectroscopy of the human ocular fundus in vivo. **1997**, 2, 418-25	18
1610	Coherent detection techniques in optical imaging of tissues. **1997**, 42, 855-67	12
1609	Assessing atherosclerotic plaque morphology: comparison of optical coherence tomography and high frequency intravascular ultrasound. **1997**, 77, 397-403	155

1608	Non-invasive determination of port wine stain anatomy and physiology for optimal laser treatment strategies. **1997**, 42, 937-50	51
1607	Optical Doppler tomography for noninvasive imaging of in-vivo blood flow. **1997**, 2981, 112	3
1606	Optical coherence tomography: a novel tool for micron-resolution biomedical diagnostics.	
1605	In vivo Doppler flow imaging of picoliter blood volumes using optical coherence tomography.	
1604	A comparison of retinal morphology viewed by optical coherence tomography and by light microscopy. **1997**, 115, 1425-8	235
1603	Differential spectral polarization imaging. **1997**,	
1602	Digital signal processing in optical coherence tomography. **1997**,	4
1601	Endoscopic optical coherence tomography. **1997**,	1
1600	Simultaneous measurement of dispersion, spectrum, and distance with a Fourier transform spectrometer. **1997**,	
1599	Optical ocular tomography. **1997**, 18, 39-49	2
1598	High-speed, high-resolution optical coherence tomography with use of femtosecond lasers.	2
1597	Trends in optical biomedical imaging. **1997**, 44, 1617-1642	25
1596	Argon laser retinal lesions evaluated in vivo by optical coherence tomography. **1997**, 123, 188-98	62
1595	Clinical assessment of the macula by retinal topography and thickness mapping. **1997**, 124, 648-60	29
1594	Recognizing structural damage to the optic nerve head and nerve fiber layer in glaucoma. **1997**, 124, 516-20	14
1593	Optical Biopsy in Human Urologic Tissue Using Optical Coherence Tomography. **1997**, 157, 1915-1919	131
1592	Evaluation of coexisting optic nerve head drusen and glaucoma with optical coherence tomography. **1997**, 104, 1138-44	43
1591	Optical imaging in medicine: I. Experimental techniques. **1997**, 42, 825-40	327

1590	Selective image extraction by synthesis of the coherence function using two-dimensional optical lock-in amplifier with microchannel spatial light modulator. **1997**, 9, 514-516		18
1589	Time-resolved fluorescence and photon migration studies in biomedical and model random media. **1997**, 60, 227-292		201
1588	In vivo endoscopic optical biopsy with optical coherence tomography. *Science*, **1997**, 276, 2037-9	33.3	1060
1587	Quantitative in vivo retinal thickness measurements in healthy subjects. **1997**, 104, 639-42		35
1586	Optical biopsy with optical coherence tomography: feasibility for surgical diagnostics. **1997**, 71, 32-40		93
1585	Optical polarization imaging. **1997**, 36, 150-5		233
1584	Three-dimensional tumor localization in thick tissue with the use of diffuse photon-density waves. **1997**, 36, 214-20		31
1583	Multiline, superbroadband and sun-color oscillation of a LiF:F(2)(-) color-center laser. **1997**, 36, 2515-22		12
1582	Contrast limits of coherence-gated imaging in scattering media. **1997**, 36, 2979-83		45
1581	Noise and information in interferometric cross correlators. **1997**, 36, 3948-58		6
1580	Wavelength-tuning interferometry of intraocular distances. **1997**, 36, 6548-53		117
1579	Optical Doppler tomographic imaging of fluid flow velocity in highly scattering media. **1997**, 22, 64-6		371
1578	Optical coherence tomography using a frequency-tunable optical source. **1997**, 22, 340-2		515
1577	Rapid and scalable scans at 21 m/s in optical low-coherence reflectometry. **1997**, 22, 757-9		45
1576	Two-dimensional birefringence imaging in biological tissue by polarization-sensitive optical coherence tomography. **1997**, 22, 934-6		695
1575	Noninvasive imaging of in vivo blood flow velocity using optical Doppler tomography. **1997**, 22, 1119-21		389
1574	Second-harmonic tomography of tissues. **1997**, 22, 1323-5		136
1573	In vivo bidirectional color Doppler flow imaging of picoliter blood volumes using optical coherence tomography. **1997**, 22, 1439-41		500

1572	Forward-imaging instruments for optical coherence tomography. **1997**, 22, 1618-20	129
1571	Optical frequency-domain reflectometry using rapid wavelength tuning of a Cr4+:forsterite laser. **1997**, 22, 1704-6	170
1570	High-speed phase- and group-delay scanning with a grating-based phase control delay line. **1997**, 22, 1811-3	352
1569	Optical Doppler Tomography. **1997**, 8, 31	2
1568	Comparison of double-pass estimates of the retinal-image quality obtained with green and near-infrared light. **1997**, 14, 961-71	56
1567	Model of optical coherence tomography of heterogeneous tissue. **1997**, 14, 1231	137
1566	Supernormal vision and high-resolution retinal imaging through adaptive optics. **1997**, 14, 2884-92	911
1565	Superresolved optical scanning using polychromatic light. **1997**, 14, 3242	
1564	Amplification of broadband incoherent light in homogeneously broadened media in the presence of Kerr nonlinearity. **1997**, 14, 2563	5
1563	High resolution imaging of in vivo cardiac dynamics using color Doppler optical coherence tomography. **1997**, 1, 424-31	132
1562	Image enhancement in optical coherence tomography using deconvolution. **1997**, 33, 1365	65
1561	Non-invasive optical spectroscopy and imaging of human brain function. **1997**, 20, 435-42	1200
1560	Optical coherence tomography of the human skin. **1997**, 37, 958-63	313
1559	Optical Coherence Microscopy: A New Technique for High-Resolution, Non-Invasive Imaging in Bulk Biological Tissues. **1997**, 3, 795-796	
1558	Noninvasive assessment of the developing Xenopus cardiovascular system using optical coherence tomography. **1997**, 94, 4256-61	138
1557	Advances in optical imaging of biomedical media. **1997**, 820, 248-70; discussion 271	52
1556	An optical coherence microscope with enhanced resolving power in thick tissue. **1997**, 142, 203-207	138
1555	Polarization filter for biomedical tissue optical imaging. **1997**, 66, 821-5	16

1554	Spatial-spectral holographic routing and processing devices.	
1553	Lasers and optics in health care. **1997**, 85, 1797-1816	12
1552	Simultaneous Measurement of Refractive Index and Thickness of Transparent Plates by Low Coherence Interferometry. **1997**, 4, 507-515	37
1551	Fiber Sensor Technology Today. **1997**, 3, 356-402	25
1550	Optical biopsy in human pancreatobiliary tissue using optical coherence tomography. **1998**, 43, 1193-9	51
1549	Optical Doppler Tomography: Imaging in vivo Blood Flow Dynamics Following Pharmacological Intervention and Photodynamic Therapy. **1998**, 67, 56-60	70
1548	In vivo cellular optical coherence tomography imaging. **1998**, 4, 861-5	212
1547	Time-resolved and nonlinear optical imaging for medical applications. **1998**, 838, 14-28	34
1546	Optical biopsy with optical coherence tomography. **1998**, 838, 68-74	31
1545	New technology for high-speed and high-resolution optical coherence tomography. **1998**, 838, 95-107	66
1544	Pathology correlations with optical biopsy techniques. **1998**, 838, 143-9	4
1543	Sensors in Ophthalmology. **1998**, 3, 289-223	1
1542	Design and Characterisation of a Tissue Phantom System for Optical Diagnostics. **1998**, 13, 160-171	21
1541	A theory of optical coherence tomography. **1998**, 41, 850-873	22
1540	Dispersion induced multiple signal peak splitting in partial coherence interferometry. **1998**, 154, 179-185	60
1539	Two-dimensional imaging through turbid media using a continuous wave light source. **1998**, 154, 255-260	29
1538	In vivo detection of experimentally induced cortical dysgenesis in the adult rat neocortex using optical coherence tomography. **1998**, 80, 91-8	34
1537	Topography of diabetic macular edema with optical coherence tomography. **1998**, 105, 360-70	513

1536	Effect of optic nerve head drusen on nerve fiber layer thickness. **1998**, 105, 878-85	102
1535	High-resolution cross-sectional imaging of the gastrointestinal tract using optical coherence tomography: preliminary results. **1998**, 47, 515-23	141
1534	Real-time 3-D holographic imaging using photorefractive media including multiple-quantum-well devices. **1998**, 4, 360-369	10
1533	High precision biometry of pseudophakic eyes using partial coherence interferometry. **1998**, 24, 1087-93	99
1532	Accurate determination of effective lens position and lens-capsule distance with 4 intraocular lenses. **1998**, 24, 1094-8	70
1531	Metrological characterization of a novel absolute distance meter based on dispersive comb-spectrum interferometry.	
1530	In vivo images of retinal structure and relation to visual function in hereditary retinal degenerations.	
1529	Imaging of hard- and soft-tissue structure in the oral cavity by optical coherence tomography. **1998**, 37, 3582-5	159
1528	Mapping of Birefringence and Thermal Damage in Tissue by use of Polarization-Sensitive Optical Coherence Tomography. **1998**, 37, 6026-36	84
1527	Coherence and polarization of light propagating through scattering media and biological tissues. **1998**, 37, 7357-67	45
1526	Birefringence characterization of biological tissue by use of optical coherence tomography. **1998**, 23, 228-30	218
1525	Full-field optical coherence microscopy. **1998**, 23, 244-6	290
1524	Using dynamic low-coherence interferometry to image Brownian motion within highly scattering media. **1998**, 23, 319-21	67
1523	Three-dimensional images generated by quadrature interferometry. **1998**, 23, 783-5	41
1522	Velocity-estimation accuracy and frame-rate limitations in color Doppler optical coherence tomography. **1998**, 23, 1057-9	79
1521	Cross-polarized backscatter in optical coherence tomography of biological tissue. **1998**, 23, 1060-2	91
1520	Surface profilometry based on polarization analysis. **1998**, 23, 1800-2	10
1519	Measurement of smoothed Wigner phase-space distributions for small-angle scattering in a turbid medium. **1998**, 15, 1896-908	33

1518	Image formation in turbid media under a microscope. **1998**, 15, 2052	21
1517	Differential absorption imaging with optical coherence tomography. **1998**, 15, 2288	84
1516	Correction of the aberrations in the human eye with a liquid-crystal spatial light modulator: limits to performance. **1998**, 15, 2552-62	102
1515	Propagation and amplification of incoherent pulses in dispersive and nonlinear media. **1998**, 15, 2773	13
1514	OCT elastography: imaging microscopic deformation and strain of tissue. **1998**, 3, 199-211	407
1513	Imaging thermally damaged tissue by Polarization Sensitive Optical Coherence Tomography. **1998**, 3, 212-8	175
1512	In vivo video rate optical coherence tomography. **1998**, 3, 219-29	334
1511	Dental OCT. **1998**, 3, 230-8	189
1510	In vivo OCT imaging of hard and soft tissue of the oral cavity. **1998**, 3, 239-50	248
1509	Investigating pulsed dye laser-blood vessel interaction with color Doppler optical coherence tomography. **1998**, 3, 251-6	33
1508	Quantitative assessment of macular edema with retinal vein occlusion. **1998**, 126, 409-16	29
1507	Partial coherence interferometry: a novel approach to biometry in cataract surgery. **1998**, 126, 524-34	311
1506	Two- and three-dimensional high-resolution imaging of the human oviduct with optical coherence tomography. **1998**, 70, 155-8	33
1505	The monolithic integration of a superluminescent diode with a power amplifier. **1998**, 10, 57-59	14
1504	In-vivo intraocular ranging by wavelength tuning interferometry. **1998**,	3
1503	Corneal group refractive index measurement using low-coherence interferometry. **1998**, 3246, 14	10
1502	Restoration of Optical Coherence Images of Living Tissue Using the CLEAN Algorithm. **1998**, 3, 66-75	80
1501	Noninvasive imaging of living human skin with dual-wavelength optical coherence tomography in two and three dimensions. **1998**, 3, 446-55	87

1500	Dual beam optical coherence tomography: signal identification for ophthalmologic diagnosis. **1998**, 3, 55-65	19
1499	Signal and resolution enhancements in dual beam optical coherence tomography of the human eye. **1998**, 3, 45-54	47
1498	Simultaneous measurement of dispersion, spectrum, and distance with a fourier transform spectrometer. **1998**, 3, 7-11	6
1497	[Value of optical coherence tomography in diagnosis of age-related macular degeneration. Correlation of fluorescein angiography and OCT findings]. **1998**, 212, 141-8	13
1496	Optical Birefringence Imaging of Dentin and Enamel. **1998**, AMC6	
1495	High resolution imaging of the upper respiratory tract with optical coherence tomography: a feasibility study. **1998**, 157, 1640-4	76
1494	Combined optical coherence tomograph and scanning laser ophthalmoscope. **1998**, 34, 1088	47
1493	Velocity accuracy enhancement and frame rate limitations in color Doppler optical coherence tomography. **1998**,	
1492	2-D OPTICAL TOMOGRAPHY FOR MEDICAL APPLICATIONS. **1998**, 14, 183-199	1
1491	Optical Coherence Tomographic Imaging of Human Tissue at 1.55 Ħh and 1.81 Ħh Using Er- and Tm-Doped Fiber Sources. **1998**, 3, 76-9	77
1490	Optical coherence tomography of pneumatic displacement of optic disc pit maculopathy. **1998**, 82, 367-72	83
1489	High-resolution real-time three-dimensional imaging through turbid media using photorefractive holography. **1998**,	
1488	Interventional optical coherence tomography for surgical guidance. **1998**,	1
1487	Cellular and neoplastic tissue imaging with optical coherence tomography. **1998**,	2
1486	Design and performance of an endoscopic OCT system for in vivo studies of human mucosa. **1998**,	
1485	Optical coherence tomography. **1998**, 13, 199-202	16
1484	Adaptive beamforming for optical coherence tomography of biological tissues.	
1483	OPHTHALMIC DIAGNOSIS USING OPTICAL COHERENCE TOMOGRAPHY. **1998**, 11, 465-486	12

1482	Second harmonic and two-photon fluorescence histology of tissues. **1998**,	1
1481	Digital processing of noisy OCT signals in phase space. **1998**,	2
1480	OCT for diagnosis of periodontal disease. **1998**,	4
1479	Distribution sensing by synthesis of the optical coherence function. **1998**,	2
1478	Noninvasive imaging of biological tissue with dual-wavelength optical coherence tomography. **1998**, 3260, 141	0
1477	Optical coherence tomography in scattering media using a continuous-wave tunable laser diode. **1998**,	2
1476	Synthesis of the optical coherence function and its applications in photonic sensing. **1998**, 3478, 254	5
1475	Introduction. **1998**, 1-16	2
1474	Optical coherence tomography for neurosurgical imaging of human intracortical melanoma. **1998**, 43, 834-41	101
1473	Morphological evaluation of full-thickness idiopathic macular holes by optical coherence tomography. **1999**, 9, 212-6	12
1472	Using lasers to image the retina. Interview by Judy Jones. **1999**, 319, 1303	
1471	Optical coherence tomography (OCT): new imaging modes for contrast enhancement.	
1470	Three-dimensional reconstruction of blood vessels from in vivo color Doppler optical coherence tomography images. **1999**, 198, 355-61	57
1469	Retinal thickness analysis in subjects with different refractive conditions. **1999**, 213, 376-9	23
1468	>90mW CW Superluminescent Output Power from Single-Angled Facet-Ridge Waveguide Diode at 1.5 μm. **1999**, 5	1
1467	High resolution imaging of transitional cell carcinoma with optical coherence tomography: feasibility for the evaluation of bladder pathology. **1999**, 72, 1170-6	75
1466	High-Speed Detection of Ballistic Photons Propagating through Suspensions Using Spectral Interferometry. **1999**, 38, 2978-2982	1
1465	Extended range, rapid scanning optical delay line for biomedical interferometric imaging. **1999**, 35, 1404	16

1464	OCT imaging of choroidal neovascularisation and its role in the determination of patients' eligibility for surgery. **1999**, 83, 438-42	40
1463	Dispersion effects in partial coherence interferometry: implications for intraocular ranging. **1999**, 4, 144-51	87
1462	Characterizing the Coherence of Broadband Sources using Optical Phase Space Contours. **1999**, 4, 482-9	5
1461	Phase-domain processing of optical coherence tomography images. **1999**, 4, 125-36	47
1460	Dynamic Range of Optical Reflectometry with Spectral Interferometry. **1999**, 38, 6133-6137	41
1459	Speckle in optical coherence tomography. **1999**, 4, 95-105	547
1458	Determination of the depth resolved Stokes parameters of light backscattered from turbid media using polarization sensitive optical coherence tomography.	
1457	High resolution in vivo intra-arterial imaging with optical coherence tomography. **1999**, 82, 128-33	201
1456	Measurement of coherence length of superluminescent diode irradiation with photoEMF based adaptive photodetector.	
1455	Imaging of osteoarthritic cartilage with optical coherence tomography: micron-structure and polarization sensitivity.	
1454	.	
1453	Real-time two-dimensional imaging through scattering media using 80-fs-gated parametric amplification.	
1452	A uniform format for ocular imaging devices. **1999**, 5, 317-22	1
1451	Molecular genetics of human retinal disease. **1999**, 33, 89-131	179
1450	Imaging and evaluation of neoplasia using optical coherence tomography.	
1449	In vivo human retinal blood flow imaging using color Doppler optical coherence tomography.	
1448	Microscale Aspects of Thermal Radiation Transport and Laser Applications. **1999**, 33, 187-294	77
1447	Subsurface tumor progression investigated by noninvasive optical second harmonic tomography. **1999**, 96, 10854-6	55

1446	Resolution improved optical coherence-gated tomography for imaging through biological tissues. **1999**, 46, 1905-1912	20
1445	High resolution imaging of endometriosis and ovarian carcinoma with optical coherence tomography: feasibility for laparoscopic-based imaging. **1999**, 106, 1071-7	38
1444	Optical coherence tomography in dermatology. **1999**, 5, 83-87	61
1443	Application of near-ir lasers to medical intrascopy tests. **1999**, 20, 116-118	
1442	Coherence Spectrotomography of Layered Medium with White-Light Continuum. **1999**, 6, 71-76	7
1441	Measurement for Scattering Media by Synthesis of Optical Coherence Function with Super-Structure Grating Distributed Bragg Reflector Laser Diode. **1999**, 6, 372-377	3
1440	Dispersive Coherence Spectrotomography with White-Light Continuum. **1999**, 6, 455-458	5
1439	Dispersive comb-spectrum interferometer: metrological characterization. **1999**, 48, 1197-1200	
1438	Coherent Photonic Sensing. **1999**, 6, 131-162	1
1437	Comparison of optical coherence tomography imaging of cataracts with histopathology. **1999**, 4, 450-8	16
1436	Imaging transgenic animals. **1999**, 1, 611-48	78
1435	Dynamic coherent focus OCT with depth-independent transversal resolution. **1999**, 46, 541-553	60
1434	Glaucomatous versus nonglaucomatous optic disc cupping: clinical differentiation. **1999**, 14, 95-108	28
1433	Monte Carlo simulation of an optical coherence tomography signal in homogeneous turbid media. **1999**, 44, 2307-20	118
1432	Frequency-domain optical detection of subsurface blood vessels: experimental and computational studies using a scattering phantom. **1999**, 5, 1032-1039	4
1431	Optical Doppler tomography. **1999**, 5, 1134-1142	103
1430	OCT en-face images from the retina with adjustable depth resolution in real time. **1999**, 5, 1176-1184	30
1429	Optical coherence tomography: high-resolution imaging in nontransparent tissue. **1999**, 5, 1185-1192	110

1428	In vivo infrared tomographic imaging of laser-heated blood vessels. **1999**, 5, 1193-1199	19
1427	Polarization Effects in Optical Coherence Tomography of Various Biological Tissues. **1999**, 5, 1200-1204	59
1426	Optic nerve head and retinal nerve fiber layer analysis. **1999**, 106, 1414-1424	15
1425	Evaluation of focal defects of the nerve fiber layer using optical coherence tomography. **1999**, 106, 570-9	113
1424	Differentiation of degenerative retinoschisis from retinal detachment using optical coherence tomography. **1999**, 106, 600-5	57
1423	Heidelberg retina tomography and optical coherence tomography in normal, ocular-hypertensive, and glaucomatous eyes. **1999**, 106, 2027-32	123
1422	Measurement of the spatial coherence of superluminescent diodes. **1999**, 46, 1763-1774	22
1421	Product Review. **1999**, 93, 135-139	37
1420	Space-time processing with photorefractive volume holography. **1999**, 87, 2086-2097	8
1419	Spectroscopic optical coherence tomography.	1
1418	Patterns of diabetic macular edema with optical coherence tomography. **1999**, 127, 688-93	532
1417	Foveal retinoschisis and retinal detachment in severely myopic eyes with posterior staphyloma. **1999**, 128, 472-6	338
1416	Analysis of the forward problem with diffuse photon density waves in turbid media by use of a diffraction tomography model. **1999**, 16, 455	19
1415	Image enhancement through turbid media under a microscope by use of polarization gating methods. **1999**, 16, 2177	26
1414	Optical coherence tomography (OCT): a review. **1999**, 5, 1205-1215	660
1413	Characterization of dentin and enamel by use of optical coherence tomography. **1999**, 38, 2092-6	109
1412	Evaluation of optical coherence quantitation of analytes in turbid media by use of two wavelengths. **1999**, 38, 2097-104	17
1411	Noise analysis of a combined optical coherence tomograph and a confocal scanning ophthalmoscope. **1999**, 38, 2116-27	45

1410	Separation of measurement of the refractive index and the geometrical thickness by use of a wavelength-scanning interferometer with a confocal microscope. **1999**, 38, 4065-73	57
1409	Low-coherence interferometry with synthesis of coherence function. **1999**, 38, 5974-80	12
1408	Optical and thermal characterization of albumin protein solders. **1999**, 38, 6661-72	12
1407	Determination of the depth-resolved Stokes parameters of light backscattered from turbid media by use of polarization-sensitive optical coherence tomography. **1999**, 24, 300-2	236
1406	Power-efficient nonreciprocal interferometer and linear-scanning fiber-optic catheter for optical coherence tomography. **1999**, 24, 531-3	122
1405	Two-dimensional depth-resolved Mueller matrix characterization of biological tissue by optical coherence tomography. **1999**, 24, 537-9	173
1404	Differential phase contrast in optical coherence tomography. **1999**, 24, 622-4	48
1403	Laser optical feedback tomography. **1999**, 24, 744-6	104
1402	Combined scanning optical coherence and two-photon-excited fluorescence microscopy. **1999**, 24, 969-71	121
1401	In vivo ultrahigh-resolution optical coherence tomography. **1999**, 24, 1221-3	716
1400	Real-time in vivo imaging of human gastrointestinal ultrastructure by use of endoscopic optical coherence tomography with a novel efficient interferometer design. **1999**, 24, 1358-60	145
1399	Optimal interferometer designs for optical coherence tomography. **1999**, 24, 1484-6	168
1398	Synthesized optical coherence tomography for imaging of scattering objects by use of a stepwise frequency-modulated tunable laser diode. **1999**, 24, 1502-4	36
1397	High-flow-velocity and shear-rate imaging by use of color Doppler optical coherence tomography. **1999**, 24, 1584-6	50
1396	Confocal enhanced optical coherence tomography for nondestructive evaluation of paints and coatings. **1999**, 24, 1808-10	24
1395	High-resolution optical coherence tomography-guided laser ablation of surgical tissue. **1999**, 82, 275-84	106
1394	Common framework of subsurface sensing and imaging. **1999**,	
1393	Speckle in optical coherence tomography: an overview. **1999**,	10

1392	Optical coherence tomography of the rat cochlea: preliminary investigations. **1999**,	
1391	Correlations between optical coherence tomography, pattern ERG and visual evoked potentials in patients with ocular hypertension and open angle glaucoma. **1999**, 77, 33-34	1
1390	Optical coherence tomography in idiopathic epiretinal macular membrane surgery. **1999**, 9, 206-11	54
1389	Real-time color Doppler optical coherence tomography using an autocorrelation technique. **1999**, 3598, 168	5
1388	Measurement of smoothed Wigner phase space distributions for coherence tomography. **1999**, 3726, 494	3
1387	Analysis of the equivalence of four models in OCT simulation. **1999**, 3863, 260	
1386	Measurement system for scattering medium by synthesis of coherence function with superstructure grating distributed Bragg reflector laser diode. **1999**,	1
1385	Compatibility of transversal OCT imaging with confocal imaging of the retina in vivo. **1999**,	2
1384	In-vivo evaluation of layered scattering coefficients and refractive indices with OCT. **1999**,	2
1383	Simultaneous optical coherence tomography and confocal imaging for retinal investigations. **1999**, 3732, 362	
1382	Volume holographic imaging of three-dimensional objects. **1999**, 3633, 170	
1381	White-light continuum as a low-coherence light source for interferometry and its applications to dispersive coherence spectrotomography. **1999**, 3744, 44	
1380	Development of an optical coherence tomographic system for imaging of tissue. **1999**, 3863, 220	
1379	HIGH-RESOLUTION IMAGING OF GYNECOLOGIC NEOPLASMS USING OPTICAL COHERENCE TOMOGRAPHY. **1999**, 93, 135-139	77
1378	Clinical applications of optical coherence tomography. **1999**, 10, 182-8	63
1377	Differential phase measurements by partial coherence interferometry. **1999**,	
1376	Biomedical imaging using optical coherence tomography. **1999**, 3749, 402	6
1375	Stokes parameters imaging of light reflected from biological tissue using polarization-sensitive optical coherence tomography. **1999**,	1

1374	OCT imaging of osteoarthritic cartilage: structure, polarization sensitivity, and clinical feasibility. **1999**,	5
1373	Subsurface imaging using the spectral polarization difference technique and NIR illumination. **1999**,	
1372	High-resolution imaging of neoplastic lesions using optical coherence tomography. **1999**,	
1371	Assessment of retinal nerve fiber layer internal reflectivity in eyes with and without glaucoma using optical coherence tomography. **2000**, 118, 1044-7	48
1370	Papillofoveal traction in macular hole formation: the role of optical coherence tomography. **2000**, 118, 32-8	109
1369	Focusing problem in OCT: comparison of Monte-Carlo simulations, the extended Huygens-Fresnel principle, and experiments. **2000**, 3915, 25	5
1368	New modeling of OCT with wave optics. **2000**,	
1367	Watzke-Allen slit beam test in macular holes confirmed by optical coherence tomography. **2000**, 118, 1059-63	22
1366	Imaging of strongly scattering targets based on space-bandwidth product gating. **2000**, 4123, 174	
1365	Optical coherence tomography: new analytical model and the shower curtain effect. **2000**,	3
1364	Imaging with terahertz pulses. **2000**,	1
1363	IMAGING OF THE OPTIC NERVE HEAD AND NERVE FIBER LAYER IN GLAUCOMA. **2000**, 13, 383-406	3
1362	Modeling the optical coherence tomography geometry using the extended Huygens-Fresnel principle and Monte Carlo simulations. **2000**,	3
1361	Methods for imaging the structure and function of living tissues and cells: 1. Optical coherence tomography. **2000**, 191, 115-9	42
1360	Temperature-sensitive polymer-nanoshell composites for photothermally modulated drug delivery. **2000**, 51, 293-8	601
1359	DIAGNOSTIC AND THERAPEUTIC USE OF INFRARED RAYS. **2000**, 12, 116-119	3
1358	Propagation of a partially coherent beam under the interaction of small and large scales. **2000**, 176, 281-297	10
1357	Diode-pumped spatially dispersed broadband Cr:LiSGAF and Cr:LiSAF c.w. laser sources applied to short-coherence photorefractive holography. **2000**, 181, 361-367	14

1356	Phase-drift suppression using harmonics in heterodyne detection and its application to optical coherence tomography. **2000**, 184, 95-104	11
1355	A thermal light source technique for optical coherence tomography. **2000**, 185, 57-64	76
1354	Optical properties of ocular fundus tissues determined by optical coherence tomography. **2000**, 186, 149-153	23
1353	In vivo optical coherence tomography imaging of human skin: norm and pathology. **2000**, 6, 6-16	148
1352	Noninvasive functional imaging of human brain using light. **2000**, 20, 469-77	194
1351	Controlling optical properties of biological tissues: II. Coherent optical methods for studying the tissue structure. **2000**, 88, 936-943	3
1350	In vitro simultaneous measurement of refractive index and thickness of biological tissue by the low coherence interferometry. **2000**, 47, 1266-70	51
1349	Assessment of coronary plaque with optical coherence tomography and high-frequency ultrasound. **2000**, 85, 641-4	127
1348	OCT bei altersbedingter Drusenmakulopathie und Differentialdiagnose. **2000**, 14, 209-213	1
1347	Feasibility of optical coherence tomography for high-resolution imaging of human gastrointestinal tract malignancies. **2000**, 35, 87-92	126
1346	Detection Schemes for Optical-Coherence-Domain Imaging of Biological Tissues. **2000**, 7, 389-395	3
1345	An Approach to Optical Reflection Tomography along the Geometrical Thickness. **2000**, 7, 402-405	12
1344	Coherence Spectrotomography: Optical Spectroscopic Tomography with Low-Coherence Interferometry. **2000**, 7, 406-414	9
1343	Imaging of an Absorbing Object Embedded in a Dense Scattering Medium by Diffusing Light Topography. **2000**, 7, 436-441	7
1342	Optical Coherence Tomography System based on Synthesis of Optica Coherence Function with a Wavelength-Scanning Laser Source. **2000**, 7, 442-447	2
1341	Phase-Drift-Suppression Method Using Higher Order Harmonics in Heterodyne Detection. **2000**, 7, 462-467	2
1340	Simultaneous Measurement of Refractive Index and Thickness by Low Coherence Interferometry Considering Chromatic Dispersion of Index. **2000**, 7, 468-472	17
1339	Imaging and Storage with Spherical-Reference Volume Holograms. **2000**, 233-275	

1338	Optical biopsy needle for optical coherence tomography. **2000**,	
1337	Real-Time, Micrometer Depth-Resolved Imaging by Low-Coherence Reflectometry and a Two-Dimensional Heterodyne Detection Technique. **2000**, 39, L1194-L1196	14
1336	In vivo ultrahigh-resolution, functional optical coherence tomography. **2000**,	1
1335	Polarization-sensitive optical coherence tomography of dental structures. **2000**, 34, 59-69	199
1334	Optical coherence tomography: a new imaging technology for dentistry. **2000**, 131, 511-4	123
1333	Medical application of ultrafast laser. **2000**, 3934, 87	1
1332	Computerized densitometric measurement system (CDMS) for the quantitative analysis of diffuse retinal nerve fiber layer atrophy. **2000**, 24, 237-41	
1331	Anisotropy of light propagation in human skin. **2000**, 45, 2873-86	131
1330	Imaging with THz pulses.	
1329	Ballistic attenuation of low-coherence optical fields. **2000**, 39, 4469-72	7
1328	In vivo endoscopic optical coherence tomography of the human gastrointestinal tract--toward optical biopsy. **2000**, 32, 743-9	114
1327	Optical coherence tomography in the gastrointestinal tract. **2000**, 32, 796-803	98
1326	Two-dimensional optical coherence tomography using spectral domain interferometry. **2000**, 2, 21-26	8
1325	Surface microscopy and fibre characterization using a multimode-fibre reflectance microscope. **2000**, 11, N62-N67	
1324	Partial Elimination of Shot Noise in Optical Delayed Heterodyne Interferometer with Incoherent Light Using Spectral Interference. **2000**, 39, 4777-4781	0
1323	In vivo cervical imaging with an integrated Optical Coherence Tomography colposcope. **2000**, SuC5	3
1322	In vivo endoscopic optical coherence tomography of esophagitis, Barrett's esophagus, and adenocarcinoma of the esophagus. **2000**, 32, 750-5	117
1321	Optical coherence tomography: advanced technology for the endoscopic imaging of Barrett's esophagus. **2000**, 32, 921-30	199

1320	Retinal thickness measurements in optical coherence tomography using a Markov boundary model.	9
1319	Ultrahigh resolution retinal imaging with optical coherence tomography. **2000**,	1
1318	In vivo and ex vivo high-resolution evaluation of neoplastic tissues with optical coherence tomography. **2000**,	1
1317	Background-free THz imaging using interferometric tomography. **2000**,	
1316	Phase-drift suppression in heterodyne detection and its application to optical coherent tomography.	
1315	Optical coherence tomography of the rat cochlea. **2000**, 5, 367-70	38
1314	Spatially confined and temporally resolved refractive index and scattering evaluation in human skin performed with optical coherence tomography. **2000**, 5, 83-92	189
1313	Optical coherence tomography (OCT) abnormalities in rhodopsin mutant transgenic swine with retinal degeneration. **2000**, 70, 247-51	37
1312	Anisotropy and multiple scattering in thick mammalian tissues. **2000**, 17, 149-53	17
1311	Analysis of optical coherence tomography systems based on the extended Huygens-Fresnel principle. **2000**, 17, 484-90	157
1310	Three dimensional OCT images from retina and skin. **2000**, 7, 292-8	166
1309	Design and manufacture of a gradient-index axicon. **2000**, 39, 2687-94	21
1308	Sinusoidal wavelength-scanning interferometric reflectometry. **2000**, 39, 3847-53	4
1307	Longitudinal spatial coherence applied for surface profilometry. **2000**, 39, 4107-11	66
1306	Characterization of Random Media by Low-Coherence Interferometry. **2000**, 54, 1506-1514	7
1305	Video-rate optical low-coherence reflectometry based on a linear smart detector array. **2000**, 25, 102-4	35
1304	Spectroscopic optical coherence tomography. **2000**, 25, 111-3	370
1303	Phase-resolved optical coherence tomography and optical Doppler tomography for imaging blood flow in human skin with fast scanning speed and high velocity sensitivity. **2000**, 25, 114-6	493

1302	Optical low-coherence reflectometer for differential phase measurement. **2000**, 25, 227-9	46
1301	Time-domain transillumination of biological tissues with terahertz pulses. **2000**, 25, 242-4	178
1300	Geometrical cross-sectional imaging by a heterodyne wavelength-scanning interference confocal microscope. **2000**, 25, 548-50	4
1299	Real-time two-dimensional imaging in scattering media by use of a femtosecond Cr(4+):forsterite laser. **2000**, 25, 929-31	24
1298	High-speed fiber based polarization-sensitive optical coherence tomography of in vivo human skin. **2000**, 25, 1355-7	234
1297	Imaging and velocimetry of the human retinal circulation with color Doppler optical coherence tomography. **2000**, 25, 1448-50	150
1296	Imaging needle for optical coherence tomography. **2000**, 25, 1520-2	170
1295	Real-time detection technique for Doppler optical coherence tomography. **2000**, 25, 1645-7	21
1294	Transport-based image reconstruction in turbid media with small source-detector separations. **2000**, 25, 1777-9	51
1293	Optical Coherence Tomography: High Resolution Imaging Using Echoes of Light. **2000**, 11, 24	18
1292	Tomographic features of early macular hole closure after vitreous surgery. **2000**, 130, 192-6	33
1291	Optical coherence tomography of idiopathic macular epiretinal membranes before and after surgery. **2000**, 130, 732-9	225
1290	Evaluation of central serous chorioretinopathy with optical coherence tomography. **2000**, 129, 16-20	129
1289	Optical coherence tomography and scanning laser polarimetry in normal, ocular hypertensive, and glaucomatous eyes. **2000**, 129, 129-35	190
1288	News & Notices. **2000**, 51, 516	
1287	High-resolution imaging of the human esophagus and stomach in vivo using optical coherence tomography. **2000**, 51, 467-74	287
1286	Imaging beyond the endoscope. **2000**, 51, 512-6	3
1285	Reproducibility of nerve fiber layer thickness measurements by use of optical coherence tomography. **2000**, 107, 2278-82	283

1284	Comparison between optical coherence tomography and fundus fluorescein angiography for the detection of cystoid macular edema in patients with uveitis. **2000**, 107, 593-9	184
1283	Integrated optical sensor in glass for optical coherence tomography (OCT). **2000**, 6, 730-734	23
1282	Active stabilization of electrodes for intracellular recording in awake behaving animals. **2000**, 27, 461-8	70
1281	Clinical imaging of cancer metastasis. **2000**, 36, 1661-70	28
1280	Optical coherence tomography as a method for identifying benign and malignant microscopic structures in the prostate gland. **2000**, 55, 783-7	65
1279	Cumulant solution of the elastic boltzmann transport equation in an infinite uniform medium. **2000** , 61, 3871-6	24
1278	Space-Time Processing with Photorefractive Volume Holography Using Femtosecond Laser Pulses. **2000**, 485-518	1
1277	Fluorescence microscopic imaging through tissue-like turbid media. **2000**, 87, 3214-3221	20
1276	Evaluating the optic disc and retinal nerve fiber layer in glaucoma. II: Optical image analysis. **2000**, 15, 206-20	27
1275	Central corneal thickness determined with optical coherence tomography in various types of glaucoma. **2000**, 84, 1233-7	76
1274	Optical coherence tomography: an emerging technology for biomedical imaging and optical biopsy. **2000**, 2, 9-25	568
1273	Do we need more technology to reduce recurrence of bleeding from ulcers?. **2000**, 52, 438-40	5
1272	Techniques characterizing the coronary atherosclerotic plaque: influence on clinical decision making?. **2000**, 36, 13-21	123
1271	Photo-electromotive-force effect in semiconductors. **2001**, 205-272	15
1270	Potential new endoscopic techniques for the earlier diagnosis of pre-malignancy. **2001**, 15, 227-47	12
1269	Diagnosis of specialized intestinal metaplasia by optical coherence tomography. **2001**, 120, 7-12	241
1268	Endoscopic diagnostics. **2001**, 120, 763-81	38
1267	Spectral domain interferometry for OCDR using non-Gaussian broad-band sources. **2001**, 13, 64-66	11

1266	Morphological and functional retinal impairment in Alzheimer's disease patients. **2001**, 112, 1860-7	250
1265	Retinal thickness measurements from optical coherence tomography using a Markov boundary model. **2001**, 20, 900-16	152
1264	Coherent laser detection by frequency-shifted optical feedback. **2001**, 64,	80
1263	Resolution improvement in optical coherence tomography by optimal synthesis of light-emitting diodes. **2001**, 26, 205-7	42
1262	Continuous-wave broadband emitter based on a transition-metal-ion-doped waveguide. **2001**, 26, 283-5	15
1261	Measurement of angular distributions by use of low-coherence interferometry for light-scattering spectroscopy. **2001**, 26, 322-4	40
1260	Elimination of beam walk-off in low-coherence off-axis photorefractive holography. **2001**, 26, 334-6	30
1259	Optical coherence topography based on a two-dimensional smart detector array. **2001**, 26, 512-4	88
1258	Ultrahigh-resolution optical coherence tomography using continuum generation in an air-silica microstructure optical fiber. **2001**, 26, 608-10	668
1257	Noninvasive monitoring of glucose concentration with optical coherence tomography. **2001**, 26, 992-4	168
1256	Laser relaxation-oscillation frequency imaging. **2001**, 26, 1483-5	28
1255	Path-length distribution and path-length-resolved Doppler measurements of multiply scattered photons by use of low-coherence interferometry. **2001**, 26, 1492-4	24
1254	Photonic device fabrication in glass by use of nonlinear materials processing with a femtosecond laser oscillator. **2001**, 26, 1516-8	262
1253	Intraluminal fiber-optic Doppler imaging catheter for structural and functional optical coherence tomography. **2001**, 26, 1906-8	31
1252	Endoscopic optical coherence tomography based on a microelectromechanical mirror. **2001**, 26, 1966-8	209
1251	Optical Tomography of Biotissues: Past, Present, Fututre. **2001**, 12, 28	6
1250	Enhanced Depth Resolution Using Phase-Shift Interferometry. **2001**, 12, 21	1
1249	Ultrafast, cross-correlated harmonic imaging through scattering media. **2001**, 40, 45-51	11

1248	Cone-beam tomography with a digital camera. **2001**, 40, 1795-805	9
1247	Stable carrier generation and phase-resolved digital data processing in optical coherence tomography. **2001**, 40, 5787-90	48
1246	Acoustic modulation and photon-phonon scattering in optical coherence tomography. **2001**, 40, 6381-8	7
1245	Vertex/propagator model for least-scattered photons traversing a turbid medium. **2001**, 18, 224-31	5
1244	Optical cross-sectional imaging with pulse ultrasound wave assistance. **2001**, 18, 1531-4	19
1243	Concurrent enhancement of imaging depth and contrast for optical coherence tomography by hyperosmotic agents. **2001**, 18, 948	155
1242	Topography and volume measurements of the optic nerve usingen-face optical coherence tomography. **2001**, 9, 533-45	33
1241	Measurement and imaging of birefringence and optic axis orientation by phase resolved polarization sensitive optical coherence tomography. **2001**, 9, 780-90	297
1240	Ultrahigh resolution in vivo versus ex vivo OCT imaging and tissue preservation. **2001**,	
1239	Macular traction detachment and diabetic macular edema associated with posterior hyaloidal traction. **2001**, 131, 44-9	148
1238	Optical coherence tomography in optic disk pit maculopathy treated by the macular buckling procedure. **2001**, 132, 184-90	45
1237	Macular traction detachment and diabetic edema associated with posterior hyaloidal traction: Author reply. **2001**, 132, 599-600	
1236	Retinal nerve fiber layer thickness remains unchanged following laser-assisted in situ keratomileusis. **2001**, 132, 512-6	46
1235	. **2001**, 7, 878-886	15
1234	. **2001**, 7, 931-935	37
1233	Efficacy and tolerability outcomes after punctal occlusion with silicone plugs in dry eye syndrome. **2001**, 132, 600-1	2
1232	Optical coherence microscopy for columnar and squamous epithelium discrimination: potential and clinical applicability. **2001**, 1230, 1056-1063	
1231	Correlation between optical coherence tomography, pattern electroretinogram, and visual evoked potentials in open-angle glaucoma patients. **2001**, 108, 905-12	88

1230	Intravitreal triamcinolone for uveitic cystoid macular edema: an optical coherence tomography study. **2001**, 108, 765-72	400
1229	Pars plana vitrectomy for cystoid macular edema secondary to sarcoid uveitis. **2001**, 108, 1140-4	51
1228	Improved prediction of intraocular lens power using partial coherence interferometry. **2001**, 27, 861-7	146
1227	Bronchoscopy. Year 2001 and beyond. **2001**, 22, 225-39, vii	14
1226	Ti:sapphire planar waveguide coherent broadband emitter. **2001**,	
1225	In vivo colposcopic imaging of neoplastic tissues using optical coherence tomography. **2001**,	
1224	Endoscopic optical coherence tomography: clinical applications and functional extensions. **2001**,	
1223	Imaging of fluid flow velocity using Doppler optical coherence tomography: preliminary results.	
1222	Coherent artifacts in optical coherence tomography: observation and cancellation.	0
1221	Reproducibility of nerve fiber layer thickness measurements using optical coherence tomography in silicone oil-filled eyes. **2001**, 215, 91-6	16
1220	Progressive change of optical coherence tomography scans in retinal degeneration slow mice. **2001** , 119, 1329-32	57
1219	Central corneal thickness measurement with a retinal optical coherence tomography device versus standard ultrasonic pachymetry. **2001**, 20, 50-4	141
1218	Diurnal variation of corneal and corneal epithelial thickness measured using optical coherence tomography. **2001**, 20, 480-3	146
1217	Influence of scan radius correction for ocular magnification and relationship between scan radius with retinal nerve fiber layer thickness measured by optical coherence tomography. **2001**, 10, 163-9	50
1216	Cystoid macular edema associated with topical latanoprost in glaucomatous eyes with a normally functioning blood-ocular barrier. **2001**, 10, 233-6	46
1215	Comparison of foveal thickness measured with the retinal thickness analyzer and optical coherence tomography. **2001**, 21, 596-601	75
1214	Findings on retinal topography and thickness mapping in age-related macular degeneration. **2001**, 21, 352-60	14
1213	Optical coherence tomography for the noninvasive evaluation of the cornea. **2001**, 20, 281-9	55

1212	Optical coherence tomography of living and fabricated microfluidic systems.	
1211	Real-time hyperspectral imaging with volume holographic optical elements.	
1210	Optical Coherence Tomography. **2001**, 1-40	6
1209	Optical tomography with amplitude-modulation ultrasound. **2001**, 4250, 508	1
1208	Optical coherence tomography in scattering material for industrial applications. **2001**,	2
1207	Depth penetration limit to optical coherence microscopy in turbid media: the effect of multiply scattered light detection on image contrast and resolution. **2001**,	1
1206	High-resolution imaging of the middle ear with optical coherence tomography: a feasibility study. **2001**, 127, 637-42	55
1205	Ultrahigh-velocity resolution imaging of the microcirculation in-vivo using color Doppler optical coherence tomography. **2001**, 4251, 156	9
1204	High-resolution imaging of colonic mucosa using optical coherence tomography. **2001**, 4251, 242	1
1203	Autocorrelation free spectral OCT techniques in eye imaging. **2001**,	1
1202	Noninvasive characterization of anterior segment structures using real-time optical coherence tomography at 1310 nm. **2001**,	0
1201	High-resolution parallel optical coherence tomography in scattering samples. **2001**,	
1200	Wide-field optical coherence tomography: imaging of biological tissues at 1220 nm. **2001**,	
1199	New dispersion compensation technique for Partial Coherence Interferometry (PCI) and Optical Coherence Tomography (OCT). **2001**, 4431, 12	1
1198	New developments in the detection of vulnerable plaque. **2001**, 3, 125-35	58
1197	Phase-Drift-Suppression in Heterodyne Detection Using Coherent Light Source. **2001**, 8, 37-42	1
1196	The application of optical coherence tomography to problems in polymer matrix composites. **2001**, 35, 135-147	51
1195	Simultaneous low coherence interferometry imaging at two depths using an integrated optic modulator. **2001**, 191, 21-30	13

1194	Numerical investigations of optimal synthesis of several low coherence sources for resolution improvement. **2001**, 192, 183-192	9
1193	Optical coherence tomography. **2001**, 2, 1099-1111	7
1192	Quantitative assessment of retinal thickness in diabetic patients with and without clinically significant macular edema using optical coherence tomography. **2001**, 79, 266-70	73
1191	Optical coherence tomography in dermatology: a review. **2001**, 7, 1-9	376
1190	The prediction of permeability for an epoxy/E-glass composite using optical coherence tomographic images. **2001**, 22, 803-814	21
1189	Optical coherence tomography monitoring for laser surgery of laryngeal carcinoma. **2001**, 77, 253-8	62
1188	In-vivo response to free electron laser incision of the rabbit cornea. **2001**, 29, 44-52	4
1187	Optical coherent reflectometry: a new technique to guide invasive procedures. **2001**, 54, 257-63	9
1186	Functional changes measured with SLO in idiopathic macular holes and in macular changes secondary to premacular fibrosis. Function in macular holes. **2001**, 24, 177-84	13
1185	Scattering properties of the retina and the choroids determined from OCT-A-scans. **2001**, 23, 291-5	10
1184	Comparison of optical coherence tomography and fluorescein angiography in assessing macular edema in retinal dystrophies: preliminary results. **2001**, 23, 321-5	25
1183	Retinal pigment epithelium translocation and central visual function in age related macular degeneration: preliminary results. **2001**, 23, 297-307	22
1182	Use of optical coherence tomography (OCT) and indirect ophthalmoscopy in the diagnosis of macular edema in diabetic patients. **2001**, 24, 331-6	27
1181	White-light interferometer with high sensitivity and resolution using multi-mode fibers. **2001**, 112, 245-249	3
1180	Ultrahigh-resolution ophthalmic optical coherence tomography. **2001**, 7, 502-7	729
1179	Information content of volume holographic imaging. **2001**, 19, 383-92	11
1178	Comparative study of experimental choroidal neovascularization by optical coherence tomography and histopathology. **2001**, 45, 252-8	13
1177	Interferometric imaging with terahertz pulses. **2001**, 7, 592-599	38

1176	Laser Scanning: Update 1. **2001**,	
1175	A Novel Scanning Technique for Optical Coherence Tomography. **2001**, 30, 151-157	2
1174	Optical coherence tomography of the esophagus and proximal stomach in health and disease. **2001**, 96, 2633-9	106
1173	Partially delayed Fizeau interferometer for optical coherence tomography.	1
1172	Optical reflection tomography along the the geometrical thickness toward in vivo imaging of biological tissue.	
1171	Ultrahigh resolution, functional optical coherence tomography using state of the art femtosecond laser technology.	
1170	Real-Time Optical Coherence Tomography for Minimally Invasive Imaging of Prostate Ablation. **2001**, 6, 94-103	33
1169	DMD-enabled confocal microendoscopy. **2001**,	6
1168	The Humphrey optical coherence tomography scanner: quantitative analysis and reproducibility study of the normal human retinal nerve fibre layer. **2001**, 85, 673-7	71
1167	High-sensitivity surface-profile measurements by heterodyne white-light interferometer. **2001**, 40, 387	17
1166	Index matching to improve optical coherence tomography imaging through blood. **2001**, 103, 1999-2003	109
1165	Reproducibility of retinal mapping using optical coherence tomography. **2001**, 119, 1135-42	280
1164	Digital optical imaging of green fluorescent proteins for tracking vascular gene expression: feasibility study in rabbit and human cell models. **2001**, 219, 171-5	11
1163	[Optical coherence tomography in geographic atrophy--a clinicopathologic correlation]. **2001**, 218, 503-9	9
1162	New technologies in endoscopic surgery. **2001**, 10, 199-203	5
1161	High-speed path length scanning using a Herriott cell delay line. **2001**,	
1160	Detection of tumorigenesis in rat bladders with optical coherence tomography. **2001**, 28, 2432-40	45
1159	Phase modulation at 125 kHz in a Michelson interferometer using an inexpensive piezoelectric stack driven at resonance. **2001**, 72, 1630	13

1158	Enhanced depth resolution in terahertz imaging using phase-shift interferometry. **2001**, 78, 835-837	88
1157	Optical Doppler coherence tomography algorithms: quantitative analysis.	
1156	Wide-field, real-time depth-resolved imaging using structured illumination with photorefractive holography. **2002**, 81, 2148-2150	7
1155	Inverse problem theory in the optical depth profilometry of thin films. **2002**, 73, 4057-4141	30
1154	Digital dispersion compensation in optical coherence tomography.	0
1153	Quantum-optical coherence tomography with dispersion cancellation. **2002**, 65,	142
1152	Effects of absorption on coherence domain path length resolved dynamic light scattering in the diffuse regime. **2002**, 81, 595-597	14
1151	High resolution OCT imaging using a spectrally broadened femtosecond Nd:glass laser.	
1150	Optical coherence microscopy using a reflective grating phase delay scanner.	
1149	New wavelength regions for ultrahigh resolution, spectroscopic OCT.	
1148	Near-infrared detection of correlated activity in the brain.	
1147	Intraoperative imaging using optical coherence tomography.	
1146	Ultrasound induced improvement in optical coherence tomography (OCT) resolution. **2002**, 99, 9761-4	14
1145	Naturally occurring rhodopsin mutation in the dog causes retinal dysfunction and degeneration mimicking human dominant retinitis pigmentosa. **2002**, 99, 6328-33	138
1144	Characterization of human atherosclerosis by optical coherence tomography. **2002**, 106, 1640-5	948
1143	High-speed 3D imaging using photorefractive holography with novel low-coherence interferometers. **2002**, 49, 877-887	6
1142	Optimization of low-coherence interferometry for quantitative analysis of tissue optical properties. **2002**,	7
1141	Imaging caries lesions and lesion progression with polarization sensitive optical coherence tomography. **2002**, 7, 618-27	274

1140	Simultaneous refractive index and thickness measurements of bio tissue by optical coherence tomography. **2002**, 7, 628-32	49
1139	Macular edema reflects generalized vascular hyperpermeability in type 2 diabetic patients with retinopathy. **2002**, 25, 2328-34	77
1138	Adaptive coherence imaging system with time-domain filtering.	
1137	Visible light optical coherence tomography. **2002**, 4619, 90	9
1136	Application of synthesized coherence function to distributed optical sensing. **2002**, 13, 1746-1755	26
1135	High-resolution coherence domain reflectometry using 1.55 Ẽh supercontinuum source and quadrature spectral detection. **2002**, 4619, 78	
1134	[Application of Optical Coherence Tomography (OCT) in middle ear surgery]. **2002**, 81, 400-5	23
1133	Imaging caries lesions and lesion progression with polarization-sensitive optical coherence tomography. **2002**, 4610, 113	6
1132	Fourier domain OCT imaging of the human eye in vivo. **2002**, 4619, 230	8
1131	Decreased visual acuity associated with cystoid macular edema in neovascular age-related macular degeneration. **2002**, 120, 731-7	91
1130	Laser Ophthalmology. **2002**, 59-89	2
1129	Using optical coherence tomography to evaluate glaucoma implant healing response in rabbit eyes. **2002**,	
1128	Optical coherence tomography for in situ monitoring of laser corneal ablation. **2002**, 7, 633-42	20
1127	High-speed gated surface profiling with closed-loop optical coherence topography. **2002**, 47 Suppl 1 Pt 1, 189-90	
1126	Optical coherence tomography: a new high-resolution imaging technology to study cardiac development in chick embryos. **2002**, 106, 2771-4	136
1125	Use of a blood substitute to determine instantaneous murine right ventricular thickening with optical coherence tomography. **2002**, 105, 1843-9	18
1124	Retinal topography and thickness mapping in atrophic age related macular degeneration. **2002**, 86, 623-6	13
1123	Application of laser diode in OCT system. **2002**, 4913, 98	

1122 Functional imaging of cat primary visual cortex with optical coherence tomography. **2002**,

1121 Synthetic spatial coherence function for optical tomography and profilometry: simultaneous realization of longitudinal coherence scan and phase shift. **2002**, 2

1120 Optical imaging diagnostics of bladder tissue with optical coherence tomography. **2002**, 4609, 159

1119 Assessment of dental caries with optical coherence tomography: effect of ambient factors. **2002**, 1

1118 Murine myocardium OCT imaging with a blood substitute. **2002**,

1117 Tissue clearing of biotissues for optical coherence tomography. **2002**,

1116 High-resolution optical coherence tomography with fiber-induced broadband source and process algorithm for oral cancer study. **2002**, 4619, 95

1115 Current Perspectives of Imaging in Diagnosis and Management of Bladder Malignancy In Women. **2002**, 4, 58-65

1114 Imaging analysis with optical coherence tomography: relevance for submacular surgery in high myopia and in multifocal choroiditis. **2002**, 22, 192-201 15

1113 Sterile structural imaging of donor cornea by optical coherence tomography. **2002**, 21, 490-4 32

1112 Review of Noninvasive Methods for Skin Blood Flow Imaging in Microcirculation. **2002**, 27, 40-47 8

1111 A History of Ultraviolet Photobiology for Humans, Animals and Microorganisms¶. **2002**, 76, 561 116

1110 Path length distribution of multiple-scattered photons by low-coherence Doppler interferometry. **2002**,

1109 High-speed scanning optical coherence tomography. **2002**, 4916, 259

1108 Real-time optical coherence tomography of the anterior segment using hand-held and slit-lamp adapted systems. **2002**,

1107 Tissue clearing as a tool to enhance imaging capability for optical coherence tomography. **2002**, 6

1106 En-face optical coherence imaging for three-dimensional microscopy. **2002**,

1105 Single-shot cross-correlation system for longitudinal imaging in biological tissues. **2002**, 4625, 179

1104	Low-coherence photorefractive holography for high-speed 3D imaging including through scattering media. **2002**, 4619, 98	1
1103	Ultrahigh resolution optical coherence tomography for quantitative topographic mapping of retinal and intraretinal architectural morphology. **2002**, 4619, 223	
1102	High-speed optical coherence tomography based on line scanning. **2002**, 4916, 543	
1101	Macular hole following cataract extraction. **2002**, 17, 196-8	17
1100	Low-sidelobe limited diffraction optical coherence tomography. **2002**, 4625, 186	
1099	Theoretical comparison of light sources for use in optical coherence tomography. **2002**, 4619, 289	2
1098	Measurement and imaging of birefringent axis by phase resolved polarization sensitive optical coherence tomography. **2002**,	
1097	Low-sidelobe limited diffraction optical coherence tomography. **2002**, 4619, 300	8
1096	Sensitivity estimation of spectroscopic optical coherence tomography. **2002**,	
1095	Long-optical-path scanning mechanism for optical coherence tomography. **2002**, 4920, 132	
1094	DSP-based data acquisition and processing system for OCT. **2002**, 4916, 536	
1093	1.5-μm high-power integrated superluminescent light source. **2002**,	
1092	Imaging the posterior segment in uveitis. **2002**, 15, 281-96, v	12
1091	Imaging of polarization properties of transparent and scattering structures by phase-resolved polarization-sensitive optical-coherence tomography. **2002**, 4707, 120	
1090	Segmentation of 830- and 1310-nm LASIK corneal optical coherence tomography images. **2002**,	9
1089	Monte Carlo modeling of polarized light propagation in a biological tissue. **2002**,	3
1088	Retinal nerve fiber layer analysis: relationship between optical coherence tomography and red-free photography. **2002**, 133, 187-95	60
1087	Correlation of vitreous attachment and foveal deformation in early macular hole states. **2002**, 133, 226-9	89

1086	Ocular and central nervous system paracoccidioidomycosis in a pregnant woman with acquired immunodeficiency syndrome. **2002**, 134, 456-9	30
1085	Evaluation of pulse corticosteroid therapy for vogt-koyanagi-harada disease assessed by optical coherence tomography. **2002**, 134, 454-6	48
1084	Optical coherence tomography measurement of nerve fiber layer thickness and the likelihood of a visual field defect. **2002**, 134, 538-46	68
1083	Optical coherence tomography findings in adult-onset foveomacular vitelliform dystrophy. **2002**, 134, 675-80	68
1082	Multiplex sensors and the constant radiance theorem. **2002**, 27, 16-8	40
1081	Real-time phase-resolved functional optical coherence tomography by use of optical Hilbert transformation. **2002**, 27, 98-100	84
1080	High-resolution optical coherence tomography over a large depth range with an axicon lens. **2002**, 27, 243-5	276
1079	Contrast improvement of confocal retinal imaging by use of phase-correcting plates. **2002**, 27, 400-2	47
1078	Spectral shaping for non-Gaussian source spectra in optical coherence tomography. **2002**, 27, 406-8	93
1077	Imaging and quantifying transverse flow velocity with the Doppler bandwidth in a phase-resolved functional optical coherence tomography. **2002**, 27, 409-11	97
1076	Thermal-light full-field optical coherence tomography. **2002**, 27, 530-2	228
1075	Compact two-photon fluorescence microscope based on a single-mode fiber coupler. **2002**, 27, 1031-3	43
1074	Holographic coherence tomography for measurement of three-dimensional refractive-index space. **2002**, 27, 1102-4	1
1073	En face imaging of single cell layers by differential phase-contrast optical coherence microscopy. **2002**, 27, 1126-8	29
1072	Coaxial Mirau interferometer. **2002**, 27, 1153-5	6
1071	Full range complex spectral optical coherence tomography technique in eye imaging. **2002**, 27, 1415-7	297
1070	Simultaneous intensity, birefringence, and flow measurements with high-speed fiber-based optical coherence tomography. **2002**, 27, 1534-6	76
1069	Phase-resolved functional optical coherence tomography: simultaneous imaging of in situ tissue structure, blood flow velocity, standard deviation, birefringence, and Stokes vectors in human skin. **2002**, 27, 1702-4	64

1068	Gradient-index fiber-optic microprobes for minimally invasive in vivo low-coherence interferometry. **2002**, 27, 1794-6	80
1067	Submicrometer axial resolution optical coherence tomography. **2002**, 27, 1800-2	348
1066	Imagery of local defects in multilayer components by short coherence length interferometry. **2002**, 27, 1899-901	14
1065	Real-time dispersion compensation in scanning interferometry. **2002**, 27, 1998-2000	39
1064	Study of an ultrahigh-numerical-aperture fiber continuum generation source for optical coherence tomography. **2002**, 27, 2010-2	93
1063	Self-referenced Doppler optical coherence tomography. **2002**, 27, 2085-7	14
1062	Imaging of the optic disc and retinal nerve fiber layer: the effects of age, optic disc area, refractive error, and gender. **2002**, 19, 197-207	104
1061	Determination of particle size by using the angular distribution of backscattered light as measured with low-coherence interferometry. **2002**, 19, 737-44	48
1060	Longitudinal imaging in biological tissues with a single laser shot correlation system. **2002**, 10, 35-40	13
1059	Real-time phase-resolved optical coherence tomography and optical Doppler tomography. **2002**, 10, 236-45	66
1058	Ultrahigh resolution optical coherence tomography using a superluminescent light source. **2002**, 10, 349-53	68
1057	Complementary use of cross-polarization and standard OCT for differential diagnosis of pathological tissues. **2002**, 10, 707-13	50
1056	Detection of tumorigenesis in urinary bladder with optical coherence tomography: optical characterization of morphological changes. **2002**, 10, 1431-43	45
1055	Characterization of laser induced damage sites in optical components. **2002**, 10, 1444-50	68
1054	Dynamic optical coherence tomography in studies of optical clearing, sedimentation, and aggregation of immersed blood. **2002**, 41, 258-71	118
1053	High-resolution full-field optical coherence tomography with a Linnik microscope. **2002**, 41, 805-12	329
1052	Low-coherence interferometer system for the simultaneous measurement of refractive index and thickness. **2002**, 41, 1315-22	56
1051	Synthesis of longitudinal coherence functions by spatial modulation of an extended light source: a new interpretation and experimental verifications. **2002**, 41, 1962-71	27

1050	Wide-field optical coherence tomography: imaging of biological tissues. **2002**, 41, 2059-64	47
1049	Geometrical tomographic imaging of refractive indices through turbid media by a wavelength-scanning heterodyne interference confocal microscope. **2002**, 41, 2414-9	7
1048	Stabilization by harmonic intensities for the output signal in heterodyne detection. **2002**, 41, 2461-9	2
1047	Simultaneous three-dimensional step-height measurement and high-resolution tomographic imaging with a spectral interferometric microscope. **2002**, 41, 3874-85	16
1046	Estimation of longitudinal resolution in optical coherence imaging. **2002**, 41, 5256-62	86
1045	Quantitative assessment of flow velocity-estimation algorithms for optical Doppler tomography imaging. **2002**, 41, 6118-27	12
1044	Full-field optical coherence tomography with thermal light. **2002**, 41, 6637-45	54
1043	Derivation of a Monte Carlo method for modeling heterodyne detection in optical coherence tomography systems. **2002**, 41, 6676-91	42
1042	Macular pigment and lutein supplementation in choroideremia. **2002**, 74, 371-81	87
1041	Spinocerebellar ataxia type 7 (SCA7) shows a cone-rod dystrophy phenotype. **2002**, 74, 737-45	87
1040	Optical coherence tomography of the biliary tree during ERCP. **2002**, 55, 84-8	76
1039	Visualization of subsurface blood vessels by color Doppler optical coherence tomography in rats: before and after hemostatic therapy. **2002**, 55, 88-95	40
1038	Real-time and functional optical coherence tomography.	0
1037	Optical coherence tomography: state of the art.	
1036	Review of polarization sensitive optical coherence tomography and Stokes vector determination. **2002**, 7, 359-71	314
1035	Optical coherence tomography. **2002**, 215-302	42
1034	Signal degradation by multiple scattering in optical coherence tomography of dense tissue: a Monte Carlo study towards optical clearing of biotissues. **2002**, 47, 2281-99	110
1033	Optical coherence tomography: technology and applications.	2

1032	In vivo human retinal imaging by Fourier domain optical coherence tomography. **2002**, 7, 457-63		687
1031	Digital stereo image analyzer for generating automated 3-D measures of optic disc deformation in glaucoma. **2002**, 21, 1244-53		40
1030	Image processing techniques for noise removal, enhancement and segmentation of cartilage OCT images. **2002**, 47, 641-55		68
1029	Clinical imaging with optical coherence tomography. **2002**, 9, 942-53		50
1028	IN VIVO OPTICAL COHERENCE TOMOGRAPHY FEASIBILITY FOR BLADDER DISEASE. **2002**, 167, 1492-1496		79
1027	A new high-resolution processing method for the deconvolution of optical coherence tomography signals.		10
1026	Improved performance interferometer designs for optical coherence tomography.		3
1025	Adaptive optical coherence tomography using photorefractive quantum wells.		
1024	A micromachine high frequency ultrasound scanner using photolithographic fabrication. **2002**, 49, 947-58		8
1023	A MEMS based optical fiber scanning probe.		2
1022	Coherent optical information systems. *Science*, **2002**, 298, 1359-63	33.3	72
1021	Biometry of cataractous eyes using partial coherence interferometry: clinical feasibility study of a commercial prototype I. **2002**, 28, 224-9		55
1020	Retinal pigment epithelium translocation after choroidal neovascular membrane removal in age-related macular degeneration. **2002**, 109, 1492-8		105
1019	Noninvasive blood glucose monitoring with optical coherence tomography: a pilot study in human subjects. **2002**, 25, 2263-7		207
1018	Real-time in vivo color Doppler optical coherence tomography. **2002**, 7, 123-9		68
1017	Use of microbubbles as an optical coherence tomography contrast agent. **2002**, 9 Suppl 1, S52-5		47
1016	The future of cancer imaging. **2002**, 269-302		
1015	Comparison of the effectiveness of scanning laser polarimetry and optical coherence tomography for estimating optic nerve fibre layer thickness in patients with glaucoma. **2002**, 216, 168-74		5

1014	Retinal thickness in healthy and diabetic subjects measured using optical coherence tomography mapping software. **2002**, 12, 102-8	146
1013	Endoscopic microscopy. **2002**, 18, 269-91	21
1012	Macular thickness measured by optical coherence tomography (OCT) in diabetic patients. **2002**, 12, 482-7	81
1011	Computer vision and digital imaging technology in melanoma detection. **2002**, 29, 308-27	24
1010	OCT in glaucoma. **2002**, 236, 33-4	1
1009	The macular thickness and volume in glaucoma: an analysis in normal and glaucomatous eyes using OCT. **2002**, 236, 34-6	38
1008	Propylene glycol as a contrasting agent for optical coherence tomography to image gastrointestinal tissues. **2002**, 30, 201-8	103
1007	Non-Scanning Optical Coherence Tomography Using Off-Axis Interferometry with an Angular-Dispersion Imaging Scheme. **2002**, 9, 70-74	2
1006	Influence of Phase Drift on Optical Coherence Tomography Using a CCD Camera-Based Heterodyne Detection Technique. **2002**, 9, 170-175	1
1005	Optical coherence tomography of choroidal neovascularization in high myopia. **2002**, 80, 82-7	46
1004	Optical scanner using a MEMS actuator. **2002**, 102, 176-184	29
1003	Geometric phase-shifting for low-coherence interference microscopy. **2002**, 37, 631-641	31
1002	A new approach for noninvasive skin blood imaging in microcirculation. **2002**, 34, 51-54	4
1001	Parallel optical coherence tomography in scattering samples using a two-dimensional smart-pixel detector array. **2002**, 202, 29-35	32
1000	Implementation of optical coherence tomography (OCT) in visualization of functional structures of cat visual cortex. **2002**, 202, 47-54	46
999	Dispersion compensation for optical coherence tomography depth-scan signals by a numerical technique. **2002**, 204, 67-74	45
998	Improved phase-resolved optical Doppler tomography using the Kasai velocity estimator and histogram segmentation. **2002**, 208, 209-214	88
997	Single-shot correlation system for longitudinal imaging in biological tissues. **2002**, 208, 275-283	6

996	Optical coherence tomography using nonlinear optics in fiber for broadband source generation. **2002**, 212, 391-396	6
995	Partial coherence laser interferometry vs conventional ultrasound biometry in intraocular lens power calculations. **2002**, 16, 552-6	137
994	Correlational study of central corneal thickness measurements on Hong Kong Chinese using optical coherence tomography, Orbscan and ultrasound pachymetry. **2002**, 16, 715-21	107
993	Innovative molecular and imaging approaches for the detection of lung cancer and its precursor lesions. **2002**, 21, 6949-59	51
992	Near-infrared sensitivity enhancement of photorefractive polymer composites by pre-illumination. **2002**, 418, 959-64	83
991	Dissecting tumour pathophysiology using intravital microscopy. **2002**, 2, 266-76	494
990	Visualization of scattering media upon backscattering of a linearly polarized nonmonochromatic light. **2002**, 93, 102-107	2
989	Notes on Past and Current Research at the Laser Centre in Amsterdam. **2002**, 17, 65-72	
988	Optical coherence tomography - principles and applications. **2003**, 66, 239-303	1228
987	Specificity of noninvasive blood glucose sensing using optical coherence tomography technique: a pilot study. **2003**, 48, 1371-90	98
986	Optical Coherence Tomography: Clinical Applications in Dermatology. **2003**, 18, 249-259	41
985	Guidance of aortic ablation using optical coherence tomography. **2003**, 19, 171-8	17
984	New technology for assessing microstructural components of tendons and ligaments. **2003**, 27, 184-9	27
983	A new approach for assessing early osteoarthritis in the rat. **2003**, 377, 1003-6	28
982	Intra- and extra-cavity spectral broadening and continuum generation at 1.5 μm using compact low-energy femtosecond Cr:YAG laser. **2003**, 77, 197-204	14
981	Near-infrared continuum generation of femtosecond and picosecond pulses in doped optical fibers. **2003**, 77, 219-225	4
980	Optical coherence tomography in contact dermatitis and psoriasis. **2003**, 295, 50-5	108
979	Follow-up of age-related macular degeneration patients treated by photodynamic therapy with optical coherence tomography 3. **2003**, 241, 797-802	23

978	Basic Study on Imaging Interferometer using Long Gradient-Index Lenses for Optical Coherence Tomography. **2003**, 10, 452-455	3
977	New Phase-Shifting Method Using Two Images. **2003**, 10, 456-461	
976	Ultra-High Resolution Optical Coherence Tomography (OCT) Using a Halogen Lamp as the Light Source. **2003**, 10, 478-481	24
975	Polarization Sensitive Spectral Interferometric Optical Coherence Tomography for Biological Samples. **2003**, 10, 498-500	8
974	Process Algorithms for Resolution Improvement and Contrast Enhancement in Optical Coherence Tomography. **2003**, 10, 567-571	3
973	Novel Optical Delay Line for Optical Coherence Tomography System. **2003**, 10, 572-575	4
972	Optical Coherence Tomography Premiere in Korea. **2003**, 10, 576-579	1
971	Analysis of rabbit articular cartilage repair after chondrocyte implantation using optical coherence tomography. **2003**, 11, 111-21	75
970	Optical coherence tomography for in vitro monitoring of wound healing after laser irradiation. **2003**, 9, 222-226	8
969	. **2003**, 9, 234-242	41
968	Accurate measurement of total attenuation coefficient of thin tissue with optical coherence tomography. **2003**, 9, 210-221	28
967	Optical coherence tomography. **2003**, 4, 198-204	84
966	Real-time in vivo imaging of dental tissue by means of optical coherence tomography (OCT). **2003**, 227, 203-211	15
965	High-speed depth-sectioned wide-field imaging using low-coherence photorefractive holographic microscopy. **2003**, 219, 87-99	14
964	Optical 3D-storage in sol□el materials with a reading by optical coherence tomography-technique. **2003**, 220, 59-66	14
963	Broadband luminescent materials in waveguide geometry. **2003**, 102-103, 797-801	5
962	Novel functional imaging technique from brain surface with optical coherence tomography enabling visualization of depth resolved functional structure in vivo. **2003**, 124, 83-92	74
961	Microscopy with femtosecond laser pulses: applications in engineering, physics and biomedicine. **2003**, 208-209, 327-332	17

960	Effects of losartan on diabetic maculopathy in type 2 diabetic patients: a randomized, double-masked study. **2003**, 254, 147-58	25
959	Reversible dissociation of collagen in tissues. **2003**, 121, 1332-5	149
958	A retinal pseudotear: optical coherence tomography view through retino-vitreal proliferations. **2004**, 82, 216-7	3
957	Interaction between matrix cracks in E-glass/epoxy two-dimensional multi-fiber-array model composites. **2003**, 41, 2976-2981	5
956	Recent developments in compact ultrafast lasers. **2003**, 424, 831-8	1396
955	Optical coherence tomography for ultrahigh resolution in vivo imaging. **2003**, 21, 1361-7	743
954	Optical coherence tomography: technology and applications for neuroimaging. **2003**, 40, 529-41	58
953	Effect of dextran-induced changes in refractive index and aggregation on optical properties of whole blood. **2003**, 48, 1205-21	56
952	An update on retinal circulation assessment technologies. **2003**, 27, 329-43	48
951	Diagnosis of Barrett's esophagus using optical coherence tomography. **2003**, 13, 309-23	33
950	9. The cavity-enhanced optical-frequency comb generator and its applications. **2003**, 40, 297-319	1
949	Terahertz Imaging. **2003**, 117-153	33
948	Criteria for the diagnosis of dysplasia by endoscopic optical coherence tomography. **2003**, 58, 196-202	105
947	The role of water desorption on optical clearing of biotissue: studied with near infrared reflectance spectroscopy. **2003**, 30, 1246-53	45
946	Evaluation of the glaucomatous damage on retinal nerve fiber layer thickness measured by optical coherence tomography. **2003**, 135, 513-20	267
945	Scanning laser polarimetry with variable corneal compensation and optical coherence tomography in normal and glaucomatous eyes. **2003**, 135, 521-9	98
944	Comparison of optic nerve head measurements obtained by optical coherence tomography and confocal scanning laser ophthalmoscopy. **2003**, 135, 504-12	125
943	Analysis of macular volume in normal and glaucomatous eyes using optical coherence tomography. **2003**, 135, 838-43	110

942	Evaluating pulsatile ocular blood flow analysis in normal and treated glaucomatous eyes. **2003**, 136, 448-53	19
941	Digital algorithm for dispersion correction in optical coherence tomography for homogeneous and stratified media. **2003**, 42, 204-17	64
940	Resolution improvement with dispersion manipulation and a retrieval algorithm in optical coherence tomography. **2003**, 42, 227-34	16
939	High-speed path-length scanning with a multiple-pass cavity delay line. **2003**, 42, 640-8	23
938	Submicrosecond speed optical coherence tomography system design and analysis by use of acousto-optics. **2003**, 42, 3018-26	4
937	Precision of measurement of tissue optical properties with optical coherence tomography. **2003**, 42, 3027-37	77
936	Long-optical-path scanning mechanism for optical coherence tomography. **2003**, 42, 3795-9	12
935	Interferometer for optical coherence tomography. **2003**, 42, 3896-902	21
934	Dispersion in a grating-based optical delay line for optical coherence tomography. **2003**, 42, 4115-8	20
933	Fast-Fourier-domain delay line for in vivo optical coherence tomography with a polygonal scanner. **2003**, 42, 4606-11	28
932	Quantifying Doppler angle and mapping flow velocity by a combination of Doppler-shift and Doppler-bandwidth measurements in optical Doppler tomography. **2003**, 42, 5158-66	14
931	Experimental and numerical analysis of short-pulse laser interaction with tissue phantoms containing inhomogeneities. **2003**, 42, 5173-80	23
930	Theoretical model of the polarization properties of the retinal nerve fiber layer in reflection. **2003**, 42, 5726-36	15
929	Diattenuation and polarization preservation of retinal nerve fiber layer reflectance. **2003**, 42, 5737-43	21
928	Common-path interferometer for frequency-domain optical coherence tomography. **2003**, 42, 6953-8	101
927	Phase-slope and group-dispersion calculations in the frequency domain by simple optical low-coherence reflectometry. **2003**, 42, 6959-66	1
926	Techniques for depth-resolved imaging through turbid media including coherence-gated imaging. **2003**, 36, R207-R227	103
925	Ultrahigh-resolution optical coherence tomography by broadband continuum generation from a photonic crystal fiber. **2003**, 28, 182-4	140

924	Projected index computed tomography. **2003**, 28, 701-3	26
923	Compact, broad-bandwidth fiber laser for sub-2-microm axial resolution optical coherence tomography in the 1300-nm wavelength region. **2003**, 28, 707-9	86
922	Full-field optical coherence tomography by two-dimensional heterodyne detection with a pair of CCD cameras. **2003**, 28, 816-8	99
921	Compact, low-cost Ti:Al2O3 laser for in vivo ultrahigh-resolution optical coherence tomography. **2003**, 28, 905-7	81
920	Measurement of dye diffusion in agar gel by use of low-coherence interferometry. **2003**, 28, 1215-7	12
919	Differential spectral interferometry: an imaging technique for biomedical applications. **2003**, 28, 1332-4	19
918	Simultaneous optical coherence tomography imaging and beta particle detection. **2003**, 28, 1704-6	13
917	Real-time in vivo imaging by high-speed spectral optical coherence tomography. **2003**, 28, 1745-7	224
916	Spectral shaping to improve the point spread function in optical coherence tomography. **2003**, 28, 1921-3	39
915	High-resolution optical coherence microscopy for high-speed, in vivo cellular imaging. **2003**, 28, 2064-6	110
914	Improved signal-to-noise ratio in spectral-domain compared with time-domain optical coherence tomography. **2003**, 28, 2067-9	977
913	Instantaneous quadrature low-coherence interferometry with 3 x 3 fiber-optic couplers. **2003**, 28, 2162-4	95
912	Photonic Device Fabrication With Femtosecond Laser Oscillators. **2003**, 14, 44	4
911	Delay and dispersion characteristics of a frequency-domain optical delay line for scanning interferometry. **2003**, 20, 333-41	40
910	Cartilage thickness measurements from optical coherence tomography. **2003**, 20, 357-67	37
909	Theoretical model of optical coherence tomography for system optimization and characterization. **2003**, 20, 1792-803	18
908	Statistical Characteristics of Polarization - Sensitive Optical Coherence Tomography for Tissue Imaging. **2003**, 7, 211-215	
907	Spatial Resolution Enhancement with Fiber - based Spectral Filtering for Optical Coherence Tomography. **2003**, 7, 216-223	0

906	Optical Delay Amplified by Chirped Fiber Bragg Gratings. **2003**, 7, 224-229	1
905	Single-shot phase-stepped wide-field coherencegated imaging. **2003**, 11, 105-15	49
904	Real-time multi-functional optical coherence tomography. **2003**, 11, 782-93	124
903	High speed, wide velocity dynamic range Doppler optical coherence tomography (Part I): System design, signal processing, and performance. **2003**, 11, 794-809	160
902	Optimal wavelength for ultrahigh-resolution optical coherence tomography. **2003**, 11, 1411-7	92
901	High speed, wide velocity dynamic range Doppler optical coherence tomography (Part II): Imaging in vivo cardiac dynamics of Xenopus laevis. **2003**, 11, 1650-8	65
900	Enhanced visualization of choroidal vessels using ultrahigh resolution ophthalmic OCT at 1050 nm. **2003**, 11, 1980-6	122
899	Sensitivity advantage of swept source and Fourier domain optical coherence tomography. **2003**, 11, 2183-9	1324
898	Measurement and imaging of water concentration in human cornea with differential absorption optical coherence tomography. **2003**, 11, 2190-7	45
897	High speed, wide velocity dynamic range Doppler optical coherence tomography (Part III): in vivo endoscopic imaging of blood flow in the rat and human gastrointestinal tracts. **2003**, 11, 2416-24	76
896	Three-dimensional imaging of the human retina by high-speed optical coherence tomography. **2003** , 11, 2753-61	122
895	High-speed optical frequency-domain imaging. **2003**, 11, 2953-63	666
894	High-speed optical coherence tomography using fiberoptic acousto-optic phase modulation. **2003**, 11, 3210-9	17
893	Determination of birefringence and absolute optic axis orientation using polarization-sensitive optical coherence tomography with PM fibers. **2003**, 11, 3262-70	28
892	Ultrahigh resolution real time OCT imaging using a compact femtosecond Nd:Glass laser and nonlinear fiber. **2003**, 11, 3290-7	89
891	Nanoshell-mediated near-infrared thermal therapy of tumors under magnetic resonance guidance. **2003**, 100, 13549-54	3196
890	Emerging biomedical sensing technologies and their applications. **2003**, 3, 251-266	111
889	In vivo micropathology of Best macular dystrophy with optical coherence tomography. **2003**, 76, 203-11	57

888	Combined in vivo confocal Raman spectroscopy and confocal microscopy of human skin. **2003**, 85, 572-80	350
887	Reliability of nerve fiber layer thickness measurements using optical coherence tomography in normal and glaucomatous eyes. **2003**, 110, 190-5	135
886	Optical coherence tomography measurement of macular and nerve fiber layer thickness in normal and glaucomatous human eyes. **2003**, 110, 177-89	318
885	Optical coherence tomography assessment of retinal nerve fiber layer thickness changes after glaucoma surgery. **2003**, 110, 1506-11	75
884	Dynamic morphology of clear corneal cataract incisions. **2003**, 110, 2342-8	171
883	High-power integrated superluminescent light source. **2003**, 39, 149-153	12
882	Performance of Ar/sup +/-milled Ti:sapphire rib waveguides as single transverse-mode broadband fluorescence sources. **2003**, 39, 501-507	31
881	Gastrointestinal optical coherence tomography. **2003**, 5, 94-101	12
880	The diagnosis of lymph microcirculation in experimental studies on rat mesentery in vivo. **2003**, 4965, 55	2
879	Axial and peripheral eye length measured with optical low coherence reflectometry. **2003**, 8, 655-62	27
878	Texture analysis of optical coherence tomography images: feasibility for tissue classification. **2003**, 8, 570-5	141
877	Array coherence tomography (ACT) imaging in clutter environment.	
876	Observations of birefringence in tissues from optic-fibre-based optical coherence tomography. **2003**, 14, 41-46	12
875	Imaging of non-parabolic velocity profiles in converging flow with optical coherence tomography. **2003**, 48, 2907-18	18
874	Investigating sun-damaged skin and actinic keratosis with optical coherence tomography: a pilot study. **2003**, 2, 525-35	62
873	Speckle reduction in optical coherence tomography by frequency compounding. **2003**, 8, 565-9	191
872	Evaluation of heredity as a determinant of retinal nerve fiber layer thickness as measured by optical coherence tomography. **2003**, 44, 3011-6	36
871	Microscopic three-dimensional imaging by digital interference holography. **2003**, 12, 643	19

870	Correlation of quantitative light-induced fluorescence and optical coherence tomography applied for detection and quantification of early dental caries. **2003**, 8, 642-7	83
869	Hand-held arthroscopic optical coherence tomography for in vivo high-resolution imaging of articular cartilage. **2003**, 8, 648-54	84
868	Multiaxial beam combiner for optical coherence tomography. **2003**, 42, 75	4
867	A rat virus visits the clinic: translating basic discoveries into clinical medicine in the 21st century. **2003**, 52, 8-9	2
866	HLA-DQ8 as an Ir gene in coeliac disease. **2003**, 52, 7-8	13
865	S, m, l, xl. **2003**, 52, 5-7	6
864	Optical clearing effect on gastric tissues immersed with biocompatible chemical agents investigated by near infrared reflectance spectroscopy. **2003**, 36, 1707-1713	29
863	Optical coherence and Doppler tomography for monitoring tissue changes induced by laser thermal therapy: An in vivo feasibility study. **2003**, 74, 437-440	8
862	Demonstration of dispersion-canceled quantum-optical coherence tomography. **2003**, 91, 083601	188
861	Holographic optical coherence imaging of tumor spheroids. **2003**, 83, 575-577	54
860	Hopf amplification of frequency-shifted optical feedback. **2003**, 67,	9
859	Quasi-simultaneous OCT en-face imaging with two different depth resolutions. **2003**, 36, 1696-1702	5
858	Quantification of macrophage content in atherosclerotic plaques by optical coherence tomography. **2003**, 107, 113-9	558
857	IOLMaster biometry: refractive results of 100 consecutive cases. **2003**, 87, 960-3	115
856	Comparison of high frequency ultrasound and optical coherence tomography as modalities for high resolution and non invasive skin imaging. **2003**, 48, 116-21	52
855	Instrumentation for multi-modal spectroscopic diagnosis of epithelial dysplasia. **2003**, 2, 505-14	37
854	Correlation between morphological and functional retinal impairment in patients affected by ocular hypertension, glaucoma, demyelinating optic neuritis and Alzheimer's disease. **2003**, 18, 50-7	79
853	Macular thickness changes in glaucomatous optic neuropathy detected using optical coherence tomography. **2003**, 121, 41-6	177

852	Ultrahigh-resolution OCT using white-light interference microscopy. **2003**, 4956, 14	1
851	Precision of quantitative absorption measurement with spectroscopic optical coherence tomography. **2003**, 5140, 84	
850	Optische Koh□enztomographie - ein neues hochaufl¶sendes Schnittbildverfahren als Erg□zung zur Kolposkopie. **2003**, 63, 1158-1161	5
849	Short pulse laser propagation through tissues for biomedical imaging. **2003**, 36, 1714-1721	15
848	In vivo imaging of human retinal flow dynamics by color Doppler optical coherence tomography. **2003**, 121, 235-9	89
847	High-speed wide-field coherence-gated imaging via photorefractive holography with photorefractive multiple quantum well devices. **2003**, 5, S448-S456	5
846	Ultrasound-Modulated Optical Tomography in Reflective and Coaxial Configuration. **2003**, 20, 2165-2168	4
845	DSP-based optical Doppler tomography system for real-time signal processing. **2003**,	1
844	Optical coherence tomography using tissue clearing for skin disease diagnosis. **2003**,	8
843	High-sensitivity detection and monitoring of microcirculation using cutaneous and catheter probes for Doppler optical coherence tomography. **2003**,	4
842	Imaging of cartilage degeneration progression in vivo using ultrahigh-resolution OCT. **2003**,	1
841	Texture analysis for tissue classification of optical coherence tomography images. **2003**,	
840	Controls of spectral shape and dispersion mismatch for high-resolution optical coherence tomography. **2003**,	
839	Spectroscopic imaging of bladder cancer. **2003**, 4949, 125	
838	Optical coherence tomography using a photorefractive polymer composite. **2003**, 4956, 333	1
837	High-resolution three-dimensional imaging inside biological media using white-light interference microscopy. **2003**, 5140, 43	1
836	Time-resolved spectroscopic optical coherence tomography for diffusion measurements. **2003**,	0
835	Real-time multifunctional optical coherence tomography. **2003**,	

834 Scattering and refractive index properties of skin obtained with OCT. **2003**,

833 Wide-field coherence gated imaging: photorefractive holography and wide-field coherent heterodyne imaging. **2003**, 1

832 Clinician's Corner. **2003**, 1, 102-105

831 Macular thickness measurements in healthy subjects with different axial lengths using optical coherence tomography. **2003**, 23, 177-82 141

830 Retinal nerve fiber layer measurement by optical coherence tomography in glaucoma suspects with short-wavelength perimetry abnormalities. **2003**, 12, 45-9 32

829 The Treatment of Focal Articular Cartilage Lesions of the Knee. **2003**, 11, 202-212 2

828 Clinical Assessment of the Optic Nerve and Peripapillary Retinal Nerve Fiber Layer. **2003**, 1, 98-102

827 New Technology for the Diagnosis and Monitoring of Glaucoma. **2003**, 1, 127-132

826 Optical coherence tomography for the detection of laser in situ keratomileusis in donor corneas. **2003**, 22, 46-50 33

825 En-face optical coherence tomography. **2003**, 5068, 248 1

824 Optical coherence tomography for an adaptive optics retina camera. **2003**, 4829, 641 2

823 Doppler angler and flow velocity estimation using conventional single-probing-beam optical Doppler tomography. **2003**,

822 Application of VRML for three-dimensional interactive real-time comparison of OCT structures with standard histology. **2003**,

821 Portable broadband light sources using a femtosecond Nd:Glass laser and nonlinear fiber for ultrahigh-resolution OCT imaging. **2003**, 1

820 Confocal device and application strategies for endoluminal optical coherence microscopy. **2003**,

819 Optical characterization of contrast agents for optical coherence tomography. **2003**, 4967, 129 5

818 Sampling function in en-face OCT. **2003**, 5140, 101

817 Short-pulse laser propagation through tissues. **2003**, 1

816	Transverse priority scanning and microscopy for high-resolution optical coherence tomography. **2003**,	1
815	Self-referenced Doppler optical coherence tomography. **2003**, 4956, 213	
814	Multiplanar OCT/confocal ophthalmoscope in the clinic. **2003**, 4956, 59	1
813	In vivo and ex vivo tissue applications of two-photon microscopy. **2003**, 361, 481-505	12
812	Imaging brain morphology with ultrahigh-resolution optical coherence tomography. **2003**,	2
811	Assessing blood vessel abnormality via extracting scattering coefficients from OCT images. **2003**, 5140, 12	5
810	Real-time in vivo imaging of dental tissue by means of optical coherence tomography (OCT). **2003**,	
809	Distortion corrected imaging using projected index computed tomography. **2003**,	
808	Ultrafast parallel coherence gating for an adaptive optics retina camera. **2003**, 4956, 352	1
807	Coherence gating and adaptive optics in the eye. **2003**, 4956, 65	32
806	Theoretical and experimental characterization of a stationary low-coherence interferometer for optical coherence tomography. **2003**, 5140, 60	1
805	Fourier analysis of optical coherence tomography and scanning laser polarimetry retinal nerve fiber layer measurements in the diagnosis of glaucoma. **2003**, 121, 1238-45	44
804	Optical Coherence Tomography: Principles and Applications. **2003**, 31, 635-642	3
803	Histologic correlation of pig retina radial stratification with ultrahigh-resolution optical coherence tomography. **2003**, 44, 1696-703	204
802	Ultrafast Time-Resolved Imaging Gate. **2003**, 31, 647-653	
801	Basic Study on Synthesized Light Source for Optical Coherence Tomography. **2003**, 31, 663-667	
800	Optical coherence tomography in the evaluation of vitreoretinal disorders of the macula in highly myopic eyes. **2003**, 18, 85-8	13
799	Technical Development of Optical Coherence Tomography for Clinical Application. **2003**, 31, 654-662	8

798	Optical tomography-measured retinal nerve fiber layer thickness in normal latinos. **2003**, 44, 3369-73	136
797	Topographical thickness of the epithelium and total cornea after overnight wear of reverse-geometry rigid contact lenses for myopia reduction. **2003**, 44, 4742-6	101
796	Noncontact measurements of central corneal epithelial and flap thickness after laser in situ keratomileusis. **2004**, 45, 1812-6	85
795	Delayed regeneration of foveal cone photopigments in Vogt-Koyanagi-Harada disease at the convalescent stage. **2004**, 45, 318-22	8
794	Variation of peripapillary retinal nerve fiber layer birefringence in normal human subjects. **2004**, 45, 3073-80	67
793	Comparison of Heidelberg Retina Tomograph II and Retinal Thickness Analyzer in the assessment of diabetic macular edema. **2004**, 45, 610-6	25
792	Lasers, Medical Use of. **2004**,	
791	Thickness and birefringence of healthy retinal nerve fiber layer tissue measured with polarization-sensitive optical coherence tomography. **2004**, 45, 2606-12	174
790	Reproducibility of nerve fiber thickness, macular thickness, and optic nerve head measurements using StratusOCT. **2004**, 45, 1716-24	470
789	Optical coherence tomography 3: Automatic delineation of the outer neural retinal boundary and its influence on retinal thickness measurements. **2004**, 45, 2399-406	132
788	Robust Extraction of the Optic Nerve Head in Optical Coherence Tomography. **2004**, 395-407	13
787	Optical Tomography. **2004**,	
786	Quantitative tomographic birefringence imaging of fibrous tissues with polarization sensitive optical coherence tomography. **2004**, FH45	
785	High resolution ultrasound elastomicroscopy imaging of soft tissues: system development and feasibility. **2004**, 49, 3925-38	30
784	Broadband Light Source Based on Stimulated Raman Scattering in Silica Optical Fiber for Optical Coherence Tomography. **2004**, 43, 4195-4197	1
783	The potential of optical coherence tomography in the engineering of living tissue. **2004**, 49, 1097-115	61
782	Imaging of mixing dynamics in micromixers using microscopy and optical coherence tomography. **2004**,	
781	Variation of corneal refractive index with hydration. **2004**, 49, 859-68	41

780	High power polarization-insensitive 1.3 μm InGaAsP□hP quantum-well superluminescent emission diodes grown by MOVPE. **2004**, 19, 823-827	2
779	Group velocity dispersion effects with water and lipid in 1.3 microm optical coherence tomography system. **2004**, 49, 923-30	21
778	Transversal phase resolved polarization sensitive optical coherence tomography. **2004**, 49, 1257-63	75
777	Diode-Pumped Self-Starting Mode-Locked Nd:YVO 4 Laser with Semiconductor Saturable Absorber Output Coupler. **2004**, 21, 2209-2211	15
776	High-resolution visualization of fluid dynamics with Doppler optical coherence tomography. **2004**, 15, 725-733	30
775	Applications of metrology for optical coherence tomography. **2004**,	
774	Full-field optical coherence microscopy. **2004**,	
773	Full-field optical coherence tomography using long gradient-index lenses for internal tissues. **2004**, FH31	1
772	Oxygen saturation-dependent absorption and scattering of blood. **2004**, 93, 028102	162
771	Optical coherence tomography implemented by photonic crystal fiber.	
770	Improved phase modulation for an en-face scanning three-dimensional optical coherence microscope. **2004**, 75, 3348-3350	5
769	Spectroscopic measurement in turbid media by spectroscopic optical coherence tomography.	
768	Polarization-sensitive quantum-optical coherence tomography. **2004**, 69,	10
767	Full-field coherence-gated holographic imaging through scattering media using a photorefractive polymer composite device. **2004**, 85, 363-365	14
766	Axial resolution enhancement for an OCT system implemented by mechanically induced long-period fiber grating.	
765	Second harmonic optical coherence tomography. **2004**, 2004, 5304-6	
764	Non-contact fast wafer metrology for ultra-thin patterned wafers mounted on grinding and dicing tapes.	1
763	Characterization of collagen orientation in human dermis by two-dimensional second-harmonic-generation polarimetry. **2004**, 9, 259-64	93

762	Secondary retinal changes associated with choroidal naevi and melanomas documented by optical coherence tomography. **2004**, 88, 120-4	47
761	Low Coherence Interferometric Metrology for Ultra-thin MEMs Structures. **2004**, 820, 207	
760	Imaging using volume holograms. **2004**, 43, 1959	25
759	Structural and functional imaging of 3D microfluidic mixers using optical coherence tomography. **2004**, 101, 7516-21	56
758	Birefringence measurements in human skin using polarization-sensitive optical coherence tomography. **2004**, 9, 287-91	109
757	Ultrahigh-resolution optical coherence tomography. **2004**, 9, 47-74	385
756	Imaging ex vivo and in vitro brain morphology in animal models with ultrahigh resolution optical coherence tomography. **2004**, 9, 719-24	42
755	Healed neointima of in-stent restenosis lesions in patients with stable angina pectoris: an intracoronary optical coherence tomography study.. **2022**, 1	0
754	Introduction to optical coherence elastography: tutorial.. **2022**, 39, 418-430	2
753	Ophthalmic imaging for the diagnosis and monitoring of glaucoma: A review.. **2022**,	0
752	Development and ex-vivo validation of 36G polyimide cannulas integrating a guiding miniaturized OCT probe for robotic assisted subretinal injections.. **2022**, 13, 850-861	0
751	Endoscopic optical coherence tomography and fluorescence imaging using correlation-based probe tracking.. **2022**, 13, 761-776	0
750	Esophageal optical coherence tomography image synthesis using an adversarially learned variational autoencoder.. **2022**, 13, 1188-1201	2
749	Magnetic particles in motion: magneto-motive imaging and sensing.. **2022**, 12, 1783-1799	0
748	Computational adaptive optics for high-resolution non-line-of-sight imaging.. **2022**, 30, 4583-4591	1
747	Full-range optical coherence refraction tomography.. **2022**, 47, 894-897	
746	Noninvasive Estimation of Pulsatile and Static Intracranial Pressure by Optical Coherence Tomography.. **2022**, 11, 31	0
745	High-speed balanced-detection visible-light optical coherence tomography in the human retina using subpixel spectrometer calibration.. **2022**, PP,	1

744	Improved sparse representation algorithm for optical coherence tomography images.	
743	Double-Clad Fiber-Based Multifunctional Biosensors and Multimodal Bioimaging Systems: Technology and Applications.. **2022**, 12,	1
742	Recent advances in in-process characterization of suspensions and slurries. **2022**, 117159	1
741	Exploiting Nanomaterials for Optical Coherence Tomography and Photoacoustic Imaging in Nanodentistry.. **2022**, 12,	0
740	Non-invasive imaging through scattering medium beyond the memory effect via polarization-modulation. **2022**, 511, 127857	0
739	Computer-aided Veress needle guidance using endoscopic optical coherence tomography and convolutional neural networks.. **2022**, e202100347	
738	Bandwidth compensation in swept laser source using the asymmetric sinusoidal modulation. **2022**, 121, 104007	
737	Age-related viscoelasticity changes in rabbit lens measured by optical coherence elastography. **2022**,	
736	Line-field confocal optical coherence tomography (LC-OCT) for ex-vivo skin imaging with extended field-of-view. **2022**,	1
735	Informative OCT radiomic features towards improved melanoma detection. **2022**,	
734	Absolute flow measurement in chicken embryo based on optical coherence tomography with direct Doppler angle measuring. **2022**, 121, 104053	
733	Mirau-based line-field confocal optical coherence tomography for three-dimensional high-resolution skin imaging. **2022**,	
732	Functional optical coherence tomography in the study of plant-sound interactions. **2022**,	
731	NDE in Additive Manufacturing of Ceramic Components. **2022**, 735-753	
730	Optical Coherence Tomography as Monitoring Technology for the Additive Manufacturing of Future Biomedical Parts. **2022**, 859-881	
729	Polarization Independent Optical Coherence Tomography. **2022**, 1-1	
728	Intra- and Inter-Slice Contrastive Learning for Point Supervised OCT Fluid Segmentation.. **2022**, PP,	2
727	Data-driven modeling of heterogeneous viscoelastic biofilms.. **2022**,	0

726	Do biometric parameters improve the quality of optic nerve head measurements with spectral domain optical coherence tomography?. **2022**, 22, 56	
725	A Tool for High-Resolution Volumetric Optical Coherence Tomography by Compounding Radial-and Linear Acquired B-Scans Using Registration.. **2022**, 22,	2
724	Genotypic and Phenotypic Spectrum of Foveal Hypoplasia: A Multi-centre Study.. **2022**,	0
723	AS-OCT and Ocular Hygrometer as Innovative Tools in Dry Eye Disease Diagnosis. **2022**, 12, 1647	1
722	Increased capillary stalling is associated with endothelial glycocalyx loss in subcortical vascular dementia.. **2022**, 271678X221076568	3
721	High-resolution, non-contact, cellular level imaging of the cornea of the eye in vivo. **2022**, 150, 107922	
720	Oculomics - The eyes talk a great deal.. **2022**, 70, 713	0
719	Holographic 3D Imaging through Random Media: Methodologies and Challenges. **2022**, 3, 1	0
718	Spatial narrowing of two-photon imaging in a silicon CCD camera. **2022**, 1-1	
717	A Distributed Bonding Interfacial Loss Characterizing Method of Composite Crystal Based on Optical Low-Coherence Domain Reflectometry. **2022**, 71, 1-7	
716	AIM in Barrett□ Esophagus. **2022**, 951-966	
715	Instrumentation for Intraoperative Detection and Imaging. **2022**, 1-35	
714	Assessment of retinal manifestations of Parkinson's disease using spectral domain optical coherence tomography: A study in Indian eyes.. **2022**, 70, 448-452	1
713	Commentary: Usefulness of corneal epithelial thickness measurement.. **2022**, 70, 1178-1179	
712	Nomogram of peripapillary retinal nerve fiber layer thickness in myopic eyes of north Indian population.. **2022**, 70, 458-464	
711	Swept-Source Optical Coherence Vibrometer: Principle and Applications. **2022**, 71, 1-9	
710	Overview of the application of inorganic nanomaterials in breast cancer diagnosis. 1-19	0
709	Truncated conical-tip fiber probe for common-path optical coherence tomography with optimal sensitivity. **2022**, 1-1	

708	The In Vivo Quantitative Assessment of the Effectiveness of Low-Dose Photodynamic Therapy on Wound Healing Using Optical Coherence Tomography.. **2022**, 14,	1
707	Expert consensus statement for quantitative measurement and morphological assessment of optical coherence tomography: update 2022.. **2022**, 37, 248	5
706	Textural Feature Analysis of Optical Coherence Tomography Phantoms. **2022**, 11, 669	1
705	Artificial Intelligence-A Good Assistant to Multi-Modality Imaging in Managing Acute Coronary Syndrome.. **2021**, 8, 782971	1
704	Alzheimer's Disease Seen through the Eye: Ocular Alterations and Neurodegeneration.. **2022**, 23,	2
703	Metasurface-based bijective illumination collection imaging provides high-resolution tomography in three dimensions. **2022**, 16, 203-211	3
702	Choroidal imaging using optical coherence tomography: ́techniques and interpretations.. **2022**, 1	0
701	Hemoporfin-Mediated Photodynamic Therapy for Port-Wine Stains: Multivariate Analysis of Clinical Efficacy and Optical Coherence Tomography Appearance.. **2022**, 9, 800836	0
700	Optical coherence tomography in neurodegenerative disorders.. **2022**, 80, 180-191	0
699	Variability in Retinal Neuron Populations and Associated Variations in Mass Transport Systems of the Retina in Health and Aging.. **2022**, 14, 778404	0
698	Automatic Detection of Age-Related Macular Degeneration Based on Deep Learning and Local Outlier Factor Algorithm.. **2022**, 12,	1
697	Roadmap on chaos-inspired imaging technologies (CI2-Tech). **2022**, 128, 1	3
696	Non-Destructive Techniques for the Condition and Structural Health Monitoring of Wind Turbines: A Literature Review of the Last 20 Years.. **2022**, 22,	9
695	Metasurface-Based Abrupt Autofocusing Beam for Biomedical Applications.. **2022**, e2101228	0
694	Cochlear Fluid Spaces and Structures of the ́Gerbil High-Frequency Region Measured Using Optical Coherence Tomography (OCT).. **2022**, 23, 195	0
693	Non-invasive optical coherence tomography angiography: A comparison with fluorescein and indocyanine green angiography in normal adult dogs and cats.. **2022**,	1
692	Deep learning enables accelerated optical coherence tomography angiography. **2022**,	
691	Glaucoma Detection Using Optical Coherence Tomography Images: A Systematic Review of Clinical and Automated Studies. 1-21	0

690	Cellular assessment of the cornea of transgenic mice models using multi-modal optical coherence microscopy and dual-channel fluorescence microscopy. **2022**,	
689	Multiple forward scattering reduces the measured scattering coefficient of blood in visible-light optical coherence tomography.	
688	Changes of the retinal and choroidal vasculature in cerebral small vessel disease.. **2022**, 12, 3660	0
687	Optical coherence tomography evaluation of the spatiotemporal effects of 3D bone marrow stromal cell culture using a bioreactor.. **2022**,	
686	assessment of inflammatory bowel disease in rats with ultrahigh-resolution colonoscopic OCT.. **2022**, 13, 2091-2102	2
685	Video-rate high-precision time-frequency multiplexed 3D coherent ranging.. **2022**, 13, 1476	1
684	Biometric Determinants of Epithelial Thickness Profile Across a Wide Range of Refractive Errors.. **2022**,	0
683	Corneal Epithelial Thickness Mapping in the Diagnosis of Ocular Surface Disorders Involving the Corneal Epithelium: A Comparative Study.. **2022**,	0
682	Post mortem mapping of connectional anatomy for the validation of diffusion MRI.. **2022**, 256, 119146	4
681	In Vivo longitudinal monitoring of structure, texture and angiogenesis of photothermal-therapy for melanoma and pancreatic tumor using optical coherence tomopgraphy. **2022**,	0
680	The OCT RNFL Probability Map and Artifacts Resembling Glaucomatous Damage.. **2022**, 11, 18	1
679	RPS-Net: An effective retinal image projection segmentation network for retinal vessels and foveal avascular zone based on OCTA data.. **2022**,	0
678	MULTI-SCALE DIRECTED ACYCLIC GRAPH-CNN FOR AUTOMATED CLASSIFICATION OF DIABETIC RETINOPATHY FROM OCT IMAGES.	
677	Letter to the Editor regarding "Ophthalmic artery angioplasty for age-related macular degeneration".. **2022**,	1
676	Determining the Utility of Epithelial Thickness Mapping in Refractive Surgery Evaluations.. **2022**,	0
675	Subretinal fluid disturbs the retinal venous blood flow in central serous chorioretinopathy.. **2022**, 12, 4903	
674	Second generation photoacoustic remote sensing virtual histology. **2022**,	
673	In Vivo Identification of Skin Photodamage Induced by Fractional CO and Picosecond Nd:YAG Lasers with Optical Coherence Tomography.. **2022**, 12,	

672	Discrimination between Healthy Eyes and Those with Mild Glaucoma Damage Using Hemoglobin Measurements of the Optic Nerve Head.. **2022**,	0
671	Measuring variations in optical imaging markers in a glial cell-directed mouse model of human MEN1 syndrome. **2022**,	
670	Retinal imaging with optical coherence tomography in multiple sclerosis: novel aspects.. **2022**,	1
669	Depth-resolved backscattering signal reconstruction based OCT attenuation compensation. **2022**,	0
668	Evolution of optical coherence tomography: from the laboratory to the operating room.. **2022**, 48, 259-260	
667	The Role of Hi-Tech Devices in Assessment of Corneal Healing in Patients with Neurotrophic Keratopathy.. **2022**, 11,	0
666	ANALYSIS OF MICROKERATOME ASSISTED CORNEAL FLAP THICKNESS IN LASER IN SITU KERATOMILEUSIS USING ANTERIOR SEGMENT OPTICAL COHERENCE TOMOGRAPHY.. **2022**, 34-37	
665	3D motion-compensated optical coherence tomography based on higher-order regression towards real-time volumetric imaging of the cornea. **2022**,	
664	Label-free assessment of renal function with unilateral ureteral obstruction (UUO) model by optical coherence microscopy. **2022**,	
663	Mapping corneal stiffness with compressional optical coherence elastography. **2022**,	
662	SS-net: split and spatial attention network for vessel segmentation of retinal OCT angiography.. **2022**, 61, 2357-2363	0
661	Study on the application and imaging characteristics of optical coherence tomography in vulva lesions.. **2022**, 12, 3659	0
660	A systematic survey of advances in retinal imaging modalities for Alzheimer's disease diagnosis.. **2022**, 1	0
659	Wideband Spectrum Estimation for Photon Counting Heterodyne. **2022**, 34, 313-316	1
658	Multi-probe photonic time-stretch optical coherence tomography. **2022**,	
657	Depth-resolved transverse-plane motion tracking with configurable measurement features via optical coherence tomography.. **2022**, 30, 12215-12227	
656	Development and quantitative assessment of deep learning-based image enhancement for optical coherence tomography.. **2022**, 22, 139	
655	Digital refocusing based on deep learning in optical coherence tomography.	0

654	Normative data and repeatability for macular ganglion cell layer thickness in healthy Swedish children using swept source optical coherence tomography.. **2022**, 22, 109	0
653	Large field-of-view non-invasive imaging through scattering layers using fluctuating random illumination.. **2022**, 13, 1447	3
652	Space-time division multiplexing-based superfast spectral-domain optical coherence tomography up to 1 MHz A-scan rate. **2022**,	
651	High-speed optical coherence tomography imaging with a tunable HCG-VCSEL light source at the 1060nm wavelength window. **2022**,	
650	Success of iOCT in surgical management of ERM peeling.. **2022**, 11206721221085383	
649	Surgical scene generation and adversarial networks for physics-based iOCT synthesis.. **2022**, 13, 2414-2430	0
648	Optical coherence tomography in a catheterization laboratory: at the verge of the second decade. **2022**, 21, 45-51	
647	Diagnostic and Prognostic Utility of Optical Coherence Tomography in Patients with Sellar/Suprasellar Lesions with Chiasm Impingement: A Systematic Review/ Meta-Analyses.. **2022**,	0
646	Artificial neural network (ANN) for dispersion compensation of spectral domain optical coherence tomography (SD-OCT). 1-17	1
645	Solving neurodegeneration: common mechanisms and strategies for new treatments.. **2022**, 17, 23	5
644	Cervical optical coherence tomography image classification based on contrastive self-supervised texture learning.. **2022**,	0
643	Speckle-resolved optical coherence tomography for mesoscopic imaging within scattering media.. **2022**, 13, 2068-2081	
642	Classification-based framework for binarization on mice eye image in vivo with optical coherence tomography.. **2022**, e202100336	
641	Denoising of Fourier domain quantum optical coherence tomography spectrums based on deep-learning methods. **2022**, 1, 705	
640	Associations Between Glycosylated Hemoglobin (HbA1c) Level and Central Corneal and Macular Thickness in Diabetic Eyes Without Retinopathy. **2022**, 23, 80-86	
639	Lateral image reconstruction of optical coherence tomography using one-dimensional deep deconvolution network.. **2022**,	0
638	Thickness measurements taken with the spectralis OCT increase with decreasing signal strength.. **2022**, 22, 148	1
637	Ex-vivo evaluation of miniaturized probes for endoscopic optical coherence tomography in urothelial cancer diagnostics. **2022**, 103597	1

636	In vivo assessment of corneal biomechanics under a localized cross-linking treatment using confocal air-coupled optical coherence elastography. **2022**, 13, 2644	2
635	Spectroscopic Optical Coherence Tomography for Classification of Colorectal Cancer in a Mouse Model.. **2022**, e202100387	0
634	Anterior segment optical coherence tomography (AS-OCT) image analysis methods and applications: A systematic review.. **2022**, 146, 105471	0
633	Unsupervised denoising of retinal OCT with diffusion probabilistic model. **2022**,	
632	Laboratory system for optical coherence tomography (OCT) using a laser plasma source of soft x-rays and extreme ultraviolet and focusing ellipsoidal optics.. **2022**, 30, 13491-13509	0
631	ADC-Net: An Open-Source Deep Learning Network for Automated Dispersion Compensation in Optical Coherence Tomography.. **2022**, 9, 864879	0
630	Retinal nerve fibre layer thickness measured with SD-OCT in a population-based study: the Handan Eye Study.. **2022**,	0
629	Analytical theory of finite-size photonic crystal slabs near the band edge.. **2022**, 30, 14033-14047	0
628	Motion correction in retinal optical coherence tomography imaging using deep learning registration. **2022**,	
627	High contrast 3-D optical bioimaging using molecular and nanoprobes optically responsive to IR light. **2022**, 962, 1-107	0
626	Time interval optimized optical coherence tomographic angiography for bulk motion suppression on human skin. **2022**, 513, 128077	
625	Ultrathin lensed fiber based anastigmatic needle probe for endoscopic swept source optical coherence tomography. **2022**, 154, 107043	1
624	Retinal Disease Detection using CNN through Optical Coherence Tomography Images. **2021**,	0
623	Unraveling the Kinetics and Mechanism of Surfactant-Induced Wetting in Membrane Distillation: An In Situ Observation with Optical Coherence Tomography.. **2021**,	0
622	OCT Angiography as an Interdisciplinary Diagnostic Tool for Systemic Diseases. **2021**, 238, 1294-1298	0
621	A Case for The Use of Artificial Intelligence in Glaucoma Assessment.. **2021**,	0
620	Ultra-Widefield Swept-Source Optical Coherence Tomography Findings of Peripheral Retinal Degenerations and Breaks.. **2021**, 15, 4739-4745	0
619	Retinal Disease Detection Based on Optical Coherence Tomography Images Using Improved YOLOv5. **2021**,	

618 Contrast enhancement of polarization-sensitive optical coherence tomography skin images. **2021**,

617 Non-destructive identification document inspection with swept-source optical coherence tomography imaging. **2021**, 1

616 Observation of the Microstructure of Human Hair Based on a Single Detector Optical Coherence Tomography. **2021**,

615 Correlation of features on OCT with visual acuity and Gass lesion type in Best vitelliform macular dystrophy.. **2021**, 6, e000860 1

614 A clinical primer for the glymphatic system. **2021**, 6

613 MHANet: A hybrid attention mechanism for retinal diseases classification.. **2021**, 16, e0261285 2

612 Progress in measurements and interpretation of light-evoked retinal function using OCT based optoretinography (ORG). **2021**,

611 Static and Dynamic Optical Analysis of Micro Wrinkle Formation on a Liquid Surface.. **2021**, 12,

610 Time-lapse optical coherence tomography embryo imaging with minimal disturbance. **2021**,

609 Biospeckle Optical Coherence Tomography (bOCT) in the Speedy Assessment of the Responses of the Seeds of Raphanus sativus L. (Kaiware Daikon) to Acid Mine Drainage (AMD). **2022**, 12, 355 0

608 DW-Net: Dynamic Multi-Hierarchical Weighting Segmentation Network for Joint Segmentation of Retina Layers With Choroid Neovascularization.. **2021**, 15, 797166 1

607 Objective assessment of corneal transparency in the clinical setting: correction of acquisition artifacts in SD-OCT images and application to normal corneas. **2021**,

606 Clinical review of retinotopy. **2021**,

605 Changes in retinal structures as markers of multiple sclerosis progression. **2021**, 13, 55-61 0

604 Factors Associated with Changes in Peripapillary Retinal Nerve Fibre Layer Thickness in Healthy Myopic Eyes.. **2021**, 2021, 3462004 1

603 Research and Experiment on Key Technologies of Endoscopic Sweep Frequency OCT System. **2021**,

602 Viral Transduction of Human Rod Opsin or Channelrhodopsin Variants to Mouse ON Bipolar Cells Does Not Impact Retinal Anatomy or Cause Measurable Death in the Targeted Cells. **2021**, 22, 0

601 Simultaneous visible light optical coherence tomography and near infrared OCT angiography in retinal pathologies: A case study.. **2021**, 15353702211063839 1

600	New views on three-dimensional imaging technologies for glaucoma: an overview. **2021**, 33,	
599	Optoretinography is coming of age.. **2021**, 118,	
598	Demystifying Deep Learning Models for Retinal OCT Disease Classification using Explainable AI. **2021**,	0
597	Optically computed phase microscopy for quantitative dynamic imaging of label-free cells and nanoparticles.. **2022**, 13, 514-524	3
596	An Integrated Approach to the Diagnosis of Degenerative Optoneuropathies. **2020**, 166-175	
595	Typical Applications of Computational Phase Imaging. **2022**, 189-279	
594	Self-Supervised Sequence Recovery for Semi-Supervised Retinal Layer Segmentation.. **2022**, PP,	0
593	Ganglion Cell Layer Thickness Variance Using SPECTRALIS Optical Coherence Tomography.. **2022**,	
592	Spectral Interferometry with Frequency Combs.. **2022**, 13,	0
591	Recent Advanced Deep Learning Architectures for Retinal Fluid Segmentation on Optical Coherence Tomography Images.. **2022**, 22,	0
590	Separating single- and multiple-scatteringcomponents in laser speckle contrast imagingof tissue blood flow.	1
589	Optical reciprocity induced wavefront shaping for axial and lateral shifting of focus through a scattering medium.. **2022**, 12, 6387	1
588	Review for Diagnostics of the Year: Inflammatory Choroidal Neovascularization - Imaging Update.. **2022**, 1-7	
587	Microvascular and Morphologic Changes of the Macula over Lifetime.. **2022**, 12,	
586	The effect of transverse ocular magnification adjustment on macular thickness profile in different refractive errors in community-based adults.. **2022**, 17, e0266909	2
585	Degree-of-spatial-coherence laser scanning confocal fluorescence microscope. **2022**, 128315	
584	Micron-scale hysteresis measurement using dynamic optical coherence elastography.	0
583	Association of inner retinal thickness with prevalent dementia and brain atrophy in a general older population: the Hisayama Study. **2022**, 100157	1

582 Computational 3D microscopy with optical coherence refraction tomography. 0

581 Thrombus characteristics evaluated by acute optical coherence tomography in ST elevation myocardial Infarction.. **2022**, 17, e0266634

580 In-situ Robust Ground Settlement Monitoring by Combining a Fiber Optic Low-coherent Interferometry With a Fine Mechanical Design.

579 Endobronchial Therapies for Diagnosis, Staging, and Treatment of Lung Cancer. **2022**, 0

578 Measuring Inflammation in the Vitreous and Retina: A Narrative Review.. **2022**, 1-10 1

577 Research Techniques Made Simple: Emerging Imaging Technologies for Noninvasive Optical Biopsy of Human Skin.. **2022**, 142, 1243-1252.e1 1

576 Depth-dependent dispersion compensation for the micron resolution optical coherence tomography with a time-frequency analysis method. **2022**, 152, 108137 0

575 Video_1.MP4. **2020**,

574 Video_2.MP4. **2020**,

573 Image_1.TIF. **2020**,

572 Image_10.TIF. **2020**,

571 Image_2.TIF. **2020**,

570 Image_3.TIF. **2020**,

569 Image_4.TIF. **2020**,

568 Image_5.TIF. **2020**,

567 Image_6.TIF. **2020**,

566 Image_7.TIF. **2020**,

565 Image_8.TIF. **2020**,

564	Image_9.TIF. **2020**,	
563	Table_1.docx. **2020**,	
562	Table_2.docx. **2020**,	
561	Data_Sheet_1.docx. **2019**,	
560	Table_1.docx. **2019**,	
559	Data_Sheet_1.pdf. **2019**,	
558	Data_Sheet_2.ZIP. **2019**,	
557	Data_Sheet_3.ZIP. **2019**,	
556	Data_Sheet_1.zip. **2020**,	
555	Presentation_1.pptx. **2020**,	
554	Longitudinal assessment of the effect of alkali burns on corneal biomechanical properties using optical coherence elastography.. **2022**, e202200022	
553	Optical Coherence Tomography in Cerebrovascular Disease: Open up New Horizons.. **2022**, 1	0
552	Retinal Nerve Fiber Layer Optical Texture Analysis (ROTA): Involvement of the Papillomacular Bundle and Papillofoveal Bundle in Early Glaucoma.. **2022**,	1
551	Enhance the delivery of light energy ultra-deep into turbid medium by controlling multiple scattering photons to travel in open channels.. **2022**, 11, 108	0
550	Optical coherence tomography in coronary atherosclerosis assessment and intervention.. **2022**,	8
549	The retinal ganglion cell layer reflects neurodegenerative changes in cognitively unimpaired individuals.. **2022**, 14, 57	2
548	Advances in the development of new biomarkers for Alzheimer's disease.. **2022**, 11, 25	2
547	Spatial-Temporal Speckle Variance in the En-Face View as a Contrast for Optical Coherence Tomography Angiography (OCTA).. **2022**, 22,	1

546	High-resolution optical coherence tomography in a case of descemetocele managed with amniotic membrane transplantation. **2018**, 66, 315	2
545	In-process monitoring in laser grooving with line-shaped femtosecond pulses using optical coherence tomography. **2022**, 3, 1	2
544	Optical Coherence Tomography Angiography. **2022**, 2739-2752	
543	Longitudinal Assessment of Optical Properties in Early Demineralization of Enamel Using pH Cycling Model. **2022**, 445-452	
542	Optical Principles of OCT. **2022**, 1083-1096	
541	Clinical Examination and Diagnostic Testing. **2022**, 105-126	
540	Comprehensive Glaucoma Imaging. **2022**, 2099-2119	
539	Optical Coherence Tomography. **2022**, 2713-2737	
538	Detection of Systemic Diseases From Ocular Images Using Artificial Intelligence: A Systematic Review.. **2022**, 11, 126-139	1
537	Unsupervised Domain Adaptation for Cross-Modality Retinal Vessel Segmentation via Disentangling Representation Style Transfer and Collaborative Consistency Learning. **2022**,	1
536	Differentiable Projection from Optical Coherence Tomography B-Scan without Retinal Layer Segmentation Supervision. **2022**,	
535	Automated CAD System for Intermediate Uveitis Grading Using Optical Coherence Tomography Images. **2022**,	1
534	Broadband Quantum Dot Superluminescent Diode with Simultaneous Three-State Emission.. **2022**, 12,	2
533	Trends in Research Related to Ophthalmic OCT Imaging From 2011 to 2020: A Bibliometric Analysis.. **2022**, 9, 820706	0
532	Decreased Vessel Density in Retinal Capillary Plexus and Thinner Ganglion Cell Complex Associated With Cognitive Impairment.. **2022**, 14, 872466	1
531	Design of a Linear Wavenumber Spectrometer for Line Scanning Optical Coherence Tomography with 50 mm Focal Length Cylindrical Optics.. **2022**, 22,	
530	Oral Cancer Screening by Artificial Intelligence-Oriented Interpretation of Optical Coherence Tomography Images.. **2022**, 2022, 1614838	
529	Classification of salivary gland tumors in optical coherence tomography images based on deep learning. **2022**, 32, 065601	0

528	Imaging of the skin microvascularization using spatially depolarized dynamic speckle.. **2022**, 27,	
527	Neurophotonic tools for microscopic measurements and manipulation: status report.. **2022**, 9, 013001	0
526	Universal Photonics Tomography.	
525	Application of Adaptive Optics in Ophthalmology. **2022**, 9, 288	0
524	Unsupervised despeckling of optical coherence tomography images by combining cross-scale CNN with an intra-patch and inter-patch based transformer. **2022**, 30, 18800	0
523	Complementarity of OCT and radiography for imaging investigations in dentistry. **2022**,	
522	Dispersion compensation for spectral domain optical coherence tomography by time-frequency analysis and iterative optimization. **2022**, 1, 1117	1
521	Optical Coherence Tomography, Near-Infrared Spectroscopy, and Near-Infrared Fluorescence Molecular Imaging. **2022**, 107-125	
520	Retinal and Choroidal Thickness in Myopic Young Adults. **2022**, 9, 328	1
519	Optical Coherence Tomography: An Eye Into the Coronary Artery. **2022**, 9,	0
518	Depth of focus extension in optical coherence tomography using ultrahigh chromatic dispersion of zinc selenide.. **2022**, e202200051	
517	Thicknesses of the retinal layers in patients with Graves' disease with or without orbitopathy.. **2022** ,	
516	Optical coherence tomography for medical imaging and nondestructive testing. **2022**,	
515	Crenelated versus conventional ceramic dental veneers: microscopy and micro-CT evaluation of marginal and internal tit to tooth surface. **2022**,	
514	Influence of the adheshion of integral ceramic veneers depending on the photopolymerization direction during the luting time. **2022**,	
513	Near-Infrared Imaging for Information Embedding and Extraction with Layered Structures.	
512	Towards red-emitting MECSELs for visible-light OCT applications. **2022**,	
511	The relation of the multifocal electroretinographic response to macular layer volume.. **2022**, 1	

510	Prior-free imaging unknown target through unknown scattering medium. **2022**, 30, 17635	0
509	Polarization mode dispersion correction inendoscopic polarization-sensitive opticalcoherence tomography with incoherentpolarization input states.	1
508	PIPE-Net: A pyramidal-input-parallel-encoding network for the segmentation of corneal layer interfaces in OCT images. **2022**, 105595	1
507	The Role of Different Retinal Imaging Modalities in Predicting Progression of Diabetic Retinopathy: A Survey.. **2022**, 22,	1
506	The role of angio-optical coherent tomography in the surgical management of the vitreoretinal interface. **2022**, 36, 299-304	
505	Metalens for improving optical coherence tomography.	1
504	Optical Microscopy Systems for the Detection of Unlabeled Nanoparticles. Volume 17, 2139-2163	0
503	End-to-end multi-task learning approaches for the joint epiretinal membrane segmentation and screening in OCT images.. **2022**, 98, 102068	1
502	In-plane and out-of-plane deformations of gilt utero-sacral ligaments.. **2022**, 131, 105249	0
501	Absorption and phase decoupling in transport of intensity diffraction tomography. **2022**, 156, 107082	0
500	Volumetric characterization of microvasculature in ex vivo human brain samples by serial sectioning optical coherence tomography.. **2022**, PP,	
499	Dynamic scattering media imaging based on combined modulation. **2022**,	
498	Simulating the perceptual effects of electrode-retina distance in prosthetic vision.. **2022**,	
497	Corneal Diseases. **2012**, 77-85	
496	Insights into the developing fovea revealed by imaging. **2022**, 101067	2
495	Label free optical transmission tomography for biosystems: intracellular structures and dynamics.	
494	Thin-Cap Fibroatheroma Rather Than Any Lipid Plaques Increases the Risk of Cardiovascular Events in Diabetic Patients: Insights From the COMBINE OCT-FFR Trial.. **2022**, 101161CIRCINTERVENTIONS121011728	1
493	Increasing the Efficacy of Gold Nanorod Uptake in Stem Cell-Derived Therapeutic Cells: Implications for Stem Cell Labeling and Optical Coherence Tomography Imaging.	0

492	Optimization of the performance of hand-held FFOCT scanner. **2022**, 156, 107091	
491	Label-free complete absorption microscopy using second generation photoacoustic remote sensing.. **2022**, 12, 8464	1
490	Speckle suppression and texture preservation in optical coherence tomography images using variational image decomposition. **2022**,	
489	Instrumentation for Intraoperative Detection and Imaging. **2022**, 1-35	
488	Outer retinal thickness and visibility of the choriocapillaris in four distinct retinal regions imaged with spectral domain optical coherence tomography in dogs and cats.	1
487	Intraretinal Layer Segmentation Using Cascaded Compressed U-Nets. **2022**, 8, 139	0
486	Dynamic volumetric imaging and cilia beat mapping in mouse male reproductive tract with optical coherence tomography.	0
485	Optical Coherence Tomography Imaging: Advances in Ophthalmology. **2022**, 11, 2858	0
484	Multi-class retinal fluid joint segmentation based on cascaded convolutional neural networks.	
483	Association Between Retinal Layer Thickness and Cognitive Decline in Older Adults.	1
482	Mueller-matrix for non-ideal beam-splitters to ease the analysis of vectorial optical fields. **2022**, 154, 108288	0
481	Improving the optical bandwidth of swept laser source using a dual-sinusoidal modulation of driving signal. **2022**, 154, 108302	
480	Measuring Polymerization Shrinkage of Dental Composite by Using Phase-Sensitive Optical Coherence Tomography.	
479	Retinal Changes in Panic Disorder Patients. **2022**, 111496	
478	In Vivo Detection of Plaque Erosion by Intravascular Optical Coherence Tomography Using Artificial Intelligence.	2
477	Intraoral optical coherence tomography and angiography combined with autofluorescence for dental assessment.	1
476	A noise statistical distribution analysis-based two-step filtering mechanism for optical coherence tomography image despeckling. **2022**, 19, 075601	0
475	Optical Coherence Tomography Angiography: Clinical Utility and Future Directions. 247412642210803	

474	Epidural anesthesia needle guidance by forward-view endoscopic optical coherence tomography and deep learning. **2022**, 12,	
473	Research on photoacoustic microscopy imaging based on photoacoustic transmission matrix with a digital micromirror device. **2022**, 169397	1
472	Automatic Segmentation of Retinal Fluid and Photoreceptor Layer from Optical Coherence Tomography Images of Diabetic Macular Edema Patients Using Deep Learning and Associations with Visual Acuity. **2022**, 10, 1269	0
471	Optomechanical Analysis and Design of Polygon Mirror-Based Laser Scanners. **2022**, 12, 5592	
470	Fully Automatic Epiretinal Membrane Segmentation in OCT Scans Using Convolutional Networks. **2022**, 88-121	
469	Decreased Macular Retinal Thickness in Patients With Pterygium. **2022**, 13,	
468	DHNet: High-resolution and hierarchical network for cross-domain OCT speckle noise reduction.	
467	Spatially adaptive blind deconvolution methods for optical coherence tomography. **2022**, 147, 105650	1
466	Diabetic retinopathy: An overview of treatments. **2022**, 26, 111	0
465	Measurement of Myopia and Normal Human Choroidal Thickness Using Spectral Domain Optical Coherence Tomography. **2022**, 19, 151-157	
464	Development of a three-dimensional blood-brain barrier network with opening capillary structures for drug transport screening assays. **2022**, 15, 100324	2
463	Quantum indistinguishability by path identity and with undetected photons. **2022**, 94,	1
462	A perspective on the diagnosis of cracked tooth: imaging modalities evolve to AI-based analysis. **2022**, 21,	2
461	Higher-order regression three-dimensional motion-compensation method for real-time optical coherence tomography volumetric imaging of the cornea. **2022**, 27,	
460	Label-free metabolic imaging ofnon-alcoholic-fatty-liver-disease (NAFLD) liver byvolumetric dynamic optical coherencetomography.	1
459	Optical coherence tomography for surgical margin evaluation of excised canine cutaneous and subcutaneous tumours.	0
458	CLASSIFICATION OF AGE-RELATED MACULAR DEGENERATION USING DAG-CNN ARCHITECTURE.	
457	Multi-modal and multi-scale clinical retinal imaging system with pupil and retinal tracking. **2022**, 12,	2

456	Multimodal Handheld Probe for Characterizing Otitis Media Integrating Raman Spectroscopy and Optical Coherence Tomography. 3,	0
455	Advances in OCT Imaging in Myopia and Pathologic Myopia. **2022**, 12, 1418	0
454	Rle de la lame crible dans la pathogense du glaucome. Une revue de la littrature. **2022**,	
453	Image Reconstruction in Non-Reciprocal Broken-Ray Tomography.	
452	Tooth Wear and Tribological Investigations in Dentistry. **2022**, 2022, 1-11	0
451	Passively scanned, single-fiber optical coherence tomography probes for gastrointestinal devices.	0
450	Two-Photon Interference LiDAR Imaging.	1
449	Measuring collagen injury depth for burn severity determination using polarization sensitive optical coherence tomography. **2022**, 12,	0
448	Dynamic full-field optical coherence tomography allows live imaging of retinal pigment epithelium stress model. **2022**, 5,	0
447	Polyamide (PA) 66 molding defect studied with optical coherence tomography (OCT) and near-infrared (NIR) spectroscopy. **2022**, 279, 121492	
446	Imaging post-mortem neurodegenerative human brains with serial sectioning optical coherence tomography. **2022**,	
445	Evaluation of signal degradation due to birefringence in a multiple reference optical coherence tomography system with polarization-based balanced detection. **2022**, 1-13	0
444	Lasers for health. **2022**, 53, 28-31	
443	Normative Reference Database of Spectral Domain Optical Coherence Tomography for Korean Population. **2022**, 11, 21	
442	High-speed balanced detection visible-light optical coherence tomography in the human retina. **2022**,	0
441	High Frequency Ultrasound Elastography to Assess the Nonlinear Elastic Properties of the Cornea and Ciliary Body. **2022**, 1-1	1
440	Dynamics Imaging of Plant Maturity by Optical Coherence Tomography. **2022**,	
439	Phase-sensitive OCT on a silicon photonic chip: characterization and functional ear imaging. **2022**,	

438	Stereoscopic Optical Palpation for Tumour Margin Assessment in Breast-Conserving Surgery.	
437	Robotically-Aligned Optical Coherence Tomography with Gaze Tracking for Live Image Montaging of the Retina. **2022**,	1
436	Mass transfer, detection and repair technologies in micro-LED displays. **2022**, 65, 2128-2153	0
435	The Development and Clinical Application of Innovative Optical Ophthalmic Imaging Techniques. 9,	1
434	Retinal thinning in people with well-controlled HIV infection. **2022**, Publish Ahead of Print,	
433	Quantification method to objectively evaluate the fibrous structural status of tendons based on polarization-sensitive OCT.	
432	Decision Trees for Glaucoma Screening Based on the Asymmetry of the Retinal Nerve Fiber Layer in Optical Coherence Tomography. **2022**, 22, 4842	
431	Structural and optical characterization of banknotes using spectral-domain optical coherence tomography.	
430	Multiplexed spatially-focused localization of light in adipose biological tissues. **2022**, 12,	0
429	Non-line-of-sight imaging in the presence of scattering media using phasor fields..	0
428	Intraoperative In Vivo Imaging Modalities in Head and Neck Cancer Surgical Margin Delineation: A Systematic Review. **2022**, 14, 3416	0
427	Ceramic Scaffolds for Bone Augmentation: Design and Characterization with SEM and Confocal Microscopy. **2022**, 15, 4899	0
426	Automatic Screening of the Eyes in a Deep-Learning-Based Ensemble Model Using Actual Eye Checkup Optical Coherence Tomography Images. **2022**, 12, 6872	
425	A Diabetic Retinopathy Classification Framework Based on Deep-Learning Analysis of OCT Angiography. **2022**, 11, 10	1
424	Single-Shot Recognition of 3D Phase Images With Deep Learning. 2100719	0
423	Visualization of ex vivo´rabbit olfactory mucosa and foramina with three-dimensional optical´coherence tomography.	
422	Relationship Between Risk Factors and Macular Thickness in Patients with Early Diabetic Retinopathy. Volume 15, 6021-6029	
421	Super-simplified optical correlation-domain reflectometry. **2022**, 61, 078005	

420	Automatic Detection of Microaneurysms in OCT Images Using Bag of Features. **2022**, 2022, 1-10	0
419	Imaging Complex Targets through a Scattering Medium Based on Adaptive Encoding. **2022**, 9, 467	0
418	Noninvasive Diagnosis of Oral Squamous Cell Carcinoma by Multi-level Deep Residual Learning on Optical Coherence Tomography Images.	
417	Most nonpathological eyes present a small area of hyperreflective Henle fiber layer on pupil-centered optical coherence tomography.	
416	Importance of Optical Coherence Tomography and Optical Coherence Tomography Angiography in the Imaging and Differentiation of Choroidal Melanoma: A Review. **2022**, 14, 3354	1
415	??????????????(<??>?????????). **2006**, 76, 903-908	
414	Research progress on the application of optical coherence tomography in the field of oncology. 12,	1
413	Non-paraxial interference and diffraction under 3Dspatial coherence.	0
412	Multiple forward scattering reduces the measured scattering coefficient of whole blood in visible-light optical coherence tomography.	
411	Efficacy of Artificial Intelligence-Assisted Discrimination of Oral Cancerous Lesions from Normal Mucosa Based on the Oral Mucosal Image: A Systematic Review and Meta-Analysis. **2022**, 14, 3499	0
410	Reversible inter-degree-of-freedom optical-coherence conversion via entropy swapping.	0
409	Research on Semantic Segmentation Method of Macular Edema in Retinal OCT Images Based on Improved Swin-Unet. **2022**, 11, 2294	1
408	Imaging Technologies for Microfluidic Biochips.	1
407	System calibration and pose optimization for robotic-arm-assisted optical coherence tomography. **2022**,	
406	Fourier spatial transform-based method ofsuppressing motion noises in OCTA.	0
405	HCTNet: A Hybrid ConvNet-Transformer Network for Retinal Optical Coherence Tomography Image Classification. **2022**, 12, 542	0
404	Intensity and phase imaging through scattering media via deep despeckle complex neural networks. **2022**, 159, 107196	0
403	Quantum Wiener-Khinchin Theorem for Spectral-Domain Optical Coherence Tomography. **2022**, 18,	0

402 Advances in Pediatric Diagnostic Endoscopy: A State-of-the-Art Review. **2022**, 3, e224 0

401 Simplest-Ever Configuration of Fiber-Optic Correlation-Domain Reflectometry. **2022**,

400 3D Reconstruction of a Unitary Posterior Eye by Converging Optically Corrected Optical Coherence and Magnetic Resonance Tomography Images via 3D CAD. **2022**, 11, 24

399 Phase retardation and corneal sublayer thickness repeatability using ultrahigh resolution polarization-sensitive OCT. **2022**, Publish Ahead of Print, 0

398 Neurodegeneration in multiple sclerosis. 0

397 The effect of calcium channel blocker (CCB) treatment on retinal and choroidal vessels in a group of hypertensive patients. 1-7

396 Quantitative approaches in multimodal fundus imaging: State of the art and future perspectives. **2022**, 101111 2

395 Real-Time Risk Score for Glaucoma Mass Screening by Spectral Domain Optical Coherence Tomography: Development and Validation. **2022**, 11, 8 0

394 Role of anterior segment optical coherence tomography in scleral diseases: A review. 1-10

393 Comparison of age-related vascular changes in the optic disc of patients with diabetes, with glaucomatous and non-glaucomatous features. **2022**, 7, e001100 0

392 Recent Advances in the Diagnosis of Enamel Cracks: A Narrative Review. **2022**, 12, 2027

391 Macular Layer Thickness and Effect of BMI, Body Fat, and Traditional Cardiovascular Risk Factors: The Troms Study. **2022**, 63, 16

390 Quantitative refractive index tomography of mm-scale objects using single-pixel wavefront sampling.

389 Optical Coherence Tomography Refraction andOptical Path Length Correction for Image-GuidedCorneal Surgery.

388 Automated segmentation and feature discovery of age-related macular degeneration and Stargardt disease via self-attended neural networks. **2022**, 12,

387 Bimodal polarization-sensitive imaging and diffuse reflectance spectroscopy facilitated rapid augmented reality for tissue stratification.

386 Optical coherence tomography evaluation of vaginal epithelial thickness during CO 2 laser treatment: A pilot study. 0

385 Enhanced Spectral-domain Optical Coherence Tomography (SD-OCT) Using In Situ Ultrasonic Virtual Tunable Optical Waveguides.

384	Interocular symmetry and intermachine reproducibility measured by two different models of Cirrus optical coherence tomography.	
383	Tail artifacts removal of three-dimensional optical coherence tomography angiography with common parts extraction method.	
382	Noninvasive hemoglobin sensing and imaging: optical tools for disease diagnosis. **2022**, 27,	1
381	Volume-based, layer-independent, disease-agnostic detection of abnormal retinal reflectivity, nonperfusion, and neovascularization using structural and angiographic OCT. **2022**, 13, 4889	
380	Ocular diseases classification using a lightweight CNN and class weight balancing on OCT images.	
379	Accurate In Vivo Bowman's Thickness Measurement Using Mirau Ultrahigh Axial Resolution Line Field Optical Coherence Tomography. **2022**, 11, 6	0
378	Quantitative Phase Imaging: Recent Advances and Expanding Potential in Biomedicine. **2022**, 16, 11516-11544	3
377	Comparative study of OCTA algorithms with a high-sensitivity multi-contrast Jones matrix OCT system for human skin imaging. **2022**, 13, 4718	
376	Ranging with a frequency-shifted feedback laser using frequency-comb driven phase modulation of injected radiation. **2022**, 55, 184001	
375	Target imaging in scattering media using ghost imaging optical coherence tomography. **2022**, 7, 086104	1
374	Biomechanical assessment of chronic liver injury using quantitative micro-elastography.	1
373	Noise Reduction of OCT Images Based on the External Patch Prior Guided Internal Clustering and Morphological Analysis. **2022**, 9, 543	
372	Subcellular Comparison of Visible-Light Optical Coherence Tomography and Electron Microscopy in the Mouse Outer Retina. **2022**, 63, 10	2
371	Paraxial Propagation Properties of Symmetric Dual Pearcey Gaussian Beams in Free Space. 2200213	
370	Wavefront shaping: A versatile tool to conquer multiple scattering in multidisciplinary fields. **2022**, 3, 100292	3
369	Achieving a macroscopic Nondiffracting length from a microscopic All-fiber Bessel beam generator. **2022**, 268, 169778	0
368	Image-to-image translation with Generative Adversarial Networks via retinal masks for realistic Optical Coherence Tomography imaging of Diabetic Macular Edema disorders. **2023**, 79, 104098	0
367	In vivo morphological study of obese development in mice model guided by swept-source optical coherence tomography (SSOCT). **2022**, 12,	0

366	The use of optical coherence tomography in neurology: a review.	2
365	Cladding-pumping based power-scaled noise-like and dissipative soliton pulse fiber laser.	0
364	Extending field-of-view of retinal imaging by optical coherence tomography using convolutional Lissajous and slow scan patterns. **2022**, 13, 5212	1
363	Next Generation Digital Pathology: Emerging Trends and Measurement Challenges for Molecular Pathology. **2022**, 3, 168-181	0
362	Optical coherence tomography holds promise to transform the diagnostic anatomic pathology gross evaluation process. **2022**, 27,	0
361	Development of a multi-scene universal multiple wavelet-FFT algorithm (MW-FFTA) for denoising motion artifacts in OCT-angiography in vivo imaging. **2022**, 30, 35854	1
360	Pre-operative optical coherence tomography macula: An indispensable investigation to predict post-operative outcomes. 1, 59-63	0
359	A pilot and ex-vivo study of examination of endometrium tissue by catheter based optical coherence tomography. **2022**, 22,	0
358	Optical coherence tomography and Spaceflight Associated Neuro-Ocular Syndrome. **2022**, 23-41	0
357	Methods and Applications of Fingertip Subcutaneous Biometrics Based on Optical Coherence Tomography. **2022**, 1-1	0
356	Instrumentation for Intraoperative Detection and Imaging. **2022**, 309-343	0
355	An Absolute Wavenumber Calibration Method based on Characteristic Spectral Line and Constrained Fitting Phase. **2022**, 0	0
354	Noise-Like Pulses in Mode-Locked Fiber Lasers. **2022**, 319-337	0
353	<i>In Vivo</i> Observation of Allergic Dermatitis of the Genuine Pig by Optical Coherence Tomography. **2022**, 11, 1-8	0
352	Macular thickness assessment in diabetic patients without retinopathy. **2022**, 35, 821	0
351	A Spatiotemporal Model for Precise and Efficient Fully-Automatic 3D Motion Correction in OCT. **2022**, 517-527	0
350	Optical coherent tomography with extended depth of focus based on zinc selenide lens chromatic dispersion. **2022**,	0
349	Optical characterization of the Sandia fog facility for computational sensing. **2022**,	0

348	Tiny-Lesion Segmentation in ́OCT via ́Multi-scale Wavelet Enhanced Transformer. **2022**, 125-134	0
347	Pharmaco-devices therapy for glaucoma. **2022**, 221-249	0
346	Hybrid Cardiac Imaging for the Invasive Cardiologist. **2022**, 93-115	0
345	Diagnosis. **2022**, 453-637	0
344	Multi-physics Analysis of Electromagnetic Wave Propagation and Photothermal Heating in Human Tissues at Terahertz and Optical Frequencies. **2022**,	0
343	Self-Supervised Bulk Motion Artifact Removal in Optical Coherence Tomography Angiography. **2022**,	0
342	Weakly-supervised localization and classification of biomarkers in OCT images with integrated reconstruction and attention. **2023**, 79, 104213	0
341	Optical Coherence Tomography (OCT) and Angio-OCT Imaging Techniques in Multiple Sclerosis Patients with or without Optic Neuritis.	0
340	Evaluation of Incipient Enamel Caries at Smooth Tooth Surfaces Using SS-OCT. **2022**, 15, 5947	0
339	Advances in Optical Coherence Tomography Imaging Technology and Techniques for Choroidal and Retinal Disorders. **2022**, 11, 5139	2
338	Wide-field sensorless adaptive optics swept-source optical coherence tomographic angiography in rodents. **2022**, 47, 5060	0
337	Structural and functional retinal alterations in patients with paranoid schizophrenia. **2022**, 12,	1
336	Automatic Segmentation of Laser-Induced Injury OCT Images Based on a Deep Neural Network Model. **2022**, 23, 11079	0
335	Automatic generation of retinal optical coherence tomography images based on generative adversarial networks.	0
334	The Role of Widefield and Ultra Widefield Optical Coherence Tomography in the Diagnosis and Management of Vitreoretinal Diseases. **2022**, 12, 2247	1
333	Quantum Optical Coherence Microscopy for Bioimaging Applications. **2022**, 18,	0
332	The Influence of Eyelid Position and Environmental Conditions on the Corneal Changes in Early Postmortem Interval: A Prospective, Multicentric OCT Study. **2022**, 12, 2169	0
331	Multi-task generative adversarial network for retinal optical coherence tomography image denoising.	1

330	The Essential Role of the Choriocapillaris in Vision: Novel Insights from Imaging and Molecular Biology. **2022**, 8, 33-52	0
329	New frontiers in intracranial imaging with HF-OCT: Ex vivo human cerebrovasculature evaluation and in vivo intracranial arteries dynamic visualization. 3,	0
328	Multi-slice imaging with transmission K-domain transform method. **2022**, 128981	0
327	Research Trends and Hotspots of Retinal Optical Coherence Tomography: A 31-Year Bibliometric Analysis. **2022**, 11, 5604	0
326	Case report: Optical coherence tomography for monitoring biologic therapy in psoriasis and atopic dermatitis. 9,	0
325	Imaging in complex media. **2022**, 18, 1008-1017	2
324	Feasibility of Automated Segmentation of Pigmented Choroidal Lesions in OCT Data With Deep Learning. **2022**, 11, 25	0
323	Dominio de la Progresi□ del Glaucoma Estructural. **2022**, 50, 17-25	0
322	Mastering Structural Glaucoma Progression. **2022**, 50, 17-25	0
321	Ganglion cell inner plexiform layer thickness measured by optical coherence tomography to predict visual outcome in chiasmal compression. **2022**, 12,	0
320	Quantitative micro-elastography enables in vivo detection of residual cancer in the surgical cavity during breast-conserving surgery.	0
319	Visible Light Optical Coherence Tomography of Peripapillary Retinal Nerve Fiber Layer Reflectivity in Glaucoma. **2022**, 11, 28	0
318	Automated detection and classification of counterfeit banknotes using quantitative features captured by spectral-domain optical coherence tomography. **2022**, 62, 624-631	0
317	Low-Cost In Vivo Full-Range Optical Coherence Tomography Using a Voice Coil Motor. **2022**, 13, 1626	0
316	Macular thickness and its associated factors in a Chinese rural adult population: the Handan Eye Study. bjophthalmol-2022-321766	0
315	Unique Behaviors and Mechanism of Highly Soluble Salt-Induced Wetting in Membrane Distillation.	0
314	Investigation of dissipative solitons in an Er-doped fiber laser through machine-learning online optimization based on the Gaussian process. **2022**, 39, 2786	0
313	Intravascular optical coherence elastography. **2022**, 13, 5418	0

312	The Use of Optical Coherence Tomography for Gross Examination and Sampling of Fixed Breast Specimens: A Pilot Study. **2022**, 12, 2191	0
311	Analysis of the signal measured in spectral-domain optical coherence tomography based on nonlinear interferometers. **2022**, 106,	0
310	Microwave-induced thermoacoustic imaging with functional nanoparticles.	1
309	Dual-comb based time-stretch optical coherence tomography for large and segmental imaging depth. **2022**, 30, 39014	0
308	Skin cancer margin detection using nanosensitive optical coherence tomography and a comparative study with confocal microscopy. **2022**, 13, 5654	0
307	Recent advances in optical coherence tomography for anterior segment imaging in small animals and their clinical implications. **2022**, 26, 222-233	0
306	Diseased thyroid tissue classification in OCT images using deep learning: towards surgical decision support.	0
305	Adaptive point-scan imaging beyond the frame rate-resolution limit with scene-reactive scan trajectories.	0
304	Vibration insensitive fiber optic spectral interferometric probe for metrology of topography and thickness of multilayer samples. **2022**,	0
303	Second-generation dual-channel visible light optical coherence tomography enables wide-field, full-range, and shot-noise limited retinal imaging.	0
302	Multi-Layer Segmentation of Retina OCT Images via Advanced U-net Architecture. **2022**,	0
301	Tracking moving objects through scattering media via speckle correlations. **2022**, 13,	1
300	Corneal Ectasia detection by epithelium pattern standard deviation from optical coherence tomography. **2022**, Publish Ahead of Print,	0
299	Unraveling relative roles of bulk precipitation and surface growth in developing a scaling layer in membrane distillation. **2022**, 544, 116133	0
298	In Vivo Tissue Imaging by Multi-Contrast Jones Matrix Optical Coherence Microscopy. **2020**, 48, 635	0
297	Analysis of Appearance of Makeup on Model Skin Using Visible OCT. **2020**, 48, 640	0
296	Corneal Epithelial Thickness Mapping in Keratoconus. **2022**, 979-987	0
295	Optical coherence tomography in the diagnosis of pathologies of the horizontal portion of the lacrimal drainage system. **2022**, 138, 279	0

294	An absolute wavenumber calibration method based on characteristic spectral line and constrained fitting phase. **2022**, 71, 214203	0
293	Fully Automated Lumen Segmentation Method and´BVS Stent Struts Detection in´OCT Images. **2022**, 353-367	0
292	ED-AnoNet: Elastic Distortion-Based Unsupervised Network for OCT Image Anomaly Detection. **2022**, 3-15	0
291	Self-supervised Speckle Noise Reduction ofOptical Coherence Tomography without CleanData.	0
290	Computational Analysis of Cardiac Contractile Function.	0
289	Ultralong Imaging Range Chromatic Confocal Microscopy. 2200116	0
288	Prediction of textile pilling resistance using optical coherence tomography. **2022**, 12,	0
287	SSP-Regularizer: A Star Shape Prior Based Regularizer for Vessel Lumen Segmentation in Oct Images. **2022**,	0
286	Retinal Examinations Provides Early Warning of Alzheimer Disease. **2022**, 1-17	0
285	Effects of Cataract on Retinal Nerve Fiber Layer and Ganglion Cell-Inner Plexiform Layer Thickness on Swept-Source Optical Coherence Tomography.	0
284	Association of Microluminal Structures Assessed by Optical Coherence Tomography With Local Inflammation in Adjacent Epicardial Adipose Tissue and Coronary Plaque Characteristics in Fresh Cadavers. **2022**,	0
283	Advances in Vitreoretinal Surgery. **2022**, 11, 6428	0
282	A One-to-all Light-weight Fourier ChannelAttention Convolutional Neural Network(FCACNN) for Speckle Reconstructions.	0
281	Self-supervised next view prediction for limited-angle optical projection tomography. **2022**, 13, 5952	0
280	Establishment of Personalized Finite Element Model of Crystalline Lens Based on Sweep-Source Optical Coherence Tomography. **2022**, 9, 803	0
279	Investigation of the Spatial Generation of Stimulated Raman Scattering Using Computer Simulation and Experimentation. **2022**, 76, 1307-1316	0
278	Medical micro- and nanomotors in the body. **2022**,	1
277	Robust Identification and Segmentation of the Outer Skin Layers in Volumetric Fingerprint Data. **2022**, 22, 8229	1

276	Deep semi-supervised multiple instance learning with self-correction for DME classification from OCT images. **2022**, 102673	0
275	Optical Attenuation Coefficients of Moist and Dry Tooth Determinate by Optical Coherence Tomography. **2022**, 52,	2
274	Evaluation and characterization of facial skin aging using optical coherence tomography.	0
273	Joint Motion Correction and 3D Segmentation with Graph-Assisted Neural Networks for Retinal OCT. **2022**,	0
272	Massively parallel electro-optic sampling of space-encoded optical pulses for ultrafast multi-dimensional imaging.	0
271	Optical coherence tomography. **2022**, 2,	1
270	A CLINICAL STUDY OF RETINAL GANGLION CELL LAYER AND RETINAL NERVE FIBER LAYER CHANGES IN COGNITIVE DYSFUNCTION IN ELDERLY PATIENTS ATTENDING PSYCHIATRY OPD IN A TERTIARY HOSPITAL IN NORTHEAST BIHAR. 20-23	0
269	Multimodal Raman Spectroscopy and Optical Coherence Tomography for Biomedical Analysis.	0
268	Monte Carlo-based full-wavelength simulator ofFourier-domain optical coherence tomography.	0
267	Review of intraluminal optical coherence tomography imaging for cerebral aneurysms. 3,	0
266	Combining Non-Data-Adaptive Transforms for OCT Image Denoising by Iterative Basis Pursuit. **2022** ,	0
265	Real-Time (iOCT) Guided Epiretinal Membrane Surgery Using a Novel Forceps with Laser-Ablated Microstructure Tip Surface. **2022**, 12, 818-825	0
264	Analysis of penetration depth and healing process of a needleless laser lancet using swept-source optical coherence tomography.	0
263	Wavelet attention network for the segmentation of layer structures on OCT images. **2022**, 13, 6167	1
262	Three-dimensional optical coherence digital-null deformography of multi-refractive-surface optics with nanometer sensitivity. **2022**, 30, 42069	0
261	Utilization of big data classification models in digitally enhanced optical coherence tomography for medical diagnostics.	0
260	Characterization of radiofrequency ablated myocardium with optical coherence tomography. **2022**, 40, 103151	0
259	A generative adversarial network with multi-scale convolution and dilated convolution res-network for OCT retinal image despeckling. **2023**, 80, 104231	0

258	Optical coherence tomography angiography (OCTA) a review. **2018**, 2018, 6896-1	0
257	Synthesis of NaYF4:Ho3+/Yb3+ colloidal upconversion phosphor and its application for OCT-based imaging, temperature sensing, fingerprinting and security ink.	1
256	Development of mathematical models for quantitative OCT: A review. **2022**, 8, 2508-2531	0
255	Segmentation of Bruch's Membrane in retinal OCT with AMD using anatomical priors and uncertainty quantification. **2022**, 1-12	0
254	Past, Present and Future of Intravascular Ultrasound and Optical Coherence Tomography. 2,	0
253	Alternating projection-based phase optimization for arbitrary glare suppression through multimode fiber. **2023**, 161, 107368	0
252	Editorial: The development and clinical application of innovative optical ophthalmic imaging techniques. 9,	0
251	Artificial Intelligence in Ophthalmology Status Quo and Future Perspectives. 1-12	0
250	Choroidal layer segmentation in OCT images by a boundary enhancement network. 10,	0
249	Influence of structural length-scale sensitivities on Hermite Gaussian rectangular vortex beam propagation in biological tissues. 1-9	0
248	On-field optical imaging data for the pre-identification and estimation of leaf deformities. **2022**, 9,	0
247	Iris Color Matters A Contractility Analysis With Dynamic Volume-Rendered Optical Coherence Tomography Pupillometry. **2022**, 11, 6	0
246	An optically-guided cochlear implant sheath for real-time monitoring of electrode insertion into the human cochlea. **2022**, 12,	0
245	A Comprehensive Survey on the Detection of Diabetic Retinopathy. 1-21	1
244	interferometric Diffusing Wave Spectroscopy imaging with an electronically variable time-of-flight filter.	0
243	Advances in understanding the molecular structure of retinoschisin while questions remain of biological function. **2022**, 101147	0
242	Deep-learning-aided Diagnosis of DR, AMD, and Glaucoma based on Structural and Angiographic Optical Coherence Tomography. **2022**, 100245	0
241	Endoscopic imaging of white matter fiber tracts using polarization-sensitive optical coherence tomography. **2022**, 119755	0

240	Mueller Matrix Polarimetry in Biomedicine: Enabling Technology, Biomedical Applications, and Future Prospects. **2023**, 61-103	0
239	Spatio-Temporal Optical Coherence Tomography provides full thickness imaging of the chorioretinal complex. **2022**, 105513	1
238	Multiple Optical Elastography Techniques Reveal the Regulation of Corneal Stiffness by Collagen XII. **2022**, 63, 24	0
237	A comb-mode resolved spectral domain interferometer enabled by broadband electro-optic frequency comb.	0
236	Imaging through scattering media using differential intensity transmission matrices with different Hadamard orderings.	0
235	In Vivo Imaging of Mammalian Embryos by NIR-I Photoacoustic Tomography and NIR-II Optical Coherence Tomography Using Gold Nanostars as Multifunctional Contrast Agents.	0
234	Predictive, preventive, and personalized management of retinal fluid via computer-aided detection app for optical coherence tomography scans.	0
233	A rapid nanometre-precision autocorrelator.	0
232	Polarization maintaining fiber-based depth encoded cross-polarized optical coherence tomography. **2022**, 1-1	1
231	Optical Coherence Tomography of Tumor Spheroids Identifies Candidates for Drug Repurposing in Ovarian Cancer. **2022**, 1-10	0
230	Whole Brain Micro-Vascular Imaging using Robot assisted Optical Coherence Tomography Angiography. **2022**, 1-10	0
229	Chapter 12. Imaging in Scaffolds. **2022**, 304-341	0
228	Terahertz technology in intraoperative neurodiagnostics: A review. **2023**, 220071-220071	1
227	Structure-Guided Cross-Attention Network for Cross-Domain OCT Fluid Segmentation. **2023**, 32, 309-320	0
226	Quantitative Optical Coherence Elastography: A Novel Intensity-Based Inversion Method Versus Strain-Based Reconstructions. **2023**, 29, 1-16	0
225	Quantitative assessment of textural features in the early detection of diabetic retinopathy with optical coherence tomography angiography. **2023**, 41, 103214	0
224	Introduction of Swept-source Optical Coherence Tomography(SS-OCT)for Caries Diagnosis. **2022**, 32, 23-31	0
223	Accelerating precision ophthalmology: recent advances. **2022**, 7, 150-161	0

222	Student Becomes Decathlon Master in Retinal Vessel Segmentation via Dual-Teacher Multi-target Domain Adaptation. **2022**, 32-42	0
221	Clinical Diagnosis of Neovascular Glaucoma in the Ophthalmology Office. **2022**, 23-29	0
220	Anterior segment optical coherence tomography characteristics and management of a unique spectrum of foreign bodies in the cornea and anterior chamber. **2022**, 70, 4284	0
219	Improving Axial Spatial Resolution of OCT Using MUSIC Algorithm. **2022**,	0
218	Spectral-Domain Quantum OCT with Frequency Scanning: Theoretical Proposal. **2022**,	0
217	Non-Local Mean Denoising Algorithm Based on Fractional Compact Finite Difference Scheme Effectively Reduces Speckle Noise in Optical Coherence Tomography Images. **2022**, 13, 2039	0
216	Seeing beneath the skin with computational photography. **2022**, 65, 90-100	0
215	Site-Coded Oral Squamous Cell Carcinoma Evaluation by Optical Coherence Tomography (OCT): A Descriptive Pilot Study. **2022**, 14, 5916	0
214	Multi-modal retinal scanning to measure retinal thickness and peripheral blood vessels in multiple sclerosis. **2022**, 12,	0
213	Multimodal Analysis of the Visual Pathways in Friedreich's Ataxia Reveals Novel Biomarkers.	0
212	Advances in swept-source optical coherence tomography and optical coherence tomography angiography. **2022**,	0
211	Advances in bronchoscopic optical coherence tomography and confocal laser endomicroscopy in pulmonary diseases. **2023**, 29, 11-20	0
210	Enhanced coupling between ballistic exciton-polariton condensates through tailored pumping. **2022**, 106,	0
209	DESCRIBING THE EFFECTS OF PRIMARY OPEN ANGLE GLAUCOMA ON MACULA USING SPECTRAL DOMAIN OPTICAL COHERENCE TOMOGRAPHY IN CENTRAL INDIA. 171-175	0
208	Adaptive optics scanning laser ophthalmoscopy and optical coherence tomography (AO-SLO-OCT) system for in vivo mouse retina imaging. **2023**, 14, 299	1
207	Assessment of demineralized tooth lesions using optical coherence tomography and other state-of-the-art technologies: a review. **2022**, 21,	0
206	Imaging through Weakly Scattering Medium by Spectral-Domain Optical Coherence Microscopy with Digital Phase Conjugation.	0
205	Spatial characterization of the effect of age and sex on macular layer thicknesses and foveal pit morphology. **2022**, 17, e0278925	0

204	Optical Coherence Tomography Angiography (OCTA) of the eye: A review on basic principles, advantages, disadvantages and device specifications. **2022**, 1-25	1
203	Retinal Thinning in Adults with Autism Spectrum Disorder.	0
202	Application of IVOCT to coronary atherosclerotic plaque. **2022**,	0
201	Noncontact coagulation monitoring based on blood dynamics analysis using optical coherence tomography. **2022**,	0
200	Quantitative measurements of intraocular structures and microinjection bleb volumes using intraoperative optical coherence tomography. **2023**, 14, 352	0
199	Longitudinal monitoring of pancreatic islet damage in streptozotocin-treated mice with optical coherence microscopy. **2023**, 14, 54	0
198	Line Field Optical Coherence Tomography. **2022**, 9, 946	0
197	Anterior segment optical coherence tomography in ocular surface tumours and simulating lesions.	0
196	Deep Learning for Efficiently Imaging throughLocalized Speckle Field of Multimode Fiber.	0
195	Photoreceptor Function and Structure in Autosomal Dominant Vitelliform Macular Dystrophy Caused by BEST1 Mutations. **2022**, 63, 12	0
194	1.3Eh broadband Swept sources with enhanced nonlinear effects.	0
193	Classification of diabetic retinopathy: Past, present and future. 13,	0
192	OCT. OCT is Not the Month!. **2023**, 215-216	0
191	Development of geometric parameters metrology system for contact lens based on spectral-domain OCT. **2022**,	0
190	The Use of Optical Coherence Tomography in Evaluation of Retinitis Pigmentosa. **2023**, 91-100	0
189	Lens-free 3D imaging based on wavelength scanning. **2022**,	0
188	Compression Optical Coherence Elastography for Assessing Elasticity of the Vaginal Wall under Prolapse after Neodymium Laser Treatment. **2023**, 10, 6	1
187	A physics-based noise formation model for optical coherence tomography system denoising. **2022**,	0

186	Decrease Retinal Thickness in Patients with Chronic Migraine Evaluated by Optical Coherence Tomography. **2023**, 13, 5	0
185	Effect of an Anaerobic Fermentation Process on 3D-Printed PLA Materials of a Biogas-Generating Reactor. **2022**, 15, 8571	0
184	Intraoperative Use of Wide-Field Optical Coherence Tomography to Evaluate Tissue Microstructure in the Oral Cavity and Oropharynx.	0
183	An intelligent method for measuring high refractive index based on optical coherence tomography and image processing. **2022**, 8, e11871	0
182	GPU-accelerated image registration algorithm in ophthalmic optical coherence tomography. **2023**, 14, 194	0
181	Pulmonary Vascular Remodeling and Prognosis in Patients Evaluated for Heart Transplantation: Insights from the OCTOPUS-CHF Study. **2022**, 9, 439	0
180	Propagation of partially coherent light in non-Hermitian lattices. **2022**, 106,	0
179	Retinale und choroidale Ultra-Weitwinkel-OCT Technologie, Einblicke und klinische Bedeutung. **2022**, 239, 1447-1453	0
178	3D microscopy in industrial measurements.	0
177	Classification of white and gray matter using two-parameter model based on polarization-sensitive optical coherence tomography. **2022**,	0
176	Investigation of Structural Alterations in Inherited Retinal Diseases: A Quantitative SD-OCT-Analysis of Retinal Layer Thicknesses in Light of Underlying Genetic Mutations. **2022**, 23, 16007	1
175	Label-free full-field Doppler phase microscopy based on optical computation. **2023**, 14, 441	0
174	Exploiting optical coherence tomography to evaluate wear in spiral dental polishing systems.	1
173	Metrology and calibration system of ophthalmic optical standard models based on time-domain OCT system. **2022**,	0
172	EANet : Multiscale autoencoder based edge attention network for fluid segmentation from SD-OCT images.	1
171	Twenty-five years of clinical applications using adaptive optics ophthalmoscopy [Invited]. **2023**, 14, 387	2
170	Optical Coherence Tomography Is a Promising Tool for Zebrafish-Based Research A Review. **2023**, 10, 5	0
169	Exploration of a new method in measurement of choroidal thickness in children and teenagers by EDI-OCT.	0

168	Optical coherence microscopy with a split-spectrum image reconstruction method for temporal-dynamics contrast-based imaging of intracellular motility. **2023**, 14, 577	0
167	Multiscale Label-Free Imaging of Fibrillar Collagen in the Tumor Microenvironment. **2023**, 187-235	0
166	Early OCT Angiography Variations in Macular and Peripapillary Area after Uncomplicated Cataract Surgery and Correlation with Intraoperative Parameters. **2023**, 10, 53	0
165	Wide-Field Three-Dimensional Depth-Invariant Cellular-Resolution Imaging of the Human Retina. 2203357	0
164	EA-UNet Based Segmentation Method for OCT Image of Uterine Cavity. **2023**, 10, 73	0
163	An Example Application for Early Diagnosis of Retinal Diseases Using Deep Learning Methods. **2023**, 11-24	0
162	Local Polarization Properties Extraction using Single Incident State, Single Mode Fiber-Based Spectral Domain Polarization Sensitive Optical Coherence Tomography.	0
161	One-class machine learning classification of skin tissue based on manually scanned optical coherence tomography imaging. **2023**, 13,	0
160	Imaging in retinal vascular disease: A review.	0
159	Non-invasive investigation of the morphology and optical properties of the upside-down jellyfishCassiopeawith optical coherence tomography.	0
158	Digitally balanced detection scheme in multiplereference optical coherence tomography.	0
157	The Classification of Common Macular Diseases Using Deep Learning on Optical Coherence Tomography Images with and without Prior Automated Segmentation. **2023**, 13, 189	0
156	Gold Nanoparticles as Contrast Agents in Ophthalmic Imaging. **2023**, 4, 74-99	1
155	Using optical coherence tomography images to evaluate fungal growth in reline resins.	0
154	The Evolution of Diagnostics for Keratoconus: From Ophthalmometry to Biomechanics. 1-10	0
153	Semantic segmentation of superficial layer in intracoronary optical coherence tomography based on cropping-merging and deep learning. **2023**, 129, 104542	0
152	OCT Speckle noise reduction based on a self-supervised B2U Network. **2022**,	0
151	Joint Loss-Based Multi-decoder Network for OCT Fluid Segmentation. **2022**,	0

150	OCT-guided Robotic Subretinal Needle Injections: A Deep Learning-Based Registration Approach. **2022**,	0
149	Reverse engineering for reconstructing baseline features of dry age-related macular degeneration in optical coherence tomography. **2022**, 12,	0
148	Observing Single Cells in Whole Organs with Optical Imaging.	1
147	Dive into Plane: Lightweight & Modular Linear Projection Cross-dimensional Network for Retinal Vessel Segmentation in OCTA Images. **2022**,	0
146	In-process OCT monitoring to control holographic laser processing. **2022**,	0
145	Sub-nanometer measurement of transientstructural changes in dye-doped polystyrenemicrospheres.	0
144	SD-OCT guided analysis of retinal nerve fibre layer in ammetropes in central India. **2022**, 8, 533-537	0
143	A Case Report on Skin Sebum Extraction Using High Lateral Resolution Spectral-Domain Optical Coherence Tomography. **2023**, 10, 30	0
142	Optical coherence tomography for dynamic investigation of mammalian reproductive processes.	0
141	Evaluating the Optic Nerve and Retinal Nerve Fibre Layer: The Roles of Heidelberg Retina Tomography, Scanning Laser Polarimetry and Optical Coherence Tomography. **2007**, 36, 194-202	0
140	On the inverse problem in optical coherence tomography. **2023**, 13,	0
139	A new generative approach for optical coherence tomography data scarcity: unpaired mutual conversion between scanning presets.	0
138	Retinal Structure Abnormalities in Parkinson Disease and Atypical Parkinsonism. **2023**, 13, 218	0
137	High-resolution optical coherence tomography using gapped spectrum and real-valued iterative adaptive approach. **2023**, 31, 5519	0
136	Basic mechanisms and instrumentation for optical measurement. **2023**, 137-295	0
135	Optical Properties Analysis of Scattering Media Base on GI-OCT Imaging. **2023**, 10, 146	0
134	Current advances in noninvasive methods for the diagnosis of oral squamous cell carcinoma: a review. **2023**, 28,	0
133	Automatic intraluminal scanning with a steerable endoscopic optical coherence tomography catheter for gastroenterology applications. **2023**, 3,	0

132	Current Applications and New Perspectives in Optical Coherence Tomography (OCT) Coronary Atherosclerotic Plaque Assessment: From PCI Optimization to Pharmacological Treatment Guidance. **2023**, 10, 158	0
131	Optical Coherence Tomography of Embryonic Morphology During Cellular Differentiation. **1996**,	0
130	High Resolution IntraArterial Imaging with Optical Coherence Tomography. **1996**,	0
129	Biomedical Diagnostics Using Optical Coherence Tomography. **1996**,	0
128	Polarization Imaging and Characterization of Human Breast Tissue.. **1996**,	0
127	Coronary Angiography. **2013**, 37-59	0
126	Micron-resolution Optical Coherence Tomography of the Human Eye. **2022**,	0
125	Self-Supervised Denoising of single OCT image with Self2Self-OCT Network. **2022**,	0
124	Gradient mapping of multi-timescale optical coherence tomography angiography signals for enhancing signal-to-noise ratio of flow detection. **2023**,	0
123	Fast bilateral filter with unsharp masking for the preprocessing of optical coherence tomography images□n aid for segmentation and classification. **2023**, 121-137	0
122	Massively parallel electro-optic sampling of space-encoded optical pulses for ultrafast multi-dimensional imaging. **2023**, 12,	0
121	Functional imaging of the exposed brain. 17,	0
120	Optical Diagnostics in Herpetic Keratitis. **2023**, 10, 349	0
119	RVM-GSM: Classification of OCT Images of Genitourinary Syndrome of Menopause Based on Integrated Model of Local□Global Information Pattern. **2023**, 10, 450	0
118	Autoencoder-based dense denoiser and block-based wiener filter for noise reduction of optical coherence tomography. **2023**, 108, 108708	0
117	Characterizing the rheology of lamellar gel networks with optical coherence tomography velocimetry. **2023**, 67, 589-600	0
116	Clinical applications of anterior segment swept-source optical coherence tomography: A systematic review. **2023**, 42, 103334	0
115	Multi-Contrast Jones-Matrix Optical Coherence Tomography□The Concept, Principle, Implementation, and Applications. **2023**, 29, 1-18	0

114	Central fixation detection with an open-frame retinal birefringence scanning system: Optics, optomechanics, polarization balancing aspects, computer modeling and simulation. **2023**, 163, 109388	0
113	Quantitative and Qualitative Assessments of Retinal Structure with Variable A-Scan Rate Spectralis OCT: Insights into IPL Multilaminarity. **2023**, 12, 2637	0
112	Stereoscopic optical palpation for tumour margin assessment in breast-conserving surgery. **2023**, 166, 107582	0
111	History and Future Prospects of Anterior Segment OCT. **2022**, 1-16	0
110	Design and fabrication of a long-term stable model eye for OCT retinal imaging. **2023**,	0
109	Prediction of Visual Impairment in Epiretinal Membrane and Feature Analysis: A Deep Learning Approach Using Optical Coherence Tomography. **2023**, 12, 21-28	0
108	Effect of cigarettes smoke on bonded polymeric restorations: OCT study. **2023**, 9, e13240	0
107	Geschichte und Zukunftsaussichten der Vorderabschnitts-OCT. **2022**, 1-19	0
106	Deep Learning-Based System for Disease Screening and Pathologic Region Detection From Optical Coherence Tomography Images. **2023**, 12, 29	0
105	Automated assessment of the smoothness of retinal layers in optical coherence tomography images using a machine learning algorithm. **2023**, 23,	0
104	Application of diffusion tensor imaging technology in glaucoma diagnosis. 17,	0
103	Detecting disease progression in mild, moderate and severe glaucoma. **2023**, 34, 168-175	0
102	Minimum Rim Width and Peripapillary Retinal Nerve Fiber Layer Thickness for Diagnosing Early to Moderate Glaucoma. Publish Ahead of Print,	0
101	An improving method of imaging through scattering medium under strong background illumination. **2023**, 210, 112548	0
100	Optical Coherence Tomography Structural and Functional Imaging. **2023**, 71-116	0
99	Design of a Broadband Fiber Optic Mode Coupler for Multimode Optical Coherence Tomography. **2023**, 10, 162	0
98	Intravascular Imaging During Percutaneous Coronary Intervention. **2023**, 81, 590-605	0
97	Study on the application of optical coherence microscopy in Hirschsprung's disease. **2023**, 13,	0

96	Long-term outcomes of patients with normal fractional flow reserve and thin-cap fibroatheroma. **2023**, 18, e1099-e1107	0
95	Digging Deeper through Biological Specimens Using Adaptive Optics-Based Optical Microscopy. **2023**, 10, 178	0
94	Intraoperative application of optical coherence tomography for lung tumor.	0
93	Impact of the Region of Analysis on the Performance of the Automatic Epiretinal Membrane Segmentation in OCT Images. **2022**, 395-402	0
92	CTS-Net: A Segmentation Network for Glaucoma Optical Coherence Tomography Retinal Layer Images. **2023**, 10, 230	0
91	Self-training adversarial learning for cross-domain retinal OCT fluid segmentation. **2023**, 155, 106650	0
90	OCT Findings in Patients with Methamphetamine Use Disorder. **2023**, 13, 308	0
89	Emerging Optical Biomedical Imaging Techniques. **1996**,	0
88	High Resolution Optical Coherence Tomography using Deconvolution. **1996**,	0
87	Imaging through biological tissues by use of optical low-coherence heterodyne detection technique. **1996**,	0
86	High Speed Optical Coherence Tomography. **1996**,	0
85	NORMATIVE DATA FOR RNFL THICKNESS IN NORTH INDIAN PAEDIATRIC POPULATION. **2023**, 67-70	0
84	A pilot study comparing optical coherence tomography, radiography, clinical photography, and polarisation microscopy for studies of hypomineralisation disturbances in enamel. **2023**, 9, e13688	0
83	Optical Coherence Microscopy. **2022**,	0
82	Low Coherence Interferometry for Imaging Microstructures within Optically Turbid Tissues. **2022**,	0
81	Time Resolved Diffusion Tomographic Image Reconstruction in Highly Scattering Turbid Media. **1996**,	1
80	Wide-field Optical Coherence Tomography: Imaging of Biological Tissues at 1220 nm. **2001**,	0
79	Non-invasive characterization of anterior segment structures using real-time optical coherence tomography at 1310nm. **2001**,	0

78	Ultrahigh resolution OCT using continuum generation in an air-silica microstructure optical fiber. **2001**,	0
77	A new dispersion compensation technique for Partial Coherence Interferometry (PCI) and Optical Coherence Tomography (OCT). **2001**,	0
76	High resolution parallel optical coherence tomography in scattering samples. **2001**,	0
75	Autocorrelation free spectral OCT techniques in eye imaging. **2001**,	0
74	Recent Advances for OCT Imaging of Vascular Tissue. **1999**,	0
73	A Novel Chirped Bragg Grating Based Spectral Domain Delay Generator. **2023**, 2426, 012025	0
72	Combined optical coherence and two-photon excitation microscopy. **1999**,	0
71	Ultrahigh Resolution and Spectroscopic OCT Imaging of Cellular Morphology and Function. **1999**,	0
70	Intracoronary optical coherence tomography: An introduction. **2022**, 100,	0
69	Influence of Surface-Modified Montmorillonite Clays on the Properties of Elastomeric Thin Layer Nanocomposites. **2023**, 16, 1703	0
68	Nanosensitive optical coherence tomography for detecting structural changes in stem cells. **2023**, 14, 1411	0
67	Optical coherence tomography for in vivo longitudinal monitoring of artificial dermal scaffold. **2023**, 55, 316-326	0
66	Time domain ptychographic full field optical coherence tomography. **2023**, 20, 045601	0
65	The role of tracheal wall injury in the development of benign airway stenosis in rabbits. **2023**, 13,	0
64	Optical Coherence Tomographic Imaging Using a Mode Locked Cr4+:Forsterite Laser Source. **1996**,	0
63	Polarization Temporal Gating of Light Propagating in Highly Scattering Medium. **1996**,	0
62	An Introduction to Swept Source OCT. **2023**, 1-20	0
61	Accounting for Polychromatic Light in Virtual Shack-Hartmann Wavefront Sensing. **2023**, 13,	0

60	Radiation-induced alterations in multi-layered, in-vitro skin models detected by optical coherence tomography and histological methods. **2023**, 18, e0281662	0
59	Visualizing enteric nervous system activity through dye-free dynamic full-field optical coherence tomography. **2023**, 6,	0
58	Synthesizing the degree of polarization uniformity from non-polarization-sensitive optical coherence tomography signals using a neural network. **2023**, 14, 1522	0
57	Current clinical applications of anterior segment optical coherence tomography angiography: a review.	1
56	Online detection of orientation of cellulose nanocrystals in a capillary flow with polarization-sensitive optical coherence tomography. **2023**, 30, 3539-3550	0
55	Transfer learning-based detection of retina damage from optical coherence tomography images. **2023**, 71-88	0
54	AI in Ophthalmology. **2023**, 253-265	0
53	Light-Emitting Device Based on Amplified Spontaneous Emission. 2200908	0
52	Evaluation of Residual Corneal Stromal Bed Elasticity by Optical Coherence Elastography Based on Acoustic Radiation Force. **2023**, 10, 266	0
51	Multimodal optical coherence tomography and two-photon selective-plane illumination microscopy for embryonic imaging. **2023**,	0
50	Raspberry pi-based low-cost portable optical coherence tomography to deliver health care services. **2023**,	0
49	Common-path optical coherence tomography guided vertical pneumodissection for DALK. **2023**,	0
48	Changes in Retinal Thickness and Brain Volume during 6.8-Year Escalating Therapy for Multiple Sclerosis. **2023**, 2023, 1-8	0
47	Deep-Learning-Based Automated Identification and Visualization of Oral Cancer in Optical Coherence Tomography Images. **2023**, 11, 802	0
46	Retinal fluid is associated with cytokines of aqueous humor in age-related macular degeneration using automatic 3-dimensional quantification. 11,	0
45	Arterial pulsation modulates the optical attenuation coefficient of skin. **2023**, 40, C87	1
44	Toward vibration measurement via frequency-entangled two-photon interferometry. **2023**,	0
43	An Explainable Fully Dense Fusion Neural Network with Deep Support Vector Machine for Retinal Disease Determination. **2023**, 16,	0

42	Non-destructive and contactless defect detection inside leading edge coatings for wind turbine blades using mid-infrared optical coherence tomography. **2023**, 26, 458-468	0
41	Efficacy of optical coherence tomography in the triage of women with minor abnormal cervical cytology before colposcopy. **2023**, 18, e0282833	0
40	Intravascular Ultrasound and Optical Coherent Tomography Combined Catheter. **2023**, 12, 187-201	0
39	Three-dimensional, label-free cell viability measurements in tissue engineering scaffolds using optical coherence tomography.	0
38	Theoretical Foundations of Quantum Spectral-Domain Optical Coherence Tomography with Frequency Scanning. **2023**, 117, 24-31	0
37	Development of an automatic algorithm enabling layer segmentation and optical characteristic analysis in skin optical coherence tomography imaging. **2023**,	0
36	Progress on the development of FF-SS-OCT system for functional retinal imaging. **2023**,	0
35	Dual modality handheld adaptive optics optical coherence tomography probe for in vivo 3-D photoreceptor imaging. **2023**,	0
34	Dynamic OCT to visualize development of cotyledon vessels in sprouts. **2023**,	0
33	In-Mould OCT Sensors Combined with Piezo-Actuated Positioning Devices for Compensating for Displacement in Injection Overmoulding of Optoelectronic Parts. **2023**, 23, 3242	0
32	The Role of Optical Coherence Tomography Angiography in Glaucoma.	0
31	Investigation of the Relationship Between Cognitive Functions and Retinal Findings From Spectral Optical Coherence Tomography in Patients With Schizophrenia and Their Healthy Siblings. **2023**, 20, 236-244	0
30	Imaging the child's eye, orbit, and visual pathways. **2017**, 76-93.e1	0
29	Depth resolved imaging by digital holography via sample-shifting. **2023**, 25, 055602	0
28	Parallelized computational 3D video microscopy of freely moving organisms at multiple gigapixels per second.	0
27	Age-related macular degeneration. **2023**,	0
26	Deformable registration of multimodal retinal images using a weakly supervised deep learning approach.	0
25	Spectral domain isolation of ballistic component in visible light OCT based on random matrix description. **2023**, 8, 046111	0

24	Effect of fixational eye movements in corneal topography measurements with optical coherence tomography. **2023**, 14, 2138	0
23	Analysis of Optical Coherence Tomography (OCT) and Optical Coherence Tomography Angiography (OCTA) Parameters in Young Adults after SARS-CoV-2 Infection (COVID-19) Compared with Healthy Young Controls. **2023**, 13, 1283	0
22	Utility of the visual system to monitor neurodegeneration in multiple sclerosis. 16,	0
21	Thickness Measurement of Self-Lubricating Fabric Liner of Inner Ring of Sliding Bearings Using Spectral-Domain Optical Coherence Tomography. **2023**, 13, 708	0
20	OCT image denoising algorithm based on discrete wavelet transform and spatial domain feature fusion. 1-18	0
19	Robust, motion-free optical characterization of samples using actively-tunable Twyman□Green interferometry. **2023**, 13,	0
18	??????????????????(??). **2022**, 51, 20220322	0
17	??3D???????OCT??????????. **2022**, 51, 20210789	0
16	??????????????(??). **2022**, 51, 20220299	0
15	???????????????????. **2022**, 51, 20220418	0
14	Thickness and fluorescence-based dual-encoded suspension array and corresponding decoding system for multiplexed detection. **2023**, 388, 133793	0
13	Live 4D-OCT denoising with self-supervised deep learning. **2023**, 13,	0
12	Noninvasive Imaging Through Scattering Media with Enlarged FOV Using PSF Estimations and Correlations.	0
11	In Vivo Corneal Elastography: A Topical Review of Challenges and Opportunities. **2023**,	0
10	Optical Attenuation Coefficient Optimization Algorithm for Deep Tissue Signals in Optical Coherence Tomography Based on Kalman Filter. **2023**, 10, 460	0
9	Measurement Techniques for Three-Dimensional Metrology of High Aspect Ratio Internal Features□A Review. **2023**, 3, 139-168	0
8	Early Visibility of Cellular Aggregates and Changes in Central Corneal Thickness as Predictors of Successful Corneal Endothelial Cell Injection Therapy. **2023**, 12, 1167	0
7	Retinal Disease Detection Using Deep Learning Techniques: A Comprehensive Review. **2023**, 9, 84	0

6	Optical Coherence Tomography and Optical Coherence Tomography Angiography in Pediatric Retinal Diseases. **2023**, 13, 1461	0
5	Temporal coherence characteristics of fiber optics multimode interference devices. **2023**, 170895	0
4	Strong Exciton–Exciton Scattering of Exfoliated van der Waals InSe toward Efficient Continuous-Wave Near-Infrared P-Band Emission.	0
3	Non-invasive PSF recovery based on direct illumination from wavelength-dependent speckles. **2023**, 122,	0
2	Fundamentals of optical coherence tomography: a critical review. **2018**, 2, 59-62	0
1	Unsupervised Image to´Image Translation for´Multiple Retinal Pathology Synthesis in´Optical Coherence Tomography Scans. **2023**, 674-685	0