

Ricardo Canute Kamikawachi

List of Publications by Year in Descending Order

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

36
papers

374
citations

11
h-index

18
g-index

49
ext. papers

442
ext. citations

2.7
avg, IF

2.99
L-index

| # | Paper | IF | Citations |
|----|---|-----|-----------|
| 36 | Induced Birefringence by Drop Cast in EFBG Ammonia Sensors. <i>Photonics</i> , 2021 , 8, 346 | 2.2 | |
| 35 | FBG-Assisted Micro-Channel for Refractive Index Measurements. <i>IEEE Photonics Technology Letters</i> , 2021 , 33, 35-38 | 2.2 | 1 |
| 34 | Estimation Models for the Refractive Index Response Curve of EFBGs. <i>IEEE Sensors Journal</i> , 2020 , 20, 13394-13402 | 4 | 3 |
| 33 | Diphenylalanine Nanotube Coated Fiber Bragg Grating for Methanol Vapor Detection. <i>IEEE Sensors Journal</i> , 2020 , 20, 1290-1296 | 4 | 4 |
| 32 | A Fiber Bragg Grating Water Level Sensor Based on the Force of Buoyancy. <i>IEEE Sensors Journal</i> , 2020 , 20, 3608-3613 | 4 | 4 |
| 31 | 2019 , | | 1 |
| 30 | Experimental and numerical study on refractive index sensors based on fibre Bragg gratings inscribed in multimode fibre. <i>Measurement Science and Technology</i> , 2018 , 29, 025102 | 2 | 10 |
| 29 | Optical Gas Sensor for Amines Produced with Etched Fiber Bragg Grating Coated with PCDTBT:PDI Thin Films 2018 , | | 1 |
| 28 | SERS activity of Co, Ni and Bi nanoparticles 2018 , | | 2 |
| 27 | An Empirical Study of In-Fiber Mach-Zehnder Interferometer's Nonlinear Temperature Response. <i>IEEE Sensors Journal</i> , 2018 , 18, 8338-8344 | 4 | 1 |
| 26 | Influence of electrolyte distribution in PEDOT:PSS based flexible electrochromic devices. <i>Chemical Physics Letters</i> , 2017 , 689, 212-218 | 2.5 | 17 |
| 25 | A Simple Equation to Describe Cross-Sensitivity Between Temperature and Refractive Index in Fiber Bragg Gratings Refractometers. <i>IEEE Sensors Journal</i> , 2017 , 1-1 | 4 | 4 |
| 24 | Influence of temperature on the refractive index sensitivities of fiber Bragg gratings refractometers. <i>Journal of Microwaves, Optoelectronics and Electromagnetic Applications</i> , 2017 , 16, 385-392 | 0.7 | 4 |
| 23 | Refractive index sensitivity in etched FBG in the visible range 2017 , | | 2 |
| 22 | Roll-to-roll processed PEDOT:PSS thin films: application in flexible electrochromic devices. <i>Journal of Materials Science: Materials in Electronics</i> , 2016 , 27, 11072-11079 | 2.1 | 14 |
| 21 | Thermally assisted sensor for conformity assessment of biodiesel production. <i>Measurement Science and Technology</i> , 2015 , 26, 025103 | 2 | 1 |
| 20 | Refractive index sensitivity of fiber Bragg grating inscribed in a multimode fiber 2015 , | | 1 |

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|----|---|-------|----|
| 19 | Etched FBG written in multimode fibers: sensing characteristics and applications in the liquid fuels sector. <i>Journal of Microwaves, Optoelectronics and Electromagnetic Applications</i> , 2015 , 14, 51-59 | 0.7 | 11 |
| 18 | Fiber optic sensor for methanol quantification in biodiesel 2014 , | | 1 |
| 17 | Optical fiber sensor temperature coded for concentration measurement of oil/biodiesel blends. <i>Optical Fiber Technology</i> , 2013 , 19, 543-548 | 2.4 | 1 |
| 16 | Metrological Evaluation of Optical Fiber Grating-Based Sensors: An Approach Towards the Standardization. <i>Journal of Lightwave Technology</i> , 2012 , 30, 1042-1052 | 4 | 31 |
| 15 | Tailoring fiber grating sensors for assessment of highly refractive fuels. <i>Applied Optics</i> , 2012 , 51, 2015-227 | 2.7 | 6 |
| 14 | Sensing biodiesel and biodiesel-petrodiesel blends 2012 , | | 1 |
| 13 | Control of the long period grating spectrum through low frequency flexural acoustic waves. <i>Measurement Science and Technology</i> , 2011 , 22, 045205 | 2 | 11 |
| 12 | Salinity measurement in water environment with a long period grating based interferometer. <i>Measurement Science and Technology</i> , 2009 , 20, 034003 | 2 | 29 |
| 11 | Thermal characteristics of long-period gratings 266 nm UV-point-by-point induced. <i>Optics Communications</i> , 2009 , 282, 816-823 | 2 | 12 |
| 10 | Determination of thermo-optic coefficient in liquids with fiber Bragg grating refractometer. <i>Optics Communications</i> , 2008 , 281, 621-625 | 2 | 80 |
| 9 | Influence of the surrounding refractive index on the thermal and strain sensitivities of a cascaded long period grating. <i>Measurement Science and Technology</i> , 2007 , 18, 3111-3116 | 2 | 14 |
| 8 | Influence of surrounding media refractive index on the thermal and strain sensitivities of long-period gratings. <i>Applied Optics</i> , 2007 , 46, 2831-7 | 1.7 | 9 |
| 7 | Thermal characterization of etched FBG for applications in oil and gas sector 2007 , | | 1 |
| 6 | Nonlinear Temperature Dependence of Etched Fiber Bragg Gratings. <i>IEEE Sensors Journal</i> , 2007 , 7, 1358-1359 | 1.359 | 5 |
| 5 | Fiber optic sensors for hydrocarbon detection. <i>Sensors and Actuators B: Chemical</i> , 2005 , 105, 430-436 | 8.5 | 72 |
| 4 | CR (III) and CR (VI) detection in water environment using an optical fiber grating sensor 2004 , | | 4 |
| 3 | Production and characterization of refractive index gratings in high-birefringence fibre optics. <i>Optics and Lasers in Engineering</i> , 2003 , 39, 537-548 | 4.6 | 11 |
| 2 | Modeling and production of high-birefringence FOBG sensors 2001 , | | 2 |

1 Cascade long-period grating structure for Cr (III) and Cr (VI) detection in water environment

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