## Damien C Rodger

List of Publications by Year in descending order

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| #  | Article  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Flexible parylene-based multielectrode array technology for high-density neural stimulation and recording. Sensors and Actuators B: Chemical, 2008, 132, 449-460.              | 7.8 | 295       |
| 2  | Microfabricated Implantable Parylene-Based Wireless Passive Intraocular Pressure Sensors. Journal of Microelectromechanical Systems, 2008, 17, 1342-1351.                      | 2.5 | 259       |
| 3  | Quantifying Retinal Microvascular Changes in Uveitis Using Spectral-Domain Optical Coherence<br>Tomography Angiography. American Journal of Ophthalmology, 2016, 171, 101-112. | 3.3 | 140       |
| 4  | Scalable high lead-count parylene package for retinal prostheses. Sensors and Actuators B: Chemical, 2006, 117, 107-114.   | 7.8 | 87        |
| 5  | Wafer-Level Parylene Packaging With Integrated RF Electronics for Wireless Retinal Prostheses.<br>Journal of Microelectromechanical Systems, 2010, 19, 735-742.                | 2.5 | 72        |
| 6  | Implantable micromechanical parylene-based pressure sensors for unpowered intraocular pressure sensing. Journal of Micromechanics and Microengineering, 2007, 17, 1931-1938.   | 2.6 | 54        |
| 7  | Clinical and laboratory characteristics of ocular syphilis: a new face in the era of HIV co-infection.<br>Journal of Ophthalmic Inflammation and Infection, 2015, 5, 56.       | 2.2 | 54        |
| 8  | Surface-Micromachined Parylene Dual Valves for On-Chip Unpowered Microflow Regulation. Journal of Microelectromechanical Systems, 2007, 16, 223-231.                           | 2.5 | 44        |
| 9  | Unpowered spiral-tube parylene pressure sensor for intraocular pressure sensing. Sensors and Actuators A: Physical, 2006, 127, 276-282.  | 4.1 | 43        |
| 10 | Corrosion Behavior of Parylene-Metal-Parylene Thin Films in Saline. ECS Transactions, 2008, 11, 1-6.   | 0.5 | 40        |
| 11 | Parylene-based integrated wireless single-channel neurostimulator. Sensors and Actuators A:<br>Physical, 2011, 166, 193-200.   | 4.1 | 39        |
| 12 | Microelectronic packaging for retinal prostheses. IEEE Engineering in Medicine and Biology Magazine, 2005, 24, 52-57.  | 0.8 | 34        |
| 13 | Flexible Parylene Packaged Intraocular Coil for Retinal Prostheses. , 2006, , .  |     | 32        |
| 14 | Machine Learning Models for Diagnosing Glaucoma from Retinal Nerve Fiber Layer Thickness Maps.<br>Ophthalmology Glaucoma, 2019, 2, 422-428.                                    | 1.9 | 28        |
| 15 | Drusen detection by confocal aperture-modulated infrared scanning laser ophthalmoscopy. British<br>Journal of Ophthalmology, 2013, 97, 285-290.                                | 3.9 | 23        |
| 16 | Flexible Parylene-based Microelectrode Technology for Intraocular Retinal Prostheses. , 2006, , .  |     | 22        |
| 17 | Implantable Parylene MEMS for Glaucoma Therapy. , 0, , .   |     | 21        |
| 18 | High-Density Flexible Parylene-Based Multielectrode Arrays for Retinal and Spinal Cord Stimulation. ,<br>2007, , .   |     | 21        |

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|----|--|-----|-----------|
| 19 | Drusen and RPE atrophy automated quantification by optical coherence tomography in an elderly population. Eye, 2015, 29, 272-279.  | 2.1 | 19        |
| 20 | Implantable parylene-based wireless intraocular pressure sensor. Proceedings of the IEEE<br>International Conference on Micro Electro Mechanical Systems (MEMS), 2008, , .                               | 0.0 | 13        |
| 21 | Floating-Disk Parylene Microvalves for Self-Pressure-Regulating Flow Controls. Journal of<br>Microelectromechanical Systems, 2008, 17, 1352-1361.  | 2.5 | 12        |
| 22 | Implantable RF-coiled chip packaging. Proceedings of the IEEE International Conference on Micro Electro Mechanical Systems (MEMS), 2008, , .   | 0.0 | 12        |
| 23 | SEVERE BILATERAL RETINAL VASCULAR OCCLUSION AS FIRST PRESENTATION OF SYSTEMIC LUPUS ERYTHEMATOSUS AND ANTIPHOSPHOLIPID SYNDROME. Retinal Cases and Brief Reports, 2017, 11, S44-S48.                     | 0.6 | 12        |
| 24 | Scalable flexible chip-level parylene package for high lead count retinal prostheses. , 0, , .   |     | 9         |
| 25 | Improvement of metal and tissue adhesion on surfaceâ€modified parylene C. Journal of Biomedical<br>Materials Research - Part A, 2009, 89A, 206-214.  | 4.0 | 7         |
| 26 | Implantable Unpowered Parylene MEMS Intraocular Pressure Sensor. , 2006, , .   |     | 6         |
| 27 | Integrated Wireless Neurostimulator. , 2009, , .   |     | 5         |
| 28 | Retinopathy in lupus transitioned to Kikuchi-Fujimoto disease. American Journal of Ophthalmology<br>Case Reports, 2016, 3, 43-46.  | 0.7 | 5         |
| 29 | ls it melanoma-associated retinopathy or drug toxicity? Bilateral cystoid macular edema posing a<br>diagnostic and therapeutic dilemma. American Journal of Ophthalmology Case Reports, 2018, 10, 77-80. | 0.7 | 5         |
| 30 | BILATERAL MACULAR DETACHMENTS, VENOUS STASIS RETINOPATHY, AND RETINAL HEMORRHAGES AS INITIAL PRESENTATION OF MULTIPLE MYELOMA. Retinal Cases and Brief Reports, 2014, 8, 240-244.                        | 0.6 | 4         |
| 31 | Parylene scaffold for cartilage lesion. Biomedical Microdevices, 2017, 19, 26.   | 2.8 | 4         |
| 32 | Thomas A. Swift's Electric Rifle Injuries to the Eye and Ocular Adnexa. Ophthalmology Retina, 2019, 3, 258-269.  | 2.4 | 4         |
| 33 | INTRAVENOUS IMMUNOGLOBULIN IN THE TREATMENT OF JUVENILE RETINITIS PIGMENTOSA–ASSOCIATED CYSTOID MACULAR EDEMA AND UVEITIS. Retinal Cases and Brief Reports, 2018, 12, 242-246.                           | 0.6 | 3         |
| 34 | Floating-disk parylene microvalve for self-regulating biomedical flow controls. Proceedings of the<br>IEEE International Conference on Micro Electro Mechanical Systems (MEMS), 2008, , .                | 0.0 | 2         |
| 35 | Ultra-Wide-Field Fluorescein Angiography in Microscopic Polyangiitis. Case Reports in Ophthalmological Medicine, 2016, 2016, 1-4.  | 0.5 | 2         |
| 36 | Ophthalmomyiasis Interna. Ophthalmology, 2016, 123, 247.   | 5.2 | 2         |

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|----|--|-----|-----------|
| 37 | Two cases of uveitis associated with severe transaminitis during a Rickettsia typhi outbreak in Los<br>Angeles County. American Journal of Ophthalmology Case Reports, 2020, 19, 100813. | 0.7 | 1         |
| 38 | Stem Cell Therapy for the Treatment of Dry Age-Related Macular Degeneration. Current Ophthalmology Reports, 2015, 3, 16-25.  | 1.2 | 0         |
| 39 | High performance microgyros for space applications. , 1999, , .  |     | 0         |