

Damien C Rodger

List of Publications by Year in descending order

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39
papers

1,435
citations

567144

15
h-index

454834

30
g-index

39
all docs

39
docs citations

39
times ranked

1802
citing authors

#	ARTICLE	IF	CITATIONS
1	Flexible parylene-based multielectrode array technology for high-density neural stimulation and recording. <i>Sensors and Actuators B: Chemical</i> , 2008, 132, 449-460.	4.0	295
2	Microfabricated Implantable Parylene-Based Wireless Passive Intraocular Pressure Sensors. <i>Journal of Microelectromechanical Systems</i> , 2008, 17, 1342-1351.	1.7	259
3	Quantifying Retinal Microvascular Changes in Uveitis Using Spectral-Domain Optical Coherence Tomography Angiography. <i>American Journal of Ophthalmology</i> , 2016, 171, 101-112.	1.7	140
4	Scalable high lead-count parylene package for retinal prostheses. <i>Sensors and Actuators B: Chemical</i> , 2006, 117, 107-114.	4.0	87
5	Wafer-Level Parylene Packaging With Integrated RF Electronics for Wireless Retinal Prostheses. <i>Journal of Microelectromechanical Systems</i> , 2010, 19, 735-742.	1.7	72
6	Implantable micromechanical parylene-based pressure sensors for unpowered intraocular pressure sensing. <i>Journal of Micromechanics and Microengineering</i> , 2007, 17, 1931-1938.	1.5	54
7	Clinical and laboratory characteristics of ocular syphilis: a new face in the era of HIV co-infection. <i>Journal of Ophthalmic Inflammation and Infection</i> , 2015, 5, 56.	1.2	54
8	Surface-Micromachined Parylene Dual Valves for On-Chip Unpowered Microflow Regulation. <i>Journal of Microelectromechanical Systems</i> , 2007, 16, 223-231.	1.7	44
9	Unpowered spiral-tube parylene pressure sensor for intraocular pressure sensing. <i>Sensors and Actuators A: Physical</i> , 2006, 127, 276-282.	2.0	43
10	Corrosion Behavior of Parylene-Metal-Parylene Thin Films in Saline. <i>ECS Transactions</i> , 2008, 11, 1-6.	0.3	40
11	Parylene-based integrated wireless single-channel neurostimulator. <i>Sensors and Actuators A: Physical</i> , 2011, 166, 193-200.	2.0	39
12	Microelectronic packaging for retinal prostheses. <i>IEEE Engineering in Medicine and Biology Magazine</i> , 2005, 24, 52-57.	1.1	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. <i>Ophthalmology Glaucoma</i> , 2019, 2, 422-428.	0.9	28
15	Drusen detection by confocal aperture-modulated infrared scanning laser ophthalmoscopy. <i>British Journal of Ophthalmology</i> , 2013, 97, 285-290.	2.1	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. , 2007, , .		21

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19	Drusen and RPE atrophy automated quantification by optical coherence tomography in an elderly population. <i>Eye</i> , 2015, 29, 272-279.	1.1	19
20	Implantable parylene-based wireless intraocular pressure sensor. <i>Proceedings of the IEEE International Conference on Micro Electro Mechanical Systems (MEMS)</i> , 2008, , .	0.0	13
21	Floating-Disk Parylene Microvalves for Self-Pressure-Regulating Flow Controls. <i>Journal of Microelectromechanical Systems</i> , 2008, 17, 1352-1361.	1.7	12
22	Implantable RF-coiled chip packaging. <i>Proceedings of the IEEE International Conference on Micro Electro Mechanical Systems (MEMS)</i> , 2008, , .	0.0	12
23	SEVERE BILATERAL RETINAL VASCULAR OCCLUSION AS FIRST PRESENTATION OF SYSTEMIC LUPUS ERYTHEMATOSUS AND ANTIPHOSPHOLIPID SYNDROME. <i>Retinal Cases and Brief Reports</i> , 2017, 11, S44-S48.	0.3	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. <i>Journal of Biomedical Materials Research - Part A</i> , 2009, 89A, 206-214.	2.1	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. <i>American Journal of Ophthalmology Case Reports</i> , 2016, 3, 43-46.	0.4	5
29	Is it melanoma-associated retinopathy or drug toxicity? Bilateral cystoid macular edema posing a diagnostic and therapeutic dilemma. <i>American Journal of Ophthalmology Case Reports</i> , 2018, 10, 77-80.	0.4	5
30	BILATERAL MACULAR DETACHMENTS, VENOUS STASIS RETINOPATHY, AND RETINAL HEMORRHAGES AS INITIAL PRESENTATION OF MULTIPLE MYELOMA. <i>Retinal Cases and Brief Reports</i> , 2014, 8, 240-244.	0.3	4
31	Parylene scaffold for cartilage lesion. <i>Biomedical Microdevices</i> , 2017, 19, 26.	1.4	4
32	Thomas A. Swiftâ€™s Electric Rifle Injuries to the Eye and Ocular Adnexa. <i>Ophthalmology Retina</i> , 2019, 3, 258-269.	1.2	4
33	INTRAVENOUS IMMUNOGLOBULIN IN THE TREATMENT OF JUVENILE RETINITIS PIGMENTOSAâ€™ ASSOCIATED CYSTOID MACULAR EDEMA AND UVEITIS. <i>Retinal Cases and Brief Reports</i> , 2018, 12, 242-246.	0.3	3
34	Floating-disk parylene microvalve for self-regulating biomedical flow controls. <i>Proceedings of the IEEE International Conference on Micro Electro Mechanical Systems (MEMS)</i> , 2008, , .	0.0	2
35	Ultra-Wide-Field Fluorescein Angiography in Microscopic Polyangiitis. <i>Case Reports in Ophthalmological Medicine</i> , 2016, 2016, 1-4.	0.3	2
36	Ophthalmomyiasis Interna. <i>Ophthalmology</i> , 2016, 123, 247.	2.5	2

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37	Two cases of uveitis associated with severe transaminitis during a Rickettsia typhi outbreak in Los Angeles County. American Journal of Ophthalmology Case Reports, 2020, 19, 100813.	0.4	1
38	Stem Cell Therapy for the Treatment of Dry Age-Related Macular Degeneration. Current Ophthalmology Reports, 2015, 3, 16-25.	0.5	0
39	High performance microgyros for space applications. , 1999, , .		0