

# Manuel G RamÃ- rez

## List of Publications by Year in descending order

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Version: 2024-02-01

25  
papers

333  
citations

933264

10  
h-index

839398

18  
g-index

25  
all docs

25  
docs citations

25  
times ranked

425  
citing authors

#	ARTICLE	IF	CITATIONS
1	1,7aBayâ€Substituted Perylenediimide Derivative with Outstanding Laser Performance. <i>Advanced Optical Materials</i> , 2013, 1, 933-938.	3.6	58
2	Efficient organic distributed feedback lasers with imprinted active films. <i>Optics Express</i> , 2011, 19, 22443.	1.7	47
3	Improved performance of perylenediimide-based lasers. <i>Journal of Materials Chemistry C</i> , 2013, 1, 1182-1191.	2.7	47
4	Thickness dependence of amplified spontaneous emission in low-absorbing organic waveguides. <i>Applied Optics</i> , 2012, 51, 3287.	0.9	30
5	Design, synthesis and amplified spontaneous emission of 1,2,5-benzothiadiazole derivatives. <i>Journal of Materials Chemistry C</i> , 2019, 7, 9996-10007.	2.7	21
6	Perylenediimide-based distributed feedback lasers with holographic relief gratings on dichromated gelatine. <i>Journal of Applied Physics</i> , 2013, 114, .	1.1	19
7	Effect of ring fusion on the amplified spontaneous emission properties of oligothiophenes. <i>Journal of Materials Chemistry</i> , 2009, 19, 6556.	6.7	17
8	Holographic Lenses in an Environment-Friendly Photopolymer. <i>Polymers</i> , 2018, 10, 302.	2.0	17
9	Distributed feedback lasers based on dichromated poly(vinyl alcohol) reusable surface-relief gratings. <i>Optical Materials Express</i> , 2014, 4, 733.	1.6	13
10	LED-Cured Reflection Gratings Stored in an Acrylate-Based Photopolymer. <i>Polymers</i> , 2019, 11, 632.	2.0	12
11	Analytical modeling of blazed gratings on two-dimensional pixelated liquid crystal on silicon devices. <i>Optical Engineering</i> , 2020, 59, 1.	0.5	7
12	Highly photostable solid-state organic distributed feedback laser fabricated via thermal nanoimprint lithography. <i>Microelectronic Engineering</i> , 2010, 87, 1428-1430.	1.1	6
13	Tunable Waveguides Couplers Based on HPDLC for See-Through Applications. <i>Polymers</i> , 2021, 13, 1858.	2.0	6
14	Green and wide acceptance angle solar concentrators. <i>Optics Express</i> , 2022, 30, 25366.	1.7	6
15	Aberration-Based Quality Metrics in Holographic Lenses. <i>Polymers</i> , 2020, 12, 993.	2.0	5
16	Thermal-nanoimprint lithography for perylenediimide-based distributed feedback laser fabrication. <i>Microelectronic Engineering</i> , 2014, 114, 52-56.	1.1	4
17	Influence of Tert-Butylthiol and Tetrahydrofuran on the Holographic Characteristics of a Polymer Dispersed Liquid Crystal: A Research Line Toward a Specific Sensor for Natural Gas and Liquefied Petroleum Gas. <i>Polymers</i> , 2019, 11, 254.	2.0	4
18	Processing of Holographic Hydrogels in Liquid Media: A Study by High-Performance Liquid Chromatography and Diffraction Efficiency. <i>Polymers</i> , 2022, 14, 2089.	2.0	4

#	ARTICLE	IF	CITATIONS
19	Improved Amplified Spontaneous Emission of Dye-Doped Functionalized Mesostructured Silica Waveguide Films. <i>Advanced Optical Materials</i> , 2015, 3, 1454-1461.	3.6	3
20	Solution-processable, photo-stable, low-threshold, and broadly tunable thin film organic lasers based on novel high-performing laser dyes. <i>Proceedings of SPIE</i> , 2015, , .	0.8	3
21	Optimization of the Electrochemically Generated Luminescence of Polyfluorene Films. <i>Journal of Physical Chemistry C</i> , 2018, 122, 3608-3616.	1.5	1
22	Characterization of registered holographic lenses in a photopolymer compatible with the environment. <i>Optica Pura Y Aplicada</i> , 2019, 52, 1-10.	0.0	1
23	Blazed grating theory to minimize the non-idealities in LCoS devices. , 2019, , .		1
24	Efficient and stable holographic gratings stored in an environmentally friendly photopolymer. , 2019, , .		1
25	Reflection holograms stored in an environment-friendly photopolymer. , 2019, , .		0