

Marta Morales-Vidal

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

430
citations

933264

10
h-index

752573

20
g-index

25
all docs

25
docs citations

25
times ranked

540
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Green and wide acceptance angle solar concentrators. <i>Optics Express</i> , 2022, 30, 25366.	1.7	6
3	VIRTUAL OPTICAL LABORATORY EXPERIENCE DURING COVID-19 PANDEMIC. , 2021, , .		0
4	Tunable Waveguides Couplers Based on HPDLC for See-Through Applications. <i>Polymers</i> , 2021, 13, 1858.	2.0	6
5	Ultrashort pulse propagation through depressed-cladding channel waveguides in YAG crystal: Spatio-temporal characterization. <i>Optics and Laser Technology</i> , 2020, 123, 105898.	2.2	5
6	Kinetically Protected Carbon-Bridged Oligo(<i>p</i> -phenylenevinylene) Derivatives for Blue Color Amplified Spontaneous Emission. <i>Bulletin of the Chemical Society of Japan</i> , 2020, 93, 751-758.	2.0	9
7	Aberration-Based Quality Metrics in Holographic Lenses. <i>Polymers</i> , 2020, 12, 993.	2.0	5
8	Analytical modeling of blazed gratings on two-dimensional pixelated liquid crystal on silicon devices. <i>Optical Engineering</i> , 2020, 59, 1.	0.5	7
9	Solution-processed nanographene distributed feedback lasers. <i>Nature Communications</i> , 2019, 10, 3327.	5.8	59
10	LED-Cured Reflection Gratings Stored in an Acrylate-Based Photopolymer. <i>Polymers</i> , 2019, 11, 632.	2.0	12
11	Complex Diffractive Optical Elements Stored in Photopolymers. <i>Polymers</i> , 2019, 11, 1920.	2.0	8
12	High performance thin film organic lasers for sensing applications. <i>Optica Pura Y Aplicada</i> , 2019, 52, 1-9.	0.0	0
13	Blazed grating theory to minimize the non-idealities in LCoS devices. , 2019, , .		1
14	Efficient and stable holographic gratings stored in an environmentally friendly photopolymer. , 2019, , .		1
15	Carbon-Bridged <i>p</i> -Phenylenevinylene Polymer for High-Performance Solution-Processed Distributed Feedback Lasers. <i>Advanced Optical Materials</i> , 2018, 6, 1800069.	3.6	20
16	An Efficient and Color-Tunable Solution-Processed Organic Thin-Film Laser with a Polymeric Top-Layer Resonator. <i>Advanced Optical Materials</i> , 2017, 5, 1700238.	3.6	39
17	Two-dimensional distributed feedback lasers with thermally-nanoimprinted peryleneimide-containing films. <i>Optical Materials Express</i> , 2017, 7, 1295.	1.6	6
18	Organic distributed feedback laser to monitor solvent extraction upon thermal annealing in solution-processed polymer films. <i>Sensors and Actuators B: Chemical</i> , 2016, 232, 605-610.	4.0	10

#	ARTICLE	IF	CITATIONS
19	Organic distributed feedback laser for label-free biosensing of ErbB2 protein biomarker. <i>Sensors and Actuators B: Chemical</i> , 2016, 223, 261-265.	4.0	28
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	Label-free sensors based on perylenediimide-doped polystyrene distributed feedback lasers. <i>Proceedings of SPIE</i> , 2015, , .	0.8	0
22	Distributed feedback lasers based on perylenediimide dyes for label-free refractive index sensing. <i>Sensors and Actuators B: Chemical</i> , 2015, 220, 1368-1375.	4.0	29
23	Carbon-bridged oligo(p-phenylenevinylene)s for photostable and broadly tunable, solution-processable thin film organic lasers. <i>Nature Communications</i> , 2015, 6, 8458.	5.8	105
24	Improved performance of perylenediimide-based lasers. <i>Journal of Materials Chemistry C</i> , 2013, 1, 1182-1191.	2.7	47
25	Pupil detection and tracking for analysis of fixational eye micromovements. <i>Optik</i> , 2012, 123, 11-15.	1.4	20