

# Marta Morales-Vidal

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3720294/publications.pdf>

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  | Carbon-bridged oligo( <i>p</i> -phenylenevinylene)s for photostable and broadly tunable, solution-processable thin film organic lasers. <i>Nature Communications</i> , 2015, 6, 8458.                     | 5.8 | 105       |
| 2  | Solution-processed nanographene distributed feedback lasers. <i>Nature Communications</i> , 2019, 10, 3327.   | 5.8 | 59        |
| 3  | Improved performance of perylenediimide-based lasers. <i>Journal of Materials Chemistry C</i> , 2013, 1, 1182-1191.   | 2.7 | 47        |
| 4  | 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        |
| 5  | 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        |
| 6  | 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        |
| 7  | Pupil detection and tracking for analysis of fixational eye micromovements. <i>Optik</i> , 2012, 123, 11-15.  | 1.4 | 20        |
| 8  | 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        |
| 9  | LED-Cured Reflection Gratings Stored in an Acrylate-Based Photopolymer. <i>Polymers</i> , 2019, 11, 632.  | 2.0 | 12        |
| 10 | 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        |
| 11 | 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         |
| 12 | Complex Diffractive Optical Elements Stored in Photopolymers. <i>Polymers</i> , 2019, 11, 1920.   | 2.0 | 8         |
| 13 | Analytical modeling of blazed gratings on two-dimensional pixelated liquid crystal on silicon devices. <i>Optical Engineering</i> , 2020, 59, 1.  | 0.5 | 7         |
| 14 | Two-dimensional distributed feedback lasers with thermally-nanoimprinted perylenediimide-containing films. <i>Optical Materials Express</i> , 2017, 7, 1295.  | 1.6 | 6         |
| 15 | Tunable Waveguides Couplers Based on HPDLC for See-Through Applications. <i>Polymers</i> , 2021, 13, 1858.  | 2.0 | 6         |
| 16 | Green and wide acceptance angle solar concentrators. <i>Optics Express</i> , 2022, 30, 25366.   | 1.7 | 6         |
| 17 | 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         |
| 18 | Aberration-Based Quality Metrics in Holographic Lenses. <i>Polymers</i> , 2020, 12, 993.  | 2.0 | 5         |

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|----|---|-----|-----------|
| 19 | 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         |
| 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 | Blazed grating theory to minimize the non-idealities in LCoS devices. , 2019, , .   |     | 1         |
| 22 | Efficient and stable holographic gratings stored in an environmentally friendly photopolymer. , 2019, , .   |     | 1         |
| 23 | Label-free sensors based on perylenediimide-doped polystyrene distributed feedback lasers. <i>Proceedings of SPIE</i> , 2015, , .   | 0.8 | 0         |
| 24 | VIRTUAL OPTICAL LABORATORY EXPERIENCE DURING COVID-19 PANDEMIC. , 2021, , .   |     | 0         |
| 25 | High performance thin film organic lasers for sensing applications. <i>Optica Pura Y Aplicada</i> , 2019, 52, 1-9.  | 0.0 | 0         |