

Maria Moffa

List of Publications by Year in descending order

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39
papers

824
citations

430442

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500791

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39
times ranked

1368
citing authors

#	ARTICLE	IF	CITATIONS
1	Tuneable optical gain and broadband lasing driven in electrospun polymer fibers by high dye concentration. <i>Journal of Materials Chemistry C</i> , 2022, 10, 2042-2048.	2.7	2
2	Dye Stabilization and Wavelength Tunability in Lasing Fibers Based on DNA. <i>Advanced Optical Materials</i> , 2020, 8, 2001039.	3.6	11
3	Enhanced Electrospinning of Active Organic Fibers by Plasma Treatment on Conjugated Polymer Solutions. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 26320-26329.	4.0	13
4	Nanowire-Enhanced Metal-Enhanced Fluorescence in Hybrid Polymer-Plasmonic Electrospun Filaments. <i>Small</i> , 2018, 14, e1800187.	5.2	13
5	Electrospun Conjugated Polymer/Fullerene Hybrid Fibers: Photoactive Blends, Conductivity through Tunneling-AFM, Light Scattering, and Perspective for Their Use in Bulk-Heterojunction Organic Solar Cells. <i>Journal of Physical Chemistry C</i> , 2018, 122, 3058-3067.	1.5	15
6	Diverse Regimes of Mode Intensity Correlation in Nanofiber Random Lasers through Nanoparticle Doping. <i>ACS Photonics</i> , 2018, 5, 1026-1033.	3.2	24
7	Biomaterial Amorphous Lasers through Light-Scattering Surfaces Assembled by Electrospun Fiber Templates. <i>Laser and Photonics Reviews</i> , 2018, 12, 1700224.	4.4	6
8	Highly sticky surfaces made by electrospun polymer nanofibers. <i>RSC Advances</i> , 2017, 7, 5836-5842.	1.7	22
9	Light coupling in polymer nanofibers: from single-photon emission to random lasing. , 2017, , .		0
10	Random optical media based on hybrid organic-inorganic nanowires: multiple scattering, field localization, and light diffusion. , 2017, , .		0
11	Neuregulin 1 functionalization of organic fibers for Schwann cell guidance. <i>Nanotechnology</i> , 2017, 28, 155303.	1.3	11
12	Secondary Metabolite Production from Industrially Relevant Bacteria is Enhanced by Organic Nanofibers. <i>Biotechnology Journal</i> , 2017, 12, 1700313.	1.8	4
13	Nanoparticle-doped electrospun fiber random lasers with spatially extended light modes. <i>Optics Express</i> , 2017, 25, 24604.	1.7	18
14	Bioactive Nanofiber Matrices Functionalized with Fibronectin-Mimetic Peptides Driving the Alignment and Tubular Commitment of Adult Renal Stem Cells. <i>Macromolecular Chemistry and Physics</i> , 2016, 217, 199-212.	1.1	7
15	Modal Coupling of Single Photon Emitters Within Nanofiber Waveguides. <i>ACS Nano</i> , 2016, 10, 6125-6130.	7.3	33
16	Micropatterning control of tubular commitment in human adult renal stem cells. <i>Biomaterials</i> , 2016, 94, 57-69.	5.7	13
17	Threading through Macrocycles Enhances the Performance of Carbon Nanotubes as Polymer Fillers. <i>ACS Nano</i> , 2016, 10, 8012-8018.	7.3	30
18	Anisotropic Conjugated Polymer Chain Conformation Tailors the Energy Migration in Nanofibers. <i>Journal of the American Chemical Society</i> , 2016, 138, 15497-15505.	6.6	16

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19	Core-Shell Electrospun Fibers Encapsulating Chromophores or Luminescent Proteins for Microscopically Controlled Molecular Release. <i>Molecular Pharmaceutics</i> , 2016, 13, 729-736.	2.3	25
20	Surface-enhanced Raman spectroscopy in 3D electrospun nanofiber mats coated with gold nanorods. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 1357-1364.	1.9	27
21	Control of photon transport properties in nanocomposite nanowires. <i>Proceedings of SPIE</i> , 2016, , .	0.8	2
22	Optimization of electrospinning techniques for the realization of nanofiber plastic lasers. <i>Proceedings of SPIE</i> , 2016, , .	0.8	5
23	Ratiometric Organic Fibers for Localized and Reversible Ion Sensing with Micrometer-Scale Spatial Resolution. <i>Small</i> , 2015, 11, 6417-6424.	5.2	22
24	Electrospun Fluorescent Nanofibers and Their Application in Optical Sensing. <i>Nanoscience and Technology</i> , 2015, , 129-155.	1.5	11
25	Nanofibers: Ratiometric Organic Fibers for Localized and Reversible Ion Sensing with Micrometer-Scale Spatial Resolution (<i>Small</i> 48/2015). <i>Small</i> , 2015, 11, 6416-6416.	5.2	0
26	Sub-ms dynamics of the instability onset of electrospinning. <i>Soft Matter</i> , 2015, 11, 3424-3431.	1.2	29
27	Electrospun Amplified Fiber Optics. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 5213-5218.	4.0	17
28	Controlled Atmosphere Electrospinning of Organic Nanofibers with Improved Light Emission and Waveguiding Properties. <i>Macromolecules</i> , 2015, 48, 7803-7809.	2.2	30
29	Multifunctional Polymer Nanofibers: UV Emission, Optical Gain, Anisotropic Wetting, and High Hydrophobicity for Next Flexible Excitation Sources. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 21907-21912.	4.0	16
30	Electrospun conjugated polymer nanofibers as miniaturized light sources: control of morphology, optical properties, and assembly. , 2014, , .		0
31	Lasers: Distributed Feedback Imprinted Electrospun Fiber Lasers (<i>Adv. Mater.</i> 38/2014). <i>Advanced Materials</i> , 2014, 26, 6660-6660.	11.1	2
32	Conformational Evolution of Elongated Polymer Solutions Tailors the Polarization of Light-Emission from Organic Nanofibers. <i>Macromolecules</i> , 2014, 47, 4704-4710.	2.2	31
33	Optical Gain in the Near Infrared by Light-Emitting Electrospun Fibers. <i>Advanced Functional Materials</i> , 2014, 24, 5225-5231.	7.8	26
34	Distributed Feedback Imprinted Electrospun Fiber Lasers. <i>Advanced Materials</i> , 2014, 26, 6542-6547.	11.1	44
35	Organic Nanofibers Embedding Stimuli-Responsive Threaded Molecular Components. <i>Journal of the American Chemical Society</i> , 2014, 136, 14245-14254.	6.6	42
36	Combined Nano- and Micro-Scale Topographic Cues for Engineered Vascular Constructs by Electrospinning and Imprinted Micro-Patterns. <i>Small</i> , 2014, 10, 2439-2450.	5.2	65

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37	Bright Light Emission and Waveguiding in Conjugated Polymer Nanofibers Electrospun from Organic Salt Added Solutions. <i>Macromolecules</i> , 2013, 46, 5935-5942.	2.2	63
38	Microvascular endothelial cell spreading and proliferation on nanofibrous scaffolds by polymer blends with enhanced wettability. <i>Soft Matter</i> , 2013, 9, 5529.	1.2	35
39	Local Mechanical Properties of Electrospun Fibers Correlate to Their Internal Nanostructure. <i>Nano Letters</i> , 2013, 13, 5056-5062.	4.5	94