

# Clarissa A Olivati

## List of Publications by Year in descending order

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57  
papers

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citations

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docs citations

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times ranked

790  
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#	ARTICLE	IF	CITATIONS
1	Structural and Electric-Optical Properties of Zinc Phthalocyanine Evaporated Thin Films: Temperature and Thickness Effects. <i>Journal of Physical Chemistry C</i> , 2010, 114, 12290-12299.	1.5	59
2	Langmuir and Langmuir-Blodgett Films of Poly[2-methoxy-5-(n-hexyloxy)-p-phenylenevinylene]. <i>Langmuir</i> , 2003, 19, 8835-8842.	1.6	34
3	Detection of phenolic compounds using impedance spectroscopy measurements. <i>Bioprocess and Biosystems Engineering</i> , 2009, 32, 41-46.	1.7	33
4	Gas sensor for ammonia detection based on poly(vinyl alcohol) and polyaniline electrospun. <i>Journal of Applied Polymer Science</i> , 2019, 136, 47288.	1.3	32
5	Nanostructured films from phthalocyanine and carbon nanotubes: Surface morphology and electrical characterization. <i>Journal of Colloid and Interface Science</i> , 2012, 367, 467-471.	5.0	25
6	Polymer light emitting devices with Langmuir-Blodgett (LB) films: Enhanced performance due to an electron-injecting layer of ionomers. <i>Chemical Physics Letters</i> , 2005, 408, 31-36.	1.2	24
7	Langmuir and Langmuir-Blodgett (LB) films of poly[(2-methoxy,5-n-octadecyl)-p-phenylenevinylene] (OC1OC18-PPV). <i>Polymer</i> , 2005, 46, 5140-5148.	1.8	23
8	Physical Vapor Deposited Thin Films of Lignins Extracted from Sugar Cane Bagasse: Morphology, Electrical Properties, and Sensing Applications. <i>Biomacromolecules</i> , 2011, 12, 3223-3231.	2.6	21
9	Detection of glucose and triglycerides using information visualization methods to process impedance spectroscopy data. <i>Sensors and Actuators B: Chemical</i> , 2012, 166-167, 231-238.	4.0	18
10	Electrical and electrochemical measurements in nanostructured films of polythiophene derivatives. <i>Electrochimica Acta</i> , 2015, 165, 1-6.	2.6	18
11	Supramolecular Organization-Electrical Properties Relation in Nanometric Organic Films. <i>Journal of Physical Chemistry C</i> , 2015, 119, 12055-12064.	1.5	18
12	Detection of volatile organic compounds using a polythiophene derivative. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2010, 207, 1756-1759.	0.8	17
13	Langmuir and Langmuir-Blodgett Films of Polyfluorenes and Their Use in Polymer Light-Emitting Diodes. <i>Journal of Polymer Research</i> , 2007, 14, 39-44.	1.2	15
14	Supramolecular Architecture and Electrical Properties of a Perylene Derivative in Physical Vapor Deposited Films. <i>Materials Research</i> , 2015, 18, 127-137.	0.6	15
15	Organization of polythiophenes at ultrathin films mixed with stearic acid investigated with polarization-modulation infrared reflection-absorption spectroscopy. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2017, 529, 628-633.	2.3	15
16	Anisotropy in the optical properties of oriented Langmuir-Blodgett films of OC1OC6-PPV. <i>Chemical Physics Letters</i> , 2003, 381, 404-409.	1.2	14
17	Enhanced optical and electrical properties of layer-by-layer luminescent films. <i>Journal of Applied Physics</i> , 2003, 94, 5592-5598.	1.1	12
18	Molecular Architecture and Electrical Properties in Evaporated Films of Cobalt Phthalocyanine. <i>Journal of Nanoscience and Nanotechnology</i> , 2012, 12, 7010-7020.	0.9	12

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19	Optical, electrical, and thermochromic properties of polyazothiophene Langmuir-Blodgett films. <i>Colloid and Polymer Science</i> , 2008, 286, 1395-1401.	1.0	10
20	Poly(3-octylthiophene)/stearic Acid Langmuir and Langmuir-Blodgett films: Preparation and characterization. <i>Materials Research</i> , 2014, 17, 1442-1448.	0.6	10
21	Molecular organization relationship of low-bandgap polymers at the air-water interface and in solid films. <i>Journal of Molecular Liquids</i> , 2018, 268, 114-121.	2.3	10
22	Optically anisotropic and photoconducting Langmuir-Blodgett films of neat poly(3-hexylthiophene). <i>Thin Solid Films</i> , 2012, 520, 2208-2210.	0.8	8
23	Complementary study on the electrical and structural properties of poly(3-alkylthiophene) and its copolymers synthesized on ITO by electrochemical impedance and Raman spectroscopy. <i>Journal of Materials Science: Materials in Electronics</i> , 2015, 26, 149-161.	1.1	8
24	Langmuir-Schaefer films of regioregular polythiophene derivatives as VOCs sensors. <i>Materials Chemistry and Physics</i> , 2018, 217, 421-426.	2.0	8
25	The influence of preparation method of OC1OC6-PPV films on the photo-oxidation process. <i>Polymer Degradation and Stability</i> , 2006, 91, 2342-2346.	2.7	7
26	Influence of the Supramolecular Arrangement in the Electrical Conductivity of Poly(thiophene) Thin Films. <i>Journal of Nanoscience and Nanotechnology</i> , 2017, 17, 460-466.	0.9	7
27	Supramolecular architecture and electrical conductivity in organic semiconducting thin films. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 13554-13562.	1.3	7
28	Reversible photovoltaic/electroluminescent effects of Al/MH-PPV/ITO structures. <i>Synthetic Metals</i> , 2001, 121, 1579-1580.	2.1	6
29	Photoconduction Effect on PPV and MH-PPV Structures. <i>Molecular Crystals and Liquid Crystals</i> , 2002, 374, 451-456.	0.4	6
30	Light Emitting Diodes Containing Langmuir-Blodgett Films of Copolymer of a Poly(p-phenylene-vinylene) Derivative and Poly(octaneoxide). <i>Journal of Nanoscience and Nanotechnology</i> , 2008, 8, 2432-2435.	0.9	6
31	Characterization of the interaction between P3ATs with PCBM on ITO using in situ Raman spectroscopy and electrochemical impedance spectroscopy. <i>Journal of Materials Science: Materials in Electronics</i> , 2015, 26, 7844-7852.	1.1	6
32	Study of heterojunction diodes using POMA/PANI and amorphous/microcrystalline silicon structures. <i>Synthetic Metals</i> , 2001, 121, 1545-1546.	2.1	5
33	Electrical properties of polymer/metal interface in polymer light-emitting devices: electron injection barrier suppression. <i>Journal of Materials Science</i> , 2006, 41, 2767-2770.	1.7	5
34	Thin films of poly[(9,9-dioctylfluorene)-co-thiophene] deposited on ITO by the Langmuir-Schaefer and Langmuir-Blodgett techniques. <i>Journal of Materials Science: Materials in Electronics</i> , 2017, 28, 3875-3883.	1.1	5
35	Hybrid and pristine polyalkylthiophene Langmuir-Schaefer films: Relationships of electrical impedance spectroscopy measurements, barrier properties and polymer nanostructure. <i>Materials Science in Semiconductor Processing</i> , 2019, 91, 296-305.	1.9	5
36	Understanding the langmuir and Langmuir-Schaefer film conformation of low-bandgap polymers and their bulk heterojunctions with PCBM. <i>Nanotechnology</i> , 2020, 31, 315712.	1.3	5

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37	The role of film composition and nanostructuration on the polyphenol sensor performance. AIMS Materials Science, 2016, 4, 27-42.	0.7	5
38	Langmuir and Langmuir-Blodgett films of low bandgap polymers. Polymer International, 2018, 67, 1028-1034.	1.6	4
39	Regioregularity and deposition effect on the physical/chemical properties of polythiophene derivatives films. Nanotechnology, 2019, 30, 325703.	1.3	4
40	Study of the Nanostructure Effect on Polyalkylthiophene Derivatives Films Using Impedance Spectroscopy. Materials Research, 2017, 20, 874-881.	0.6	3
41	Using Langmuir-Schaefer deposition technique to improve the gas sensing performance of regiorandom polythiophene films. Sensors and Actuators Reports, 2022, 4, 100094.	2.3	3
42	Study of a POMA based solar cell. Synthetic Metals, 2001, 121, 1577-1578.	2.1	2
43	Effect of ion concentration of ionomer in electron injection layer of polymer light-emitting devices. Journal of Non-Crystalline Solids, 2006, 352, 1686-1690.	1.5	2
44	Surface morphology and optical characterization of OC1 OC6-PPV films. Brazilian Journal of Physics, 2006, 36, 496-498.	0.7	2
45	Towards the synthesis of poly(azafulleroid)s: main chain fullerene oligomers for organic photovoltaic devices. Polymer International, 2017, 66, 1364-1371.	1.6	1
46	Electrospun PPY.DBSA/PVA Nanofibers for Ammonium Gas Sensor. Materials Research, 2021, 24, .	0.6	1
47	Study of the Effect of Solvent on the Conductivity of Langmuir-Schaefer Films of Poly(Fullerene)s. Materials Research, 2021, 24, .	0.6	1
48	Photoconduction Effect on PPV and MH-PPV Structures. Molecular Crystals and Liquid Crystals, 2002, 374, 451-456.	0.3	1
49	Influence of the solvents in the morphology of Langmuir and Langmuir-Schaefer films of PCBM and PCBM-based oligomers and polymers. Physical Chemistry Chemical Physics, 2022, , .	1.3	1
50	Polymer light emitting devices with Langmuir Blodgett (LB) films of a polyfluorene derivative. , 0, , .		0
51	Photo-oxidation of polyphenylenevinylene chains in Langmuir-Blodgett and cast films. , 0, , .		0
52	Incorporation of a liquid crystal to enhance the luminescence properties of Langmuir-Blodgett films of OC1OC6-PPV. Journal of Luminescence, 2009, 129, 1381-1384.	1.5	0
53	Effect of a Polymeric Protective Coating on Optical and Electrical Properties of Poly(p-phenylene) Tj ETQq1 1 0.784314 rgBT /Overlock 1	1.5	0
54	Electrical characterization of the Macusanite volcanic glass and influence of nuclear fission tracks on electrical conductivity. Radiation Physics and Chemistry, 2020, 176, 108988.	1.4	0

#	ARTICLE	IF	CITATIONS
55	Molecular Organization of Functionalized Carbon Nanotube at the Water-Air Interface and in Solid Thin Film. Materials Research, 2021, 24, .	0.6	0
56	Polyfullerene Thin Films Applied as NH3 Sensors. Materials Research, 2021, 24, .	0.6	0
57	Electronic Nose based on Poly(vinylidene fluoride)-modified Nanofibers for Discriminative Detection of Volatile Organic Compounds. , 2022, , .		0