

# Maria C Salvadori

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/3531359/maria-c-salvadori-publications-by-year.pdf>

**Version:** 2024-04-26

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

126  
papers

1,602  
citations

21  
h-index

31  
g-index

132  
ext. papers

1,773  
ext. citations

2.8  
avg, IF

4.51  
L-index

#	Paper	IF	Citations
126	New evidence for Iamoxifen as an antischistosomal agent: , and target fishing studies. <i>Future Medicinal Chemistry</i> , <b>2021</b> , 13, 945-957	4.1	7
125	Self-assembled Au and Pt nanoparticles in Poly(methyl methacrylate). <i>Microscopy Research and Technique</i> , <b>2021</b> , 84, 1498-1505	2.8	
124	Brazilian red propolis exhibits antiparasitic properties in vitro and reduces worm burden and egg production in an mouse model harboring either early or chronic <i>Schistosoma mansoni</i> infection. <i>Journal of Ethnopharmacology</i> , <b>2021</b> , 264, 113387	5	15
123	Antiparasitic Properties of Cardiovascular Agents against Human Intravascular Parasite. <i>Pharmaceuticals</i> , <b>2021</b> , 14,	5.2	7
122	H1-antihistamines as antischistosomal drugs: in vitro and in vivo studies. <i>Parasites and Vectors</i> , <b>2020</b> , 13, 278	4	12
121	Antiparasitic activity of pipartine (piperlongumine) in a mouse model of schistosomiasis. <i>Acta Tropica</i> , <b>2020</b> , 205, 105350	3.2	19
120	Substrate for Surface-Enhanced Raman Spectroscopy Formed by Gold Nanoparticles Buried in Poly(methyl methacrylate). <i>ACS Omega</i> , <b>2020</b> , 5, 10366-10373	3.9	6
119	Characterization of nitrogen doped grapheme bilayers synthesized by fast, low temperature microwave plasma-enhanced chemical vapour deposition. <i>Scientific Reports</i> , <b>2019</b> , 9, 13715	4.9	25
118	Promethazine exhibits antiparasitic properties and reduces worm burden, egg production, hepato-, and splenomegaly in a schistosomiasis animal model. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2019</b> ,	5.9	14
117	Low-temperature plasma treatment of polylactic acid and PLA/HA composite material. <i>Journal of Materials Science</i> , <b>2019</b> , 54, 11726-11738	4.3	19
116	Nucleation of gold nanoclusters in PMMA during energetic plasma deposition: A molecular dynamics and tMC-Monte Carlo study. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , <b>2019</b> , 112, 19-25	3	2
115	and Studies of Spironolactone as an Antischistosomal Drug Capable of Clinical Repurposing. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2019</b> , 63,	5.9	20
114	PBAT/kraft lignin blend in flexible laminated food packaging: Peeling resistance and thermal degradability. <i>Polymer Testing</i> , <b>2018</b> , 67, 169-176	4.5	67
113	The peeling resistance of flexible laminated food packaging: Roles of the NCO:OH ratio and aluminum surface aging times <b>2018</b> , 94, 784-798		2
112	Reversing an S-kink effect caused by interface degradation in organic solar cells through gold ion implantation in the PEDOT:PSS layer. <i>Journal of Applied Physics</i> , <b>2018</b> , 123, 155502	2.5	6
111	Preparation and characterization of copper thin film obtained by metal plasma immersion ion implantation and deposition. <i>Thin Solid Films</i> , <b>2018</b> , 649, 136-141	2.2	3
110	Gemcitabine/Cisplatin Treatment Induces Concomitant SERTAD1, CDKN2B and GADD45A Modulation and Cellular Changes in Bladder Cancer Cells Regardless of the Site of TP53 Mutation. <i>Pathology and Oncology Research</i> , <b>2018</b> , 24, 407-417	2.6	4

109	Disinfection of ancient paper contaminated with fungi using supercritical carbon dioxide. <i>Journal of Cultural Heritage</i> , <b>2018</b> , 30, 110-116	2.9	9
108	Non-thermal plasma increase bond strength of zirconia to a resin cement. <i>Brazilian Dental Science</i> , <b>2018</b> , 21, 210	1.2	6
107	In Vitro and in Vivo Antischistosomal Activities of Chalcones. <i>Chemistry and Biodiversity</i> , <b>2018</b> , 15, e1800398	3.8	8
106	Study of the correlation between flexible food packaging peeling resistance and surface composition for aluminum-metallized BOPP films aged at 60°C <b>2017</b> , 93, 4-17		6
105	Mechanical and thermal properties of electron beam-irradiated polypropylene reinforced with Kraft lignin. <i>Radiation Physics and Chemistry</i> , <b>2017</b> , 139, 5-10	2.5	19
104	Cyclohexene-fused 1,3-oxazines with selective antibacterial and antiparasitic action and low cytotoxic effects. <i>Toxicology in Vitro</i> , <b>2017</b> , 44, 273-279	3.6	34
103	Antiparasitic activity of nerolidol in a mouse model of schistosomiasis. <i>International Journal of Antimicrobial Agents</i> , <b>2017</b> , 50, 467-472	14.3	42
102	On the influence of PDMS (polydimethylsiloxane) substrate surface energy in wrinkling of DLC (diamond-like carbon) thin films. <i>Journal of Applied Physics</i> , <b>2017</b> , 122, 135308	2.5	3
101	Zirconium Based Metal Pretreatments: A Characterization Method for Ecologically Sustainable Thin Film Surface Pretreatments. <i>Materials Science Forum</i> , <b>2016</b> , 869, 693-698	0.4	
100	Spontaneous wrinkling of soft matter by energetic deposition of Cr and Au. <i>Journal of Applied Physics</i> , <b>2016</b> , 119, 145305	2.5	6
99	Cell growth on 3D microstructured surfaces. <i>Materials Science and Engineering C</i> , <b>2016</b> , 63, 686-9	8.3	4
98	The effect of magnetic domain walls on the complex permeability of bulk Z-type cobalt hexaferrite along both W and Y-phases. <i>Materials Chemistry and Physics</i> , <b>2016</b> , 170, 12-23	4.4	4
97	Properties of aluminum oxide thin film obtained by metal plasma immersion ion implantation and deposition after zirconium-based pretreatment. <i>Vacuum</i> , <b>2015</b> , 121, 32-41	3.7	6
96	Dimensional effects on the tunneling conductivity of gold-implanted nanocomposite films. <i>Journal of Applied Physics</i> , <b>2015</b> , 117, 125302	2.5	5
95	CO2 Laser Glazing Treatment of a Veneering Porcelain: Effects on Porosity, Translucency, and Mechanical Properties. <i>Operative Dentistry</i> , <b>2015</b> , 40, 247-54	2.9	1
94	Low-energy dc ion source for low operating pressure. <i>Review of Scientific Instruments</i> , <b>2014</b> , 85, 083502	1.7	3
93	Surface modification by metal ion implantation forming metallic nanoparticles in an insulating matrix. <i>Applied Surface Science</i> , <b>2014</b> , 310, 158-163	6.7	17
92	Cell adhesion and growth on surfaces modified by plasma and ion implantation. <i>Journal of Applied Physics</i> , <b>2014</b> , 115, 154701	2.5	4

91	Gold ion implantation into alumina using an "inverted ion source" configuration. <i>Review of Scientific Instruments</i> , <b>2014</b> , 85, 02B502	1.7	1
90	Nanocomposite formed by titanium ion implantation into alumina. <i>Journal of Applied Physics</i> , <b>2014</b> , 116, 184306	2.5	1
89	Electrical conductivity of gold-implanted alumina nanocomposite. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , <b>2013</b> , 310, 32-36	1.2	9
88	Tooth tissue engineering: the influence of hydrophilic surface on nanocrystalline diamond films for human dental stem cells. <i>Tissue Engineering - Part A</i> , <b>2013</b> , 19, 2537-43	3.9	8
87	Performance of an inverted ion source. <i>Review of Scientific Instruments</i> , <b>2013</b> , 84, 023506	1.7	4
86	Microcavity-array superhydrophobic surfaces: Limits of the model. <i>Journal of Applied Physics</i> , <b>2013</b> , 114, 174911	2.5	4
85	Isotropic and anisotropic wrinkling of diamond-like carbon films on polydimethylsiloxane substrates. <i>Journal of Applied Physics</i> , <b>2013</b> , 113, 234904	2.5	3
84	Environmental effects in Kelvin force microscopy of modified diamond surfaces. <i>Microscopy Research and Technique</i> , <b>2012</b> , 75, 977-81	2.8	2
83	Low cost ion implantation technique. <i>Applied Physics Letters</i> , <b>2012</b> , 101, 224104	3.4	8
82	Tailored SERS substrates obtained with cathodic arc plasma ion implantation of gold nanoparticles into a polymer matrix. <i>Physical Chemistry Chemical Physics</i> , <b>2012</b> , 14, 2050-5	3.6	21
81	Interface tailoring for adhesion enhancement of diamond-like carbon thin films. <i>Diamond and Related Materials</i> , <b>2012</b> , 25, 8-12	3.5	11
80	Gold nanoparticle formation in diamond-like carbon using two different methods: Gold ion implantation and co-deposition of gold and carbon. <i>Journal of Applied Physics</i> , <b>2012</b> , 112, 074312	2.5	3
79	On the electrical conductivity of Ti-implanted alumina. <i>Journal of Applied Physics</i> , <b>2012</b> , 111, 063714	2.5	6
78	Annealing effects on nanostructured gold-polymethylmethacrylate composites: Small-angle x-ray scattering analysis. <i>Journal of Applied Physics</i> , <b>2012</b> , 111, 104311	2.5	8
77	Electrical conductivity of platinum-implanted polymethylmethacrylate nanocomposite. <i>Journal of Applied Physics</i> , <b>2011</b> , 110, 114905	2.5	11
76	Self-neutralized ion beam. <i>Journal of Applied Physics</i> , <b>2011</b> , 110, 083308	2.5	6
75	Effects of fluoride or nanohydroxiapatite on roughness and gloss of bleached teeth. <i>Microscopy Research and Technique</i> , <b>2011</b> , 74, 1069-75	2.8	15
74	Relationship between surface topography and energy density distribution of Er,Cr:YSGG beam on irradiated dentin: an atomic force microscopy study. <i>Photomedicine and Laser Surgery</i> , <b>2011</b> , 29, 261-9		13

73	Design and fabrication of microcavity-array superhydrophobic surfaces. <i>Journal of Applied Physics</i> , <b>2010</b> , 108, 024908	2.5	13
72	Structure of disordered gold-polymer thin films using small angle x-ray scattering. <i>Journal of Applied Physics</i> , <b>2010</b> , 108, 093505	2.5	6
71	Termination of diamond surfaces with hydrogen, oxygen and fluorine using a small, simple plasma gun. <i>Diamond and Related Materials</i> , <b>2010</b> , 19, 324-328	3.5	24
70	Nanostructured diamond-like carbon films characterization. <i>Journal of Alloys and Compounds</i> , <b>2010</b> , 495, 620-624	5.7	13
69	Design and fabrication of superhydrophobic surfaces formed of microcavities. <i>Applied Physics Letters</i> , <b>2010</b> , 96, 074101	3.4	9
68	A high voltage pulse power supply for metal plasma immersion ion implantation and deposition. <i>Review of Scientific Instruments</i> , <b>2010</b> , 81, 124703	1.7	5
67	Electrical, optical, and structural studies of shallow-buried Au-polymethylmethacrylate composite films formed by very low energy ion implantation. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , <b>2010</b> , 28, 818-823	2.9	11
66	AFM analysis of bleaching effects on dental enamel microtopography. <i>Applied Surface Science</i> , <b>2010</b> , 256, 2915-2919	6.7	24
65	Gold-implanted shallow conducting layers in polymethylmethacrylate. <i>Journal of Applied Physics</i> , <b>2009</b> , 105, 064313	2.5	26
64	Surface plasmon resonance of gold nanoparticles formed by cathodic arc plasma ion implantation into polymer. <i>Journal of Vacuum Science &amp; Technology B</i> , <b>2009</b> , 27, 2242		21
63	Influence of substrate surface topography in the deposition of nanostructured diamond-like carbon films by high density plasma chemical vapor deposition. <i>Surface and Coatings Technology</i> , <b>2009</b> , 203, 1193-1198	4.4	9
62	Quantitative Analysis of Surface Morphology and Applications. <i>Nanoscience and Technology</i> , <b>2009</b> , 153-186		2
61	Conducting polymer formed by low energy gold ion implantation. <i>Applied Physics Letters</i> , <b>2008</b> , 93, 073102	1.4	38
60	Novel method for measuring nanofriction by atomic force microscope. <i>Journal of Vacuum Science &amp; Technology B</i> , <b>2008</b> , 26, 643		4
59	Development of microvalves for gas flow control in micronozzles using PVDF piezoelectric polymer. <i>Journal of Physics: Conference Series</i> , <b>2008</b> , 100, 052046	0.3	2
58	The gas flow rate increase obtained by an oscillating piezoelectric actuator on a micronozzle. <i>Sensors and Actuators A: Physical</i> , <b>2008</b> , 144, 154-160	3.9	10
57	Dentinal surface-cutting efficiency using a high-speed diamond bur, ultrasound and laser. <i>Laser Physics</i> , <b>2008</b> , 18, 472-477	1.2	11
56	Cavity generation in dental enamel using a copper-HyBRID laser. <i>Journal of Materials Science: Materials in Medicine</i> , <b>2007</b> , 18, 1507-13	4.5	1

55	ELECTRICAL RESISTIVITY OF VERY THIN METALLIC FILMS WITH ISOTROPIC AND ANISOTROPIC SURFACES. <i>Surface Review and Letters</i> , <b>2007</b> , 14, 345-356	1.1	2
54	INFLUENCE OF ELECTRON SCATTERING FROM MORPHOLOGICAL GRANULARITY AND SURFACE ROUGHNESS ON THIN FILM ELECTRICAL RESISTIVITY. <i>Surface Review and Letters</i> , <b>2007</b> , 14, 87-91	1.1	4
53	Small plasma source for materials application. <i>Review of Scientific Instruments</i> , <b>2007</b> , 78, 086103	1.7	9
52	Critical parameter determination of sonic flow controller diamond microtubes and micronozzles. <i>Journal of Vacuum Science &amp; Technology B</i> , <b>2007</b> , 25, 1804		
51	Fabrication and testing of a poly(vinylidene fluoride) (PVDF) microvalve for gas flow control. <i>Smart Materials and Structures</i> , <b>2007</b> , 16, 2302-2307	3.4	4
50	Atomic force microscope nanolithography of polymethylmethacrylate polymer. <i>Review of Scientific Instruments</i> , <b>2007</b> , 78, 053702	1.7	5
49	Anisotropic resistivity of thin films due to quantum electron scattering from anisotropic surface roughness. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , <b>2007</b> , 25, 330-333	2.9	4
48	Thermoelectric effect in very thin film Pt/Au thermocouples. <i>Applied Physics Letters</i> , <b>2006</b> , 88, 133106	3.4	32
47	Thermoelectric power in very thin film thermocouples: Quantum size effects. <i>Journal of Applied Physics</i> , <b>2006</b> , 100, 114905	2.5	21
46	On the origin of microcraters on the surface of ion beam bombarded plant cell walls. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , <b>2006</b> , 243, 250-252	1.2	5
45	Platinum and gold thin films deposited by filtered vacuum arc: morphological and crystallographic grain sizes. <i>Surface and Coatings Technology</i> , <b>2006</b> , 200, 2965-2969	4.4	25
44	DLC coating roughness as a function of film thickness. <i>Surface and Coatings Technology</i> , <b>2006</b> , 200, 5119-5122	4.4	43
43	Characterization of Ultrathin Films of Cellulose Esters. <i>Microscopy and Microanalysis</i> , <b>2005</b> , 11, 94-97	0.5	2
42	Characterization of Ultrathin Films of Cellulose Esters. <i>Cellulose</i> , <b>2005</b> , 12, 351-359	5.5	38
41	Diamond microstructures fabricated using silicon molds. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , <b>2005</b> , 23, 1575-1578	2.9	3
40	SURFACE-INDUCED ELECTRICAL RESISTIVITY OF CONDUCTING THIN FILMS. <i>Surface Review and Letters</i> , <b>2005</b> , 12, 221-226	1.1	2
39	KINETIC SURFACE ROUGHENING OF PLATINUM AND GOLD THIN FILMS. <i>Surface Review and Letters</i> , <b>2005</b> , 12, 675-679	1.1	5
38	Measurement of Electrical Resistivity of Nanostructured Platinum Thin Films and Quantum Mechanical Estimates. <i>Journal of Metastable and Nanocrystalline Materials</i> , <b>2004</b> , 20-21, 775-780	0.2	2

37	Grain Sizes and Surface Roughness in Platinum and Gold Thin Films. <i>Journal of Metastable and Nanocrystalline Materials</i> , <b>2004</b> , 20-21, 623-628	0.2	15
36	Young Modulus Measurement of Nanostructured Metallic Thin Films. <i>Journal of Metastable and Nanocrystalline Materials</i> , <b>2004</b> , 20-21, 758-762	0.2	4
35	ELECTRICAL RESISTIVITY OF PLATINUM AND GOLD THIN FILMS: A THEORETICAL APPROACH. <i>Surface Review and Letters</i> , <b>2004</b> , 11, 283-290	1.1	8
34	ELECTRICAL RESISTIVITY OF NANOSTRUCTURED PLATINUM AND GOLD THIN FILMS. <i>Surface Review and Letters</i> , <b>2004</b> , 11, 223-227	1.1	21
33	CONTRIBUTION OF THE MORPHOLOGICAL GRAIN SIZES TO THE ELECTRICAL RESISTIVITY OF PLATINUM AND GOLD THIN FILMS. <i>Surface Review and Letters</i> , <b>2004</b> , 11, 463-467	1.1	15
32	Characterization of Diamond Replicas Microfabricated Using Silicon Molds. <i>Journal of Metastable and Nanocrystalline Materials</i> , <b>2004</b> , 20-21, 195-200	0.2	
31	MEASUREMENT OF CRITICAL EXPONENTS OF NANOSTRUCTURED GOLD THIN FILMS. <i>Surface Review and Letters</i> , <b>2003</b> , 10, 903-908	1.1	8
30	MEASUREMENT OF CRITICAL EXPONENTS OF PLATINUM THIN FILMS. <i>Surface Review and Letters</i> , <b>2003</b> , 10, 1-5	1.1	13
29	Nanostructured Gold Thin Films: Young Modulus Measurement. <i>Surface Review and Letters</i> , <b>2003</b> , 10, 571-575	1.1	15
28	Characterization of diamond sonic micronozzles and microtube. <i>Journal of Vacuum Science &amp; Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena</i> , <b>2003</b> , 21, 2034		4
27	Measurement of the elastic modulus of nanostructured gold and platinum thin films. <i>Physical Review B</i> , <b>2003</b> , 67,	3.3	90
26	Contamination due to memory effects in filtered vacuum arc plasma deposition systems. <i>Applied Physics Letters</i> , <b>2002</b> , 81, 1969-1971	3.4	20
25	Diamond flow controller microtubes. <i>Journal of Micromechanics and Microengineering</i> , <b>2002</b> , 12, 108-110		2
24	CRITICAL EXPONENT MEASUREMENT OF POOR QUALITY DIAMOND FILMS. <i>Surface Review and Letters</i> , <b>2002</b> , 09, 1409-1412	1.1	4
23	Enolase Adsorption onto Hydrophobic and Hydrophilic Solid Substrates. <i>Langmuir</i> , <b>2002</b> , 18, 6914-6920	4	31
22	Fabrication of diamond flow controller micronozzles. <i>Diamond and Related Materials</i> , <b>2002</b> , 11, 237-241	3.5	10
21	DIAMOND REPLICA FILMS: A GROWTH DYNAMICS ANALYSIS. <i>Surface Review and Letters</i> , <b>2001</b> , 08, 291-294		5
20	DYNAMIC SCALING PHENOMENA IN DIAMOND FILM GROWTH. <i>Surface Review and Letters</i> , <b>2001</b> , 08, 347-351	1.1	9

19	Characterization of AFM cantilevers coated with diamond-like carbon. <i>Diamond and Related Materials</i> , <b>2001</b> , 10, 2190-2194	3.5	19
18	Diamond-like-carbon and molybdenum disulfide nanotribology studies using atomic force measurements. <i>Diamond and Related Materials</i> , <b>2001</b> , 10, 1049-1052	3.5	29
17	Critical exponents of diamond films: possible influence of spatially correlated noise. <i>Thin Solid Films</i> , <b>2000</b> , 376, 264-266	2.2	8
16	Investigation of the electron emission from pores in a diamond porous membrane. <i>Journal of Vacuum Science &amp; Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena</i> , <b>2000</b> , 18, 2415		4
15	New field-emission device with improved vacuum features. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , <b>2000</b> , 18, 1818-1822	2.9	5
14	Porous freestanding diamond membranes with reduced pore diameter. <i>Thin Solid Films</i> , <b>1999</b> , 353, 239-243		6
13	Roughness and critical exponents analysis of diamond films by AFM imaging. <i>Thin Solid Films</i> , <b>1999</b> , 354, 1-4	2.2	18
12	WC/Co cutting tool inserts with diamond coatings. <i>Diamond and Related Materials</i> , <b>1999</b> , 8, 1913-1918	3.5	64
11	Scanning probe microscopy of vacuum-arc-deposited metallic and diamond-like carbon thin films. <i>Thin Solid Films</i> , <b>1998</b> , 325, 19-23	2.2	8
10	Self-screening of Langmuir-Blodgett films by a discotic micellar lyotropic liquid crystal. <i>Liquid Crystals</i> , <b>1998</b> , 24, 793-798	2.3	1
9	Measurement of critical exponents of diamond films by atomic force microscopy imaging. <i>Physical Review E</i> , <b>1998</b> , 58, 6814-6816	2.4	17
8	Diamond membranes with controlled porosity. <i>Diamond and Related Materials</i> , <b>1997</b> , 6, 1824-1829	3.5	12
7	Plasma-assisted chemical vapour deposition in a tunable microwave cavity. <i>Plasma Sources Science and Technology</i> , <b>1995</b> , 4, 489-494	3.5	23
6	Columnar CVD diamond growth structure on irregular surface substrates. <i>Diamond and Related Materials</i> , <b>1995</b> , 4, 1255-1259	3.5	24
5	Permeable diamond membranes. <i>Diamond and Related Materials</i> , <b>1995</b> , 4, 1069-1072	3.5	3
4	The Effect of a Graphite Holder on Diamond Synthesis by Microwave Plasma Chemical Vapor Deposition. <i>Journal of the Electrochemical Society</i> , <b>1992</b> , 139, 558-560	3.9	24
3	Simple, safe, and economical microwave plasma-assisted chemical vapor deposition facility. <i>Review of Scientific Instruments</i> , <b>1992</b> , 63, 3389-3393	1.7	31
2	Diamond growth on silicon nitride by microwave plasma chemical vapor deposition. <i>Diamond and Related Materials</i> , <b>1992</b> , 1, 818-823	3.5	8



- 1 Diamond synthesis by microwave plasma chemical vapor deposition using graphite as the carbon source. *Applied Physics Letters*, **1991**, 59, 2386-2388 3.4 32