

# Nicolas Martin

## List of Publications by Citations

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129  
papers

2,650  
citations

26  
h-index

44  
g-index

129  
ext. papers

2,901  
ext. citations

4  
avg, IF

5  
L-index

#	Paper	IF	Citations
129	Microstructure modification of amorphous titanium oxide thin films during annealing treatment. <i>Thin Solid Films</i> , <b>1997</b> , 300, 113-121	2.2	220
128	Structural and mechanical properties of chromium nitride, molybdenum nitride, and tungsten nitride thin films. <i>Journal Physics D: Applied Physics</i> , <b>2003</b> , 36, 1023-1029	3	131
127	Correlation between processing and properties of TiOxNy thin films sputter deposited by the reactive gas pulsing technique. <i>Applied Surface Science</i> , <b>2001</b> , 185, 123-133	6.7	96
126	Titanium oxynitride thin films sputter deposited by the reactive gas pulsing process. <i>Applied Surface Science</i> , <b>2007</b> , 253, 5312-5316	6.7	93
125	Characterizations of titanium oxide films prepared by radio frequency magnetron sputtering. <i>Thin Solid Films</i> , <b>1996</b> , 287, 154-163	2.2	89
124	Glancing angle deposition to modify microstructure and properties of sputter deposited chromium thin films. <i>Surface and Coatings Technology</i> , <b>2003</b> , 174-175, 316-323	4.4	78
123	Structure and composition of Ti <sub>x</sub> Al <sub>1-x</sub> N thin films sputter deposited using a composite metallic target. <i>Surface and Coatings Technology</i> , <b>2002</b> , 157, 138-143	4.4	63
122	Enhanced sputtering of titanium oxide, nitride and oxynitride thin films by the reactive gas pulsing technique. <i>Surface and Coatings Technology</i> , <b>2001</b> , 142-144, 615-620	4.4	62
121	Influence of zigzag microstructure on mechanical and electrical properties of chromium multilayered thin films. <i>Surface and Coatings Technology</i> , <b>2004</b> , 180-181, 26-32	4.4	60
120	Correlation between structural and optical properties of WO <sub>3</sub> thin films sputter deposited by glancing angle deposition. <i>Thin Solid Films</i> , <b>2013</b> , 534, 275-281	2.2	57
119	Water as reactive gas to prepare titanium oxynitride thin films by reactive sputtering. <i>Thin Solid Films</i> , <b>2003</b> , 440, 66-73	2.2	54
118	The effect of bias power on some properties of titanium and titanium oxide films prepared by r.f. magnetron sputtering. <i>Surface and Coatings Technology</i> , <b>1998</b> , 107, 172-182	4.4	50
117	Effect of various parameters on the conductivity of free standing electrosynthesized polypyrrole films. <i>Synthetic Metals</i> , <b>2010</b> , 160, 2180-2185	3.6	49
116	Influence of substrate temperature on titanium oxynitride thin films prepared by reactive sputtering. <i>Applied Surface Science</i> , <b>2004</b> , 225, 29-38	6.7	47
115	Property change in multifunctional Ti <sub>x</sub> O <sub>y</sub> thin films: Effect of the O/Ti ratio. <i>Thin Solid Films</i> , <b>2006</b> , 515, 866-871	2.2	42
114	Energy distribution of ions bombarding TiO <sub>2</sub> thin films during sputter deposition. <i>Surface and Coatings Technology</i> , <b>2001</b> , 138, 77-83	4.4	41
113	Optimization of nanocomposite Au/TiO <sub>2</sub> thin films towards LSPR optical-sensing. <i>Applied Surface Science</i> , <b>2018</b> , 438, 74-83	6.7	40

112	Enhancement of mechanical properties of TiN/AlN multilayers by modifying the number and the quality of interfaces. <i>Surface and Coatings Technology</i> , <b>2000</b> , 124, 210-221	4.4	38
111	Reactive sputtering of TiOxNy coatings by the reactive gas pulsing process. Part I: Pattern and period of pulses. <i>Surface and Coatings Technology</i> , <b>2007</b> , 201, 7720-7726	4.4	37
110	High rate and process control of reactive sputtering by gas pulsing: the TiD system. <i>Thin Solid Films</i> , <b>2000</b> , 377-378, 550-556	2.2	36
109	Investigation of Niobium oxynitride thin films deposited by reactive magnetron sputtering. <i>Surface and Coatings Technology</i> , <b>2006</b> , 201, 4152-4157	4.4	33
108	A theoretical model for the electrical properties of chromium thin films sputter deposited at oblique incidence. <i>Journal Physics D: Applied Physics</i> , <b>2011</b> , 44, 215301	3	32
107	Nanocomposite Ag:TiN thin films for dry biopotential electrodes. <i>Applied Surface Science</i> , <b>2013</b> , 285, 40-48	6.7	30
106	TiAgx thin films for lower limb prosthesis pressure sensors: Effect of composition and structural changes on the electrical and thermal response of the films. <i>Applied Surface Science</i> , <b>2013</b> , 285, 10-18	6.7	27
105	Use of a theoretical model to investigate RF and DC reactive sputtering of titanium and chromium oxide coatings. <i>Surface and Coatings Technology</i> , <b>1998</b> , 110, 158-167	4.4	27
104	Improvement of ozone detection with GLAD WO3 films. <i>Materials Letters</i> , <b>2015</b> , 155, 1-3	3.3	26
103	Highly improved responsivity of self-powered UV/visible photodetector based on TiO2/Ag/TiO2 multilayer deposited by GLAD technique: Effects of oriented columns and nano-sculptured surface. <i>Applied Surface Science</i> , <b>2020</b> , 529, 147069	6.7	26
102	Electrochemical behaviour of nanocomposite Agx:TiN thin films for dry biopotential electrodes. <i>Electrochimica Acta</i> , <b>2014</b> , 125, 48-57	6.7	26
101	Phase mixture in MOCVD and reactive sputtering TiOxNy thin films revealed and quantified by XPS factorial analysis. <i>Acta Materialia</i> , <b>2006</b> , 54, 3067-3074	8.4	26
100	Nanoindentation of chromium zigzag thin films sputter deposited. <i>Surface and Coatings Technology</i> , <b>2005</b> , 200, 269-272	4.4	26
99	Highly sensitive, ultra-low dark current, self-powered solar-blind ultraviolet photodetector based on ZnO thin-film with an engineered rear metallic layer. <i>Materials Science in Semiconductor Processing</i> , <b>2020</b> , 110, 104957	4.3	23
98	ZrOxNydecorative thin films prepared by the reactive gas pulsing process. <i>Journal Physics D: Applied Physics</i> , <b>2009</b> , 42, 195501	3	23
97	Modeling of Young's modulus, hardness and stiffness of chromium zigzag multilayers sputter deposited. <i>Thin Solid Films</i> , <b>2006</b> , 503, 177-189	2.2	23
96	Correlation between structure and electrical resistivity of W-Cu thin films prepared by GLAD co-sputtering. <i>Surface and Coatings Technology</i> , <b>2017</b> , 313, 1-7	4.4	22
95	Reactive sputter deposition of CoCrCuFeNi in nitrogen/argon mixtures. <i>Journal of Alloys and Compounds</i> , <b>2018</b> , 769, 881-888	5.7	22

94	Electrical characterization of Ag:TiN thin films produced by glancing angle deposition. <i>Materials Letters</i> , <b>2014</b> , 115, 136-139	3.3	22
93	Reactive sputtering: A method to modify the metallic ratio in the novel silver/copper oxides. <i>Applied Surface Science</i> , <b>2006</b> , 253, 1484-1488	6.7	22
92	Influence of two reactive gases on the instabilities of the reactive sputtering process. <i>Surface and Coatings Technology</i> , <b>2001</b> , 142-144, 206-210	4.4	22
91	Instabilities of the reactive sputtering process involving one metallic target and two reactive gases. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , <b>1999</b> , 17, 2869-2878	2.9	22
90	Nanoplasmonic response of porous Au-TiO thin films prepared by oblique angle deposition. <i>Nanotechnology</i> , <b>2019</b> , 30, 225701	3.4	22
89	Influence of the sputtering pressure on the morphological features and electrical resistivity anisotropy of nanostructured titanium films. <i>Applied Surface Science</i> , <b>2017</b> , 420, 681-690	6.7	21
88	Analysis of multifunctional titanium oxycarbide films as a function of oxygen addition. <i>Surface and Coatings Technology</i> , <b>2012</b> , 206, 2525-2534	4.4	21
87	Electrical properties of Al <sub>Nx</sub> O <sub>y</sub> thin films prepared by reactive magnetron sputtering. <i>Thin Solid Films</i> , <b>2012</b> , 520, 6709-6717	2.2	21
86	Reactive sputtering of TiO <sub>x</sub> N <sub>y</sub> coatings by the reactive gas pulsing process: Part III: The particular case of exponential pulses. <i>Surface and Coatings Technology</i> , <b>2007</b> , 201, 7733-7738	4.4	21
85	Glancing angle deposition to control microstructure and roughness of chromium thin films. <i>Wear</i> , <b>2008</b> , 264, 444-449	3.5	21
84	Synthesis and characterization of polyaniline-silica composites: Raspberry vs core-shell structures. Where do we stand?. <i>Journal of Colloid and Interface Science</i> , <b>2017</b> , 502, 184-192	9.3	19
83	Anisotropic electrical resistivity during annealing of oriented columnar titanium films. <i>Materials Letters</i> , <b>2013</b> , 105, 20-23	3.3	19
82	Optical anisotropy of tilted columns thin films of chromium deposited at oblique incidence. <i>Optical Materials</i> , <b>2010</b> , 32, 1146-1153	3.3	19
81	The contribution of grain boundary barriers to the electrical conductivity of titanium oxide thin films. <i>Applied Physics Letters</i> , <b>2008</b> , 93, 064102	3.4	19
80	Reactive sputtering of TiO <sub>x</sub> N <sub>y</sub> coatings by the reactive gas pulsing process. <i>Surface and Coatings Technology</i> , <b>2007</b> , 201, 7727-7732	4.4	19
79	Subwavelength polarization optics via individual and coupled helical traveling-wave nanoantennas. <i>Light: Science and Applications</i> , <b>2019</b> , 8, 76	16.7	18
78	Exploiting the dodecane and ozone sensing capabilities of nanostructured tungsten oxide films. <i>Sensors and Actuators B: Chemical</i> , <b>2018</b> , 266, 773-783	8.5	17
77	Nanostructured functional Ti <sub>3</sub> Ag electrodes for large deformation sensor applications. <i>Sensors and Actuators A: Physical</i> , <b>2014</b> , 220, 204-212	3.9	17

76	Optical properties of nanostructured WO <sub>3</sub> thin films by GLancing Angle Deposition: Comparison between experiment and simulation. <i>Surface and Coatings Technology</i> , <b>2015</b> , 276, 136-140	4.4	15
75	Interdependence of structural and electrical properties in tantalum/tantalum oxide multilayers. <i>Surface and Coatings Technology</i> , <b>2013</b> , 227, 38-41	4.4	15
74	METAL-TO-DIELECTRIC TRANSITION INDUCED BY ANNEALING OF ORIENTED TITANIUM THIN FILMS. <i>Functional Materials Letters</i> , <b>2013</b> , 06, 1250051	1.2	15
73	Structural, electrical and magnetic characterization of in-situ crystallized ZnO:Co thin films synthesized by reactive magnetron sputtering. <i>Materials Chemistry and Physics</i> , <b>2015</b> , 161, 26-34	4.4	14
72	Modelling of reactive sputtering processes involving two separated metallic targets. <i>Surface and Coatings Technology</i> , <b>1999</b> , 114, 235-249	4.4	14
71	Piezoresistive response of nano-architected Ti <sub>x</sub> Cu <sub>y</sub> thin films for sensor applications. <i>Sensors and Actuators A: Physical</i> , <b>2016</b> , 247, 105-114	3.9	14
70	Nanocomposite thin films based on Au-Ag nanoparticles embedded in a CuO matrix for localized surface plasmon resonance sensing. <i>Applied Surface Science</i> , <b>2019</b> , 484, 152-168	6.7	13
69	Nano-sculptured Janus-like TiAg thin films obliquely deposited by GLAD co-sputtering for temperature sensing. <i>Nanotechnology</i> , <b>2018</b> , 29, 355706	3.4	13
68	Preparation of conductive PDDA/(PEDOT:PSS) multilayer thin film: influence of polyelectrolyte solution composition. <i>Journal of Colloid and Interface Science</i> , <b>2014</b> , 431, 64-70	9.3	13
67	Structural analysis of W <sub>3</sub> O/WO <sub>3</sub> and TiO/TiO <sub>2</sub> periodic multilayer thin films sputter deposited by the reactive gas pulsing process. <i>Thin Solid Films</i> , <b>2012</b> , 520, 4778-4781	2.2	13
66	Temperature dependence of electrical resistivity in oxidized vanadium films grown by the GLAD technique. <i>Surface and Coatings Technology</i> , <b>2016</b> , 304, 476-485	4.4	12
65	Intrinsic low energy bombardment of titanium chromium oxide thin films prepared by reactive sputtering. <i>Surface and Coatings Technology</i> , <b>2000</b> , 130, 280-289	4.4	12
64	Electrical resistivity and elastic wave propagation anisotropy in glancing angle deposited tungsten and gold thin films. <i>Applied Surface Science</i> , <b>2019</b> , 475, 606-614	6.7	12
63	Electron Tomography of Plasmonic Au Nanoparticles Dispersed in a TiO Dielectric Matrix. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 42882-42890	9.5	12
62	W-Cu sputtered thin films grown at oblique angles from two sources: Pressure and shielding effects. <i>Surface and Coatings Technology</i> , <b>2018</b> , 343, 153-159	4.4	11
61	Cation size effect on the thermochromic properties of rare earth cobaltites RECoO <sub>3</sub> (RE: La, Nd, Sm). <i>Journal of Applied Physics</i> , <b>2013</b> , 114, 113510	2.5	11
60	Accurate control of friction with nanosculptured thin coatings: Application to gripping in microscale assembly. <i>Tribology International</i> , <b>2013</b> , 59, 67-78	4.9	11
59	Silicon oxynitride thin films synthesised by the reactive gas pulsing process using rectangular pulses. <i>Applied Surface Science</i> , <b>2011</b> , 257, 10065-10071	6.7	11

58	Properties and electrochromic performances of reactively sputtered tungsten oxide films with water as reactive gas. <i>Surface and Coatings Technology</i> , <b>2005</b> , 200, 232-235	4.4	11
57	Tuning electrical resistivity anisotropy of ZnO thin films for resistive sensor applications. <i>Thin Solid Films</i> , <b>2018</b> , 654, 93-99	2.2	10
56	Effect of RGPP process on properties of CrSiN coatings. <i>Surface Engineering</i> , <b>2014</b> , 30, 606-611	2.6	10
55	The interdependence of structural and electrical properties in TiO <sub>2</sub> /TiO/Ti periodic multilayers. <i>Acta Materialia</i> , <b>2013</b> , 61, 4215-4225	8.4	10
54	Optical and Electrical Properties of W-O-N Coatings Deposited by DC Reactive Sputtering. <i>Plasma Processes and Polymers</i> , <b>2007</b> , 4, S69-S75	3.4	10
53	Study of the electrical behavior of nanostructured TiAg thin films, prepared by Glancing Angle Deposition. <i>Materials Letters</i> , <b>2015</b> , 157, 188-192	3.3	9
52	Influence of Thickness and Sputtering Pressure on Electrical Resistivity and Elastic Wave Propagation in Oriented Columnar Tungsten Thin Films. <i>Nanomaterials</i> , <b>2020</b> , 10,	5.4	9
51	Electrochemical characterization of nanostructured Ag:TiN thin films produced by glancing angle deposition on polyurethane substrates for bio-electrode applications. <i>Journal of Electroanalytical Chemistry</i> , <b>2016</b> , 768, 110-120	4.1	9
50	Enhanced tunability of the composition in silicon oxynitride thin films by the reactive gas pulsing process. <i>Applied Surface Science</i> , <b>2014</b> , 290, 148-153	6.7	9
49	Physical and Mechanical Properties of CrAlN and CrSiN Ternary Systems for Wood Machining Applications. <i>Plasma Processes and Polymers</i> , <b>2009</b> , 6, S113-S117	3.4	9
48	Photocatalytic Activity of Nanostructured Titanium Dioxide Thin Films. <i>International Journal of Photoenergy</i> , <b>2012</b> , 2012, 1-8	2.1	9
47	Anisotropic propagation imaging of elastic waves in oriented columnar thin films. <i>Journal Physics D: Applied Physics</i> , <b>2017</b> , 50, 484005	3	8
46	Reactive co-sputtering of tungsten oxide thin films by glancing angle deposition for gas sensors. <i>Materials Today: Proceedings</i> , <b>2019</b> , 6, 314-318	1.4	8
45	Thermoelectric properties improvement in Mg <sub>2</sub> Sn thin films by structural modification. <i>Journal of Alloys and Compounds</i> , <b>2019</b> , 797, 1078-1085	5.7	8
44	Structural and Morphological Changes in Ag:TiN Nanocomposite Films Promoted by In-Vacuum Annealing. <i>Journal of Nano Research</i> , <b>2013</b> , 25, 67-76	1	8
43	Substrate temperature and water vapour effects on structural and mechanical properties of TiO <sub>x</sub> N <sub>y</sub> coatings. <i>Journal of Materials Science</i> , <b>2006</b> , 41, 5639-5645	4.3	8
42	Plasmonic Helical Nanoantenna As a Converter between Longitudinal Fields and Circularly Polarized Waves. <i>Nano Letters</i> , <b>2021</b> , 21, 3410-3417	11.5	8
41	ZnO nano-tree active layer as heavy hydrocarbon sensor: From material synthesis to electrical and gas sensing properties. <i>Thin Solid Films</i> , <b>2015</b> , 596, 128-134	2.2	7

40	A 4-view imaging to reveal microstructural differences in obliquely sputter-deposited tungsten films. <i>Materials Letters</i> , <b>2020</b> , 264, 127381	3.3	7
39	Controlled thermal oxidation of nanostructured vanadium thin films. <i>Materials Letters</i> , <b>2016</b> , 174, 162-166	3.6	7
38	Process monitoring during AlN <sub>x</sub> O <sub>y</sub> deposition by reactive magnetron sputtering and correlation with the film's properties. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , <b>2014</b> , 32, 021307	2.9	7
37	Structural and electrical properties in tungsten/tungsten oxide multilayers. <i>Thin Solid Films</i> , <b>2014</b> , 553, 93-97	2.2	7
36	Low temperature electronic transport in sputter deposited a-IGZO films. <i>Current Applied Physics</i> , <b>2014</b> , 14, 1481-1485	2.6	6
35	Effect of sputtering pressure on some properties of chromium thin films obliquely deposited. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2010</b> , 12, 012015	0.4	6
34	Photocatalysis of Ag Doped TiO <sub>x</sub> Films Prepared at Room Temperature. <i>Catalysis Letters</i> , <b>2009</b> , 132, 244-247	2.8	6
33	Nitrogen pulsing to modify the properties of titanium nitride thin films sputter deposited. <i>Journal of Materials Science</i> , <b>2002</b> , 37, 4327-4332	4.3	6
32	Structure, composition and electronic transport properties of tungsten oxide thin film sputter-deposited by the reactive gas pulsing process. <i>Materials Chemistry and Physics</i> , <b>2018</b> , 205, 391-400	4.4	6
31	Flexible and conductive multilayer films based on the assembly of PEDOT:PSS and water soluble polythiophenes. <i>Organic Electronics</i> , <b>2017</b> , 46, 263-269	3.5	5
30	Electrical conductivity enhancement and wettability modification of (PDDA/PEDOT:PSS) <sub>n</sub> multilayer film. <i>Thin Solid Films</i> , <b>2018</b> , 664, 33-40	2.2	5
29	Anisotropic conductivity enhancement in inclined W-Cu columnar films. <i>Materials Letters</i> , <b>2018</b> , 232, 1263-129	3.29	5
28	Microstructured ZnO-ZnS composite for earth-abundant photovoltaics: Elaboration, surface analysis and enhanced optical performances. <i>Solar Energy</i> , <b>2021</b> , 218, 312-319	6.8	5
27	In situ electrical resistivity measurements of vanadium thin films performed in vacuum during different annealing cycles. <i>Review of Scientific Instruments</i> , <b>2017</b> , 88, 025105	1.7	4
26	Nanostructured Ti <sub>1-x</sub> Cu <sub>x</sub> thin films with tailored electrical and morphological anisotropy. <i>Thin Solid Films</i> , <b>2019</b> , 672, 47-54	2.2	4
25	Tungsten Oxide Thin Films Sputter Deposited by the Reactive Gas Pulsing Process for the Dodecane Detection. <i>Materials Today: Proceedings</i> , <b>2015</b> , 2, 4656-4663	1.4	4
24	High performance piezoresistive response of nanostructured ZnO/Ag thin films for pressure sensing applications. <i>Thin Solid Films</i> , <b>2019</b> , 691, 137587	2.2	4
23	Optical properties of WO <sub>3</sub> thin films modeled by finite-difference time-domain and fabricated by glancing angle deposition. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2012</b> , 12, 9125-30	1.3	4

22	Chiroptical transmission through a plasmonic helical traveling-wave nanoantenna, towards on-tip chiroptical probes. <i>Optics Letters</i> , <b>2019</b> , 44, 4861-4864	3	4
21	The reactive gas pulsing process for tuneable properties of sputter deposited titanium oxide, nitride and oxynitride coatings. <i>International Journal of Materials and Product Technology</i> , <b>2010</b> , 39, 159	1	3
20	Influence of Sputtering Parameters on Structural, Electrical and Thermoelectric Properties of MgBi Coatings. <i>Coatings</i> , <b>2018</b> , 8, 380	2.9	3
19	Ag <sub>y</sub> :TiN <sub>x</sub> thin films for dry biopotential electrodes: the effect of composition and structural changes on the electrical and mechanical behaviours. <i>Applied Physics A: Materials Science and Processing</i> , <b>2015</b> , 119, 169-178	2.6	2
18	Correlations between structure, composition and electrical properties of tungsten/tungsten oxide periodic multilayers sputter deposited by gas pulsing. <i>Superlattices and Microstructures</i> , <b>2017</b> , 101, 127-137	2.8	1
17	Architected columns with a metal-dielectric periodic nanostructure. <i>Materials Letters</i> , <b>2016</b> , 172, 128-134	3.1	1
16	Flash annealing influence on structural and electrical properties of TiO <sub>2</sub> /TiO/Ti periodic multilayers. <i>Thin Solid Films</i> , <b>2014</b> , 553, 47-51	2.2	1
15	Correlation between deposition parameters of periodic titanium metal/oxide nanometric multilayers and their chemical and structural properties investigated by STEM-EELS. <i>Micron</i> , <b>2017</b> , 101, 62-68	2.3	1
14	Prediction of the periods of multilayers prepared by multitarget sputtering. <i>Journal of Applied Physics</i> , <b>2000</b> , 87, 8747-8753	2.5	1
13	Controlled grain-size thermochromic VO <sub>2</sub> coatings by the fast oxidation of sputtered vanadium or vanadium oxide films deposited at glancing angles. <i>Surfaces and Interfaces</i> , <b>2021</b> , 27, 101581	4.1	1
12	Anisotropic thermal conductivity of nanocolumnar W thin films. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>2022</b> , 426, 127878	2.3	1
11	Microstructural analysis and electrical behaviours of co-sputtered W/Ag thin films with a tilted columnar architecture. <i>Journal Physics D: Applied Physics</i> , <b>2021</b> , 54, 255304	3	1
10	Tuning the Optical Properties of WO <sub>3</sub> Films Exhibiting a Zigzag Columnar Microstructure. <i>Coatings</i> , <b>2021</b> , 11, 438	2.9	1
9	Contrasted morphologies in nanostructured Janus W-Cu columns. <i>Materials Today Communications</i> , <b>2021</b> , 27, 102331	2.5	1
8	Resistivity anisotropy of tilted columnar W and W Cu thin films. <i>Surface and Coatings Technology</i> , <b>2021</b> , 421, 127412	4.4	1
7	Architecture of Thin Solid Films by the GLAD Technique 1-30		1
6	Pt/W Alloy Coatings Deposited by DC Magnetron Sputtering: A Potential Current Collector at High Temperature. <i>Coatings</i> , <b>2020</b> , 10, 224	2.9	0
5	Conductive multilayer film based on composite materials made of conjugated polyelectrolytes and inorganic particles. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2020</b> , 586, 124290	5.1	0



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|---|--|-----|---|
| 4 | Impacts of Cu-Doping and Mg-Deficiency on Mg <sub>2</sub> Sn Thin Films Thermoelectric Properties. <i>Journal of Electronic Materials</i> , <b>2021</b> , 50, 2738-2749                        | 1.9 | ○ |
| 3 | Oblique angle co-deposition of nanocolumnar tungsten thin films with two W sources: Effect of pressure and target current. <i>Materials Chemistry and Physics</i> , <b>2022</b> , 281, 125864  | 4.4 | ○ |
| 2 | Relationships between elaboration conditions, structural parameters and electrical properties in metal oxides nanometric periodic multilayers <b>2016</b> , 714-715                            |     |   |
| 1 | Thermoelectric Performance of Ge-Doped Mg <sub>2</sub> Si <sub>0.35</sub> Sn <sub>0.65</sub> Thin Films. <i>Journal of Materials Engineering and Performance</i> , <b>2021</b> , 30, 4045-4052 | 1.6 |   |