

# Nicolas Martin

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/9445938/nicolas-martin-publications-by-year.pdf>

**Version:** 2024-04-25

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.

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	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
128	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	0
127	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
126	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
125	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
124	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
123	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
122	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	
121	Contrasted morphologies in nanostructured Janus W-Cu columns. <i>Materials Today Communications</i> , <b>2021</b> , 27, 102331	2.5	1
120	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	0
119	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
118	Pt/Ni 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
117	Highly improved responsivity of self-powered UV/visible photodetector based on TiO <sub>2</sub> /Ag/TiO <sub>2</sub> 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
116	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
115	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
114	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
113	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

112	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
111	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
110	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
109	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
108	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
107	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
106	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
105	Nanoplasmonic response of porous Au-TiO thin films prepared by oblique angle deposition. <i>Nanotechnology</i> , <b>2019</b> , 30, 225701	3.4	22
104	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
103	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
102	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
101	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
100	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
99	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
98	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
97	Anisotropic conductivity enhancement in inclined W-Cu columnar films. <i>Materials Letters</i> , <b>2018</b> , 232, 1263-129	3.29	5
96	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
95	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

94	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
93	Influence of Sputtering Parameters on Structural, Electrical and Thermoelectric Properties of MgBi Coatings. <i>Coatings</i> , <b>2018</b> , 8, 380	2.9	3
92	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
91	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
90	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
89	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
88	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
87	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
86	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
85	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
84	Relationships between elaboration conditions, structural parameters and electrical properties in metal oxides nanometric periodic multilayers <b>2016</b> , 714-715		
83	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
82	Controlled thermal oxidation of nanostructured vanadium thin films. <i>Materials Letters</i> , <b>2016</b> , 174, 162-166	9.5	7
81	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
80	Architected columns with a metal-dielectric periodic nanostructure. <i>Materials Letters</i> , <b>2016</b> , 172, 128-131	3.3	1
79	Piezoresistive response of nano-architected $Ti_xCu_y$ thin films for sensor applications. <i>Sensors and Actuators A: Physical</i> , <b>2016</b> , 247, 105-114	3.9	14
78	Improvement of ozone detection with GLAD WO <sub>3</sub> films. <i>Materials Letters</i> , <b>2015</b> , 155, 1-3	3.3	26
77	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

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	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
74	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
73	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
72	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
71	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
70	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
69	Electrochemical behaviour of nanocomposite Ag <sub>x</sub> :TiN thin films for dry biopotential electrodes. <i>Electrochimica Acta</i> , <b>2014</b> , 125, 48-57	6.7	26
68	Structural and electrical properties in tungsten/tungsten oxide multilayers. <i>Thin Solid Films</i> , <b>2014</b> , 553, 93-97	2.2	7
67	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
66	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
65	Effect of RGPP process on properties of Cr <sub>2</sub> SiN <sub>2</sub> coatings. <i>Surface Engineering</i> , <b>2014</b> , 30, 606-611	2.6	10
64	Low temperature electronic transport in sputter deposited a-IGZO films. <i>Current Applied Physics</i> , <b>2014</b> , 14, 1481-1485	2.6	6
63	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
62	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
61	TiAg <sub>x</sub> 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
60	Nanocomposite Ag:TiN thin films for dry biopotential electrodes. <i>Applied Surface Science</i> , <b>2013</b> , 285, 40-48	6.7	30
59	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

58	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
57	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
56	Anisotropic electrical resistivity during annealing of oriented columnar titanium films. <i>Materials Letters</i> , <b>2013</b> , 105, 20-23	3.3	19
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	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
53	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
52	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
51	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
50	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
49	Electrical properties of AlN <sub>x</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
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	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
46	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
45	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
44	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
43	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
42	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 <sup>1</sup>		3
41	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

40	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
39	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
38	ZrOxNydecorative thin films prepared by the reactive gas pulsing process. <i>Journal Physics D: Applied Physics</i> , <b>2009</b> , 42, 195501	3	23
37	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
36	Glancing angle deposition to control microstructure and roughness of chromium thin films. <i>Wear</i> , <b>2008</b> , 264, 444-449	3.5	21
35	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
34	Reactive sputtering of TiOxNy coatings by the reactive gas pulsing process. <i>Surface and Coatings Technology</i> , <b>2007</b> , 201, 7727-7732	4.4	19
33	Reactive sputtering of TiOxNy 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
32	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
31	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
30	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
29	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
28	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
27	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
26	Property change in multifunctional TiCxOy thin films: Effect of the O/Ti ratio. <i>Thin Solid Films</i> , <b>2006</b> , 515, 866-871	2.2	42
25	Substrate temperature and water vapour effects on structural and mechanical properties of TiOxNy coatings. <i>Journal of Materials Science</i> , <b>2006</b> , 41, 5639-5645	4.3	8
24	Nanoindentation of chromium zigzag thin films sputter deposited. <i>Surface and Coatings Technology</i> , <b>2005</b> , 200, 269-272	4.4	26
23	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

22	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
21	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
20	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
19	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
18	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
17	Structure and composition of $Ti_xAl_{1-x}N$ thin films sputter deposited using a composite metallic target. <i>Surface and Coatings Technology</i> , <b>2002</b> , 157, 138-143	4.4	63
16	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
15	Correlation between processing and properties of $TiO_xNy$ thin films sputter deposited by the reactive gas pulsing technique. <i>Applied Surface Science</i> , <b>2001</b> , 185, 123-133	6.7	96
14	Energy distribution of ions bombarding $TiO_2$ thin films during sputter deposition. <i>Surface and Coatings Technology</i> , <b>2001</b> , 138, 77-83	4.4	41
13	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
12	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
11	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
10	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
9	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
8	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
7	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
6	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
5	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



4	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
3	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
2	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
1	Architecture of Thin Solid Films by the GLAD Technique 1-30		1