Luis F Vazquez

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260 6,989 44 69 g-index

267 7,472 5 5.43 ext. papers ext. citations avg, IF L-index

#	Paper	IF	Citations
260	3D Long-range ordering in ein SiO2 submicrometer-sphere sintered superstructure. <i>Advanced Materials</i> , 1997 , 9, 257-260	24	306
259	Photonic crystal properties of packed submicrometric SiO2 spheres. <i>Applied Physics Letters</i> , 1997 , 71, 1148-1150	3.4	294
258	Evidence of FCC Crystallization of SiO2 Nanospheres. <i>Langmuir</i> , 1997 , 13, 6009-6011	4	259
257	Production of ordered silicon nanocrystals by low-energy ion sputtering. <i>Applied Physics Letters</i> , 2001 , 78, 3316-3318	3.4	217
256	Self-organized ordering of nanostructures produced by ion-beam sputtering. <i>Physical Review Letters</i> , 2005 , 94, 016102	7.4	194
255	Writing nanometer-scale symbols in gold using the scanning tunneling microscope. <i>Applied Physics Letters</i> , 1989 , 54, 1424-1426	3.4	118
254	In situ conformational analysis of fibrinogen adsorbed on Si surfaces. <i>Colloids and Surfaces B: Biointerfaces</i> , 2005 , 42, 219-25	6	113
253	Self-organized nanopatterning of silicon surfaces by ion beam sputtering. <i>Materials Science and Engineering Reports</i> , 2014 , 86, 1-44	30.9	112
252	Immobilization of peroxidase glycoprotein on gold electrodes modified with mixed epoxy-boronic Acid monolayers. <i>Journal of the American Chemical Society</i> , 2002 , 124, 12845-53	16.4	103
251	Design and characterization of a lactate biosensor based on immobilized lactate oxidase onto gold surfaces. <i>Analytica Chimica Acta</i> , 2006 , 555, 308-315	6.6	101
250	SulfurBubstrate Interactions in Spontaneously Formed Sulfur Adlayers on Au(111). <i>Langmuir</i> , 2001 , 17, 4919-4924	4	99
249	Fractal surfaces of gold and platinum electrodeposits: dimensionality determination by scanning tunneling microscopy. <i>The Journal of Physical Chemistry</i> , 1992 , 96, 347-350		98
248	The Evaluation of Surface Diffusion Coefficients of Gold and Platinum Atoms at Electrochemical Interfaces from Combined STM-SEM Imaging and Electrochemical Techniques. <i>Journal of the Electrochemical Society</i> , 1990 , 137, 2161-2166	3.9	94
247	Stress-induced solid flow drives surface nanopatterning of silicon by ion-beam irradiation. <i>Physical Review B</i> , 2012 , 86,	3.3	83
246	Effect of pulmonary surfactant protein SP-B on the micro- and nanostructure of phospholipid films. <i>Biophysical Journal</i> , 2004 , 86, 308-20	2.9	76
245	Coulomb blockade versus intergrain resistance in colossal magnetoresistive manganite granular films. <i>Physical Review B</i> , 2000 , 61, 9549-9552	3.3	75
244	Controlled chemistry of tailored graphene nanoribbons for electrochemistry: a rational approach to optimizing molecule detection. <i>RSC Advances</i> , 2014 , 4, 132-139	3.7	71

243	Self-Affine Fractal Vapour-Deposited Gold Surfaces Characterization by Scanning Tunnelling Microscopy. <i>Europhysics Letters</i> , 1992 , 20, 727-732	1.6	70
242	Ionic conductivity of nanocrystalline yttria-stabilized zirconia: Grain boundary and size effects. <i>Physical Review B</i> , 2010 , 81,	3.3	69
241	Dynamics of rough interfaces in chemical vapor deposition: experiments and a model for silica films. <i>Physical Review Letters</i> , 2000 , 84, 3125-8	7.4	69
240	Photonic crystal made by close packing SiO2submicron spheres. <i>Superlattices and Microstructures</i> , 1997 , 22, 399-404	2.8	67
239	Carbon Allotrope Nanomaterials Based Catalytic Micromotors. <i>Chemistry of Materials</i> , 2016 , 28, 8962-8	9 3 66	65
238	Epitaxial growth of crystalline, diamond-like films on Si (100) by laser ablation of graphite. <i>Applied Physics Letters</i> , 1990 , 57, 1742-1744	3.4	63
237	Influence of a fluorescent probe on the nanostructure of phospholipid membranes: dipalmitoylphosphatidylcholine interfacial monolayers. <i>Langmuir</i> , 2005 , 21, 5349-55	4	61
236	Temperature influence on the production of nanodot patterns by ion beam sputtering of Si(001). <i>Physical Review B</i> , 2006 , 73,	3.3	61
235	Early stages of platinum electrodeposition on highly oriented pyrolytic graphite: scanning tunneling microscopy imaging and reaction pathway. <i>The Journal of Physical Chemistry</i> , 1993 , 97, 5095-	5102	57
234	Tuning the surface morphology in self-organized ion beam nanopatterning of Si(001) via metal incorporation: from holes to dots. <i>Nanotechnology</i> , 2008 , 19, 355306	3.4	56
233	Modulation of Electroenzymatic NADPH Oxidation through Oriented Immobilization of Ferredoxin:NADP+ Reductase onto Modified Gold Electrodes. <i>Journal of the American Chemical Society</i> , 2000 , 122, 9808-9817	16.4	56
232	Silver-based low-emissivity coatings for architectural windows: Optical and structural properties. <i>Solar Energy Materials and Solar Cells</i> , 1998 , 53, 55-66	6.4	54
231	Edward-Wilkinson Behavior of Crystal Surfaces Grown By Sedimentation of SiO2 Nanospheres. <i>Physical Review Letters</i> , 1996 , 77, 4572-4575	7.4	54
230	Nanopatterning of silicon surfaces by low-energy ion-beam sputtering: dependence on the angle of ion incidence. <i>Nanotechnology</i> , 2002 , 13, 304-308	3.4	53
229	Dynamic Scaling Exponents of Copper Electrodeposits from Scanning Force Microscopy Imaging. Influence of a Thiourea Additive on the Kinetics of Roughening and Brightening. <i>Langmuir</i> , 1998 , 14, 2515-2524	4	52
228	Intrinsic anomalous surface roughening of TiN films deposited by reactive sputtering. <i>Physical Review B</i> , 2006 , 73,	3.3	52
227	Observation and modeling of interrupted pattern coarsening: surface nanostructuring by ion erosion. <i>Physical Review Letters</i> , 2010 , 104, 026101	7.4	51
226	Validity of the Linear Growth Equation for Interface Evolution for Copper Electrodeposition in the Presence of Organic Additives. <i>Physical Review Letters</i> , 1997 , 79, 709-712	7.4	51

225	Scanning tunneling microscopy of electrochemically activated platinum surfaces. A direct ex-situ determination of the electrode nanotopography. <i>Journal of the American Chemical Society</i> , 1987 , 109, 1730-1733	16.4	50
224	Order enhancement and coarsening of self-organized silicon nanodot patterns induced by ion-beam sputtering. <i>Applied Physics Letters</i> , 2006 , 89, 233101	3.4	49
223	STM-SEM combination study on the electrochemical growth mechanism and structure of gold overlayers: A quantitative approach to electrochemical metal surface roughening. <i>Surface Science</i> , 1989 , 215, 171-189	1.8	49
222	Nanomechanical characterization of nanostructured bainitic steel: Peak Force Microscopy and Nanoindentation with AFM. <i>Scientific Reports</i> , 2015 , 5, 17164	4.9	48
221	Nanoscale pattern formation at surfaces under ion-beam sputtering: A perspective from continuum models. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2011 , 269, 894-900	1.2	47
220	Fractal characterisation of electrodispersed gold electrodes. <i>Journal of Electroanalytical Chemistry and Interfacial Electrochemistry</i> , 1991 , 319, 101-110		47
219	Optical and structural characterization of r.f. sputtered CeO2 thin films. <i>Journal of Materials Science</i> , 1997 , 32, 1861-1865	4.3	45
218	Scanning-tunneling-microscopy study on the growth mode of vapor-deposited gold films. <i>Physical Review A</i> , 1992 , 45, 7440-7447	2.6	45
217	Surface topography of (100)-type electro-faceted platinum from scanning tunnelling microscopy and electrochemistry. <i>Nature</i> , 1986 , 323, 612-614	50.4	45
216	Diamond nanoparticles based biosensors for efficient glucose and lactate determination. <i>Biosensors and Bioelectronics</i> , 2015 , 68, 521-528	11.8	43
215	Laccase biosensors based on different enzyme immobilization strategies for phenolic compounds determination. <i>Talanta</i> , 2013 , 115, 401-8	6.2	40
214	Direct Nanopatterning of Metal Surfaces Using Self-Assembled Molecular Films. <i>Advanced Materials</i> , 2004 , 16, 405-409	24	40
213	Structure and morphology evolution of ALN films grown by DC sputtering. <i>Surface and Coatings Technology</i> , 2004 , 180-181, 140-144	4.4	40
212	X-ray absorption spectroscopy and atomic force microscopy study of bias-enhanced nucleation of diamond films. <i>Applied Physics Letters</i> , 1998 , 72, 2105-2107	3.4	40
211	Comparative Response of Biosensing Platforms Based on Synthesized Graphene Oxide and Electrochemically Reduced Graphene. <i>Electroanalysis</i> , 2013 , 25, 154-165	3	39
210	Atomic force microscopy (AFM) morphological surface characterization of transparent gas barrier coatings on plastic films. <i>Surface and Coatings Technology</i> , 1996 , 80, 203-206	4.4	39
209	Substrate pre-treatment by ultrasonication with diamond powder mixtures for nucleation enhancement in diamond film growth. <i>Diamond and Related Materials</i> , 2009 , 18, 1239-1246	3.5	38
208	AFM, SECM and QCM as useful analytical tools in the characterization of enzyme-based bioanalytical platforms. <i>Analyst, The</i> , 2010 , 135, 1878-903	5	37

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207	Scanning Tunneling Microscopy Fractal Characterization of Poly(o-toluidine) Films Produced Electrochemically on Polyfaceted Gold Single Crystal Spheres. <i>The Journal of Physical Chemistry</i> , 1994 , 98, 2418-2425		37	
206	Nonuniversality due to inhomogeneous stress in semiconductor surface nanopatterning by low-energy ion-beam irradiation. <i>Physical Review B</i> , 2015 , 91,	3.3	36	
205	New nanostructured electrochemical biosensors based on three-dimensional (3-mercaptopropyl)-trimethoxysilane network. <i>Analyst, The</i> , 2011 , 136, 340-7	5	35	
204	Enhancement of the nucleation of smooth and dense nanocrystalline diamond films by using molybdenum seed layers. <i>Journal of Applied Physics</i> , 2010 , 108, 103514	2.5	35	
203	Nanomechanical properties of globular proteins: lactate oxidase. <i>Langmuir</i> , 2007 , 23, 2747-54	4	35	
202	Growth dynamics of reactive-sputtering-deposited AlN films. <i>Journal of Applied Physics</i> , 2005 , 97, 12352	2 8 .5	35	
201	Combination of a scanning tunneling microscope with a scanning electron microscope. <i>Review of Scientific Instruments</i> , 1988 , 59, 1286-1289	1.7	35	
200	Tribological study of hydrogenated amorphous carbon films with tailored microstructure and composition produced by bias-enhanced plasma chemical vapour deposition. <i>Diamond and Related Materials</i> , 2010 , 19, 1093-1102	3.5	34	
199	Self-affine fractal electrodeposited gold surfaces: Characterization by scanning tunneling microscopy. <i>Physical Review E</i> , 1994 , 49, 1507-1511	2.4	33	
198	Gold nanoparticles-induced enhancement of the analytical response of an electrochemical biosensor based on an organic-inorganic hybrid composite material. <i>Talanta</i> , 2009 , 80, 797-802	6.2	32	
197	Nanopatterning dynamics on Si(100) during oblique 40-keV Ar+ erosion with metal codeposition: Morphological and compositional correlation. <i>Physical Review B</i> , 2012 , 86,	3.3	32	
196	Self-Organized Surface Nanopatterning by Ion Beam Sputtering 2009 , 323-398		32	
195	Self-doped titanium oxide thin films for efficient visible light photocatalysis: An example: Nonylphenol photodegradation. <i>Sensors and Actuators B: Chemical</i> , 2005 , 109, 52-56	8.5	31	
194	Press-Printed Conductive Carbon Black Nanoparticle Films for Molecular Detection at the Microscale. <i>Chemistry - A European Journal</i> , 2016 , 22, 12761-6	4.8	31	
193	Mass transfer to a nanostructured nickel electrodeposit of high surface area in a rectangular flow channel. <i>Electrochimica Acta</i> , 2013 , 90, 507-513	6.7	30	
192	Growth evolution of ZnO films deposited by pulsed laser ablation. <i>Journal of Physics Condensed Matter</i> , 2001 , 13, L663-L672	1.8	30	
191	Roughening kinetics of chemical vapor deposited copper films on Si(100). <i>Applied Physics Letters</i> , 1996 , 68, 1285-1287	3.4	30	
190	Analytical applications of retinoid-cyclodextrin inclusion complexes. 1. Characterization of a retinal-beta-cyclodextrin complex. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 1996 , 14, 909-15	3.5	30	

189	Press-transferred carbon black nanoparticles for class-selective antioxidant electrochemical detection. <i>Applied Materials Today</i> , 2017 , 9, 29-36	6.6	29
188	MoS2 nanosheets for improving analytical performance of lactate biosensors. <i>Sensors and Actuators B: Chemical</i> , 2018 , 274, 310-317	8.5	29
187	Lactate biosensor based on a bionanocomposite composed of titanium oxide nanoparticles, photocatalytically reduced graphene, and lactate oxidase. <i>Mikrochimica Acta</i> , 2014 , 181, 79-87	5.8	29
186	Cholesterol oxidase modified gold electrodes as bioanalytical devices. <i>Sensors and Actuators B: Chemical</i> , 2007 , 124, 30-37	8.5	28
185	Scanning tunneling microscopy and scanning electron microscopy observations of the early stage of silver deposition on graphite single crystal electrodes. <i>The Journal of Physical Chemistry</i> , 1992 , 96, 10454-10460		28
184	Direct imaging of 13-Ediam Au clusters using scanning tunneling microscopy. <i>Applied Physics Letters</i> , 1987 , 51, 1594-1596	3.4	28
183	Biological evaluation of aerosol-gel-derived hydroxyapatite coatings with human mesenchymal stem cells. <i>Biomaterials</i> , 2002 , 23, 3985-90	15.6	27
182	Morphological, optical and electrical characterization of antireflective porous silicon coatings for solar cells. <i>Optical Materials</i> , 2001 , 17, 75-78	3.3	27
181	Scale-dependent roughening kinetics in vapor deposited gold. Surface Science, 1996 , 345, 17-26	1.8	27
180	STM study of fractal scaling in evaporated gold films. <i>Applied Surface Science</i> , 1993 , 70-71, 413-417	6.7	27
179	Production of nanohole/nanodot patterns on Si(001) by ion beam sputtering with simultaneous metal incorporation. <i>Journal of Physics Condensed Matter</i> , 2009 , 21, 224009	1.8	26
178	Architectures based on the use of gold nanoparticles and ruthenium complexes as a new route to improve genosensor sensitivity. <i>Biosensors and Bioelectronics</i> , 2008 , 24, 184-90	11.8	26
177	Growth dynamics of ultrasmooth hydrogenated amorphous carbon films. <i>Physical Review B</i> , 2006 , 74,	3.3	26
176	Surface nanopatterns induced by ion-beam sputtering. <i>Journal of Physics Condensed Matter</i> , 2009 , 21, 220301	1.8	25
175	Universal non-equilibrium phenomena at submicrometric surfaces and interfaces. <i>European Physical Journal: Special Topics</i> , 2007 , 146, 427-441	2.3	25
174	In situ x-ray scattering study of self-organized nanodot pattern formation on GaSb(001) by ion beam sputtering. <i>Applied Physics Letters</i> , 2007 , 91, 113105	3.4	25
173	Characterization of surface roughness in titanium dental implants measured with scanning tunnelling microscopy at atmospheric pressure. <i>Biomaterials</i> , 1986 , 7, 463-6	15.6	25
172	Molding and replication of ceramic surfaces with nanoscale resolution. <i>Small</i> , 2005 , 1, 300-9	11	24

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171	deposition. Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena, 2001 , 19, 224		24	
170	Scanning tunneling microscopy of platinum electrode surfaces with different preferred crystallographic orientations. <i>Surface Science</i> , 1987 , 181, 98-106	1.8	24	
169	X-ray absorption near-edge structure of hexagonal ternary phases in sputter-deposited TiAlN films. <i>Journal of Alloys and Compounds</i> , 2013 , 561, 87-94	5.7	23	
168	Universality of cauliflower-like fronts: from nanoscale thin films to macroscopic plants. <i>New Journal of Physics</i> , 2012 , 14, 103039	2.9	23	
167	DC substrate bias effects on the physical properties of hydrogenated amorphous carbon films grown by plasma-assisted chemical vapour deposition. <i>Vacuum</i> , 2007 , 81, 1412-1415	3.7	23	
166	Microscopic and voltammetric characterization of bioanalytical platforms based on lactate oxidase. <i>Langmuir</i> , 2006 , 22, 5443-50	4	23	
165	Antireflective porous-silicon coatings for multicrystalline solar cells: the effects of chemical etching and rapid thermal processing. <i>Semiconductor Science and Technology</i> , 2001 , 16, 657-661	1.8	23	
164	Fractal to nonfractal behavior of vapor-deposited gold surfaces and the relationship to the substrate temperature. <i>Physical Review E</i> , 1994 , 50, 1367-1371	2.4	23	
163	Diamond nanoparticles as a way to improve electron transfer in sol-gel L-lactate biosensing platforms. <i>Analytica Chimica Acta</i> , 2016 , 908, 141-9	6.6	22	
162	Interfacial behavior and structural properties of a clinical lung surfactant from porcine source. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2012 , 1818, 2756-66	3.8	22	
161	A complementary microscopy analysis of Sticholysin II crystals on lipid films: Atomic force and transmission electron characterizations. <i>Biophysical Chemistry</i> , 2006 , 119, 219-23	3.5	22	
160	Three-dimensional off-lattice model for the interface growth of polycrystalline materials. <i>Physical Review B</i> , 1999 , 59, 7354-7357	3.3	22	
159	A comparative study of electrodeposited and vapour deposited gold films: Fractal surface characterization through scanning tunnelling microscopy. <i>Electrochimica Acta</i> , 1992 , 37, 2209-2214	6.7	22	
158	Immobilization of Metallothionein on Gold/Mica Surfaces: Relationship between Surface Morphology and ProteinBubstrate Interaction. <i>Langmuir</i> , 2002 , 18, 5909-5920	4	21	
157	Scanning tunneling microscopy morphological study of the first stages of growth of microwave chemical vapor deposited thin diamond films. <i>Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena</i> , 1994 , 12, 1		21	
156	A magnesium-induced RNA conformational switch at the internal ribosome entry site of hepatitis C virus genome visualized by atomic force microscopy. <i>Nucleic Acids Research</i> , 2015 , 43, 565-80	20.1	20	
155	Metallic Seed Nanolayers for Enhanced Nucleation of Nanocrystalline Diamond Thin Films. <i>Journal of Physical Chemistry C</i> , 2013 , 117, 23322-23332	3.8	20	
154	Independence of interrupted coarsening on initial system order: ion-beam nanopatterning of amorphous versus crystalline silicon targets. <i>Journal of Physics Condensed Matter</i> , 2012 , 24, 375302	1.8	20	

153	Novel magnetic organicIhorganic nanostructured materials. <i>Journal of Materials Chemistry</i> , 2007 , 17, 4233		20
152	Comprehensive study of bioanalytical platforms: xanthine oxidase. <i>Analytical Chemistry</i> , 2006 , 78, 530-7	7.8	20
151	Thiol-Functionalized Gold Surfaces as a Strategy to Induce Order in Membrane-Bound Enzyme Immobilization. <i>Nano Letters</i> , 2002 , 2, 577-582	11.5	20
150	Are the high Tc superconducting materials bulk superconductors or grain boundary percolating network superconductors? (abstract). <i>Journal of Applied Physics</i> , 1988 , 63, 4213-4213	2.5	20
149	Atmospheric pressure MOCVD growth of crystalline InP in opals. <i>Journal of Crystal Growth</i> , 1998 , 193, 9-15	1.6	19
148	Surface and interface analysis of hydroxyapatite/TiO2 biocompatible structures. <i>Materials Science and Engineering C</i> , 2003 , 23, 451-454	8.3	19
147	Scanning tunneling microscopy (STM) and scanning electron microscopy (SEM) of electrodispersed gold electrodes. <i>Journal of Electroanalytical Chemistry and Interfacial Electrochemistry</i> , 1988 , 240, 77-87		19
146	Effect of the low magnetic field on the electrodeposition of CoxNi100⊠ alloys. <i>Materials Characterization</i> , 2015 , 105, 136-143	3.9	18
145	Surface nanopatterning of metal thin films by physical vapour deposition onto surface-modified silicon nanodots. <i>Nanotechnology</i> , 2004 , 15, S197-S200	3.4	18
144	Influence of the Nanostructure of Palladium Mesoparticles on the Kinetics of Molecular Oxygen Electroreduction. <i>Journal of Physical Chemistry B</i> , 2004 , 108, 10785-10795	3.4	18
143	Kinetics and Mechanism of Brass Dealloying in Aqueous 0.5 M Sodium Chloride Solution Derived from Combined Scanning Tunneling Microscopy and Electrochemical Data. <i>Langmuir</i> , 1996 , 12, 500-507	4	18
142	Chemically synthesized chevron-like graphene nanoribbons for electrochemical sensors development: determination of epinephrine. <i>Scientific Reports</i> , 2020 , 10, 14614	4.9	18
141	Carbon nanomaterial scaffold films with conductivity at micro and sub-micron levels. <i>Journal of Materials Chemistry A</i> , 2016 , 4, 13142-13147	13	18
140	Adhesin contribution to nanomechanical properties of the virulent Bordetella pertussis envelope. <i>Langmuir</i> , 2012 , 28, 7461-9	4	17
139	Effect of surface fractality on the permeability of transparent gas barrier coatings. <i>Advanced Materials</i> , 1997 , 9, 654-658	24	17
138	Epitaxial growth of Y-stabilised zirconia films on (100)InP substrates by pulsed laser deposition. Journal of Crystal Growth, 2000 , 209, 883-889	1.6	17
137	STM-SEM and impedance characterization of columnar structured gold electrodes. <i>Journal of Electroanalytical Chemistry and Interfacial Electrochemistry</i> , 1991 , 317, 125-137		17
136	Surface and sub-surface degradation of unidirectional carbon fiber reinforced epoxy composites under dry and wet reciprocating sliding. <i>Composites Part A: Applied Science and Manufacturing</i> , 2013 , 55, 53-62	8.4	16

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135	Vapor Deposition: Influence of Low Sticking and Renucleation Processes. <i>Journal of Physical Chemistry C</i> , 2011 , 115, 9681-9691	3.8	16	
134	Strong anisotropy in surface kinetic roughening: Analysis and experiments. <i>Physical Review B</i> , 2012 , 86,	3.3	16	
133	Dynamic-scaling exponents and the roughening kinetics of gold electrodeposits. <i>Physical Review B</i> , 1995 , 52, 2032-2037	3.3	16	
132	Pattern-wavelength coarsening from topological dynamics in silicon nanofoams. <i>Physical Review Letters</i> , 2014 , 112, 094103	7.4	15	
131	Surface Morphology of Heterogeneous Nanocrystalline Rutile/Amorphous Anatase TiO2 Films Grown by Reactive Pulsed Magnetron Sputtering. <i>Plasma Processes and Polymers</i> , 2010 , 7, 813-823	3.4	15	
130	Generic equations for pattern formation in evolving interfaces. <i>New Journal of Physics</i> , 2007 , 9, 102-102	2.9	15	
129	Effects of epitaxial strain on the growth mechanism in YBa2Cu3O7⊠ thin films in YBa2Cu3O7⊠/PrBa2Cu3O7 superlattices. <i>Physical Review B</i> , 2002 , 66,	3.3	15	
128	Scanning Tunneling Microscopy Observation of Sulfur Electrodeposits on Graphite Single Crystals Langmuir, 1996 , 12, 2-11	4	15	
127	Bioanalytical device based on cholesterol oxidase-bonded SAM-modified electrodes. <i>Analytical and Bioanalytical Chemistry</i> , 2007 , 388, 1059-67	4.4	14	
126	Secondary electron emission and photoemission studies on surface films of carbon nitride. <i>Journal of Applied Physics</i> , 2006 , 99, 043513	2.5	14	
125	Model of the bias-enhanced nucleation of diamond on silicon based on atomic force microscopy and x-ray-absorption studies. <i>Physical Review B</i> , 2000 , 61, 10383-10387	3.3	14	
124	The early stages of growth of crystalline, diamond-like films on Si(100) by pulsed laser evaporation of graphite. <i>Surface Science</i> , 1991 , 251-252, 960-964	1.8	14	
123	Imaging an optical disc by the combined use of scanning tunnelling microscopy and scanning electron microscopy. <i>Journal of Microscopy</i> , 1988 , 152, 205-211	1.9	14	
122	Morphological stabilization and KPZ scaling by electrochemically induced co-deposition of nanostructured NiW alloy films. <i>Scientific Reports</i> , 2017 , 7, 17997	4.9	13	
121	Carbon nanotubes/pentacyaneferrate-modified chitosan nanocomposites platforms for reagentless glucose biosensing. <i>Analytical and Bioanalytical Chemistry</i> , 2011 , 401, 883-9	4.4	13	
120	Morphology of ion tracks and nanopores in LiNbO3 produced by swift-ion-beam irradiation. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2006 , 249, 172-176	1.2	13	
119	Scanning Tunnelling miroscopy and electrochemical response of electrofacetted gold electrodes. <i>Electrochimica Acta</i> , 1989 , 34, 619-624	6.7	13	
118	Size-selective breaking of the core-shell structure of gallium nanoparticles. <i>Nanotechnology</i> , 2018 , 29, 355707	3.4	12	

117	Magnetic Fields Enhanced the Performance of Tubular Dichalcogenide Micromotors at Low Hydrogen Peroxide Levels. <i>Chemistry - A European Journal</i> , 2019 , 25, 13157-13163	4.8	12
116	High Ultraviolet Absorption in Colloidal Gallium Nanoparticles Prepared from Thermal Evaporation. <i>Nanomaterials</i> , 2017 , 7,	5.4	12
115	Fabrication of HfO2 patterns by laser interference nanolithography and selective dry etching for III-V CMOS application. <i>Nanoscale Research Letters</i> , 2011 , 6, 400	5	12
114	Ultrasmooth growth of amorphous silicon films through ion-induced long-range surface correlations. <i>Applied Physics Letters</i> , 2011 , 98, 011904	3.4	12
113	Structural configurations of thin dried polyaniline films on gold(111) from scanning tunneling microscopy. <i>Electrochimica Acta</i> , 1996 , 41, 1891-1903	6.7	12
112	Influence of Methane Concentration on the Nucleation and Growth Stages in Diamond Film Deposition. <i>Physica Status Solidi A</i> , 1996 , 154, 23-32		12
111	Analysis of Zinc Nitride Resistive Indicators under Different Relative Humidity Conditions. <i>ACS Applied Materials & Different Relative Humidity Conditions</i> . <i>ACS Applied Materials & Different Relative Humidity Conditions</i> . <i>ACS Applied Materials & Different Relative Humidity Conditions</i> . <i>ACS Applied Materials & Different Relative Humidity Conditions</i> .	9.5	12
110	Plasmonic coupling in closed-packed ordered gallium nanoparticles. <i>Scientific Reports</i> , 2020 , 10, 4187	4.9	11
109	Ion damage overrides structural disorder in silicon surface nanopatterning by low-energy ion beam sputtering. <i>Europhysics Letters</i> , 2015 , 109, 48003	1.6	11
108	Annealing of heterogeneous phase TiO2 films: An X-ray absorption and morphological study. <i>Chemical Physics Letters</i> , 2011 , 511, 367-371	2.5	11
107	Surface study of the building steps of enzymatic solgel biosensors at the micro- and nano-scales. <i>Journal of Sol-Gel Science and Technology</i> , 2011 , 58, 452-462	2.3	11
106	Influence of the surface morphology and microstructure on the biological properties of TiBiជិសិល coatings. <i>Thin Solid Films</i> , 2010 , 518, 5694-5699	2.2	11
105	Influence of external bias on the surface morphology of a-C:H films grown by electron cyclotron resonance chemical vapor deposition. <i>Surface and Coatings Technology</i> , 2007 , 201, 8950-8954	4.4	11
104	Direct molding of nanopatterned polymeric films: Resolution and errors. <i>Applied Physics Letters</i> , 2003 , 82, 457-459	3.4	11
103	Differentiating inclusion complexes from host molecules by tapping-mode atomic force microscopy. <i>Biophysical Journal</i> , 1996 , 71, 86-90	2.9	11
102	The role of slow surface-atom reordering processes in the underpotential deposition of metals. <i>Journal of Electroanalytical Chemistry</i> , 1993 , 357, 339-355	4.1	11
101	Mapping nanometric electronic property changes induced by an aryl diazonium sub-monolayer on HOPG. <i>Physical Chemistry Chemical Physics</i> , 2016 , 18, 29218-29225	3.6	11
100	Synergistic effect of MoS and diamond nanoparticles in electrochemical sensors: determination of the anticonvulsant drug valproic acid. <i>Mikrochimica Acta</i> , 2018 , 185, 334	5.8	11

(2003-2019)

99	Direct visualization of the native structure of viroid RNAs at single-molecule resolution by atomic force microscopy. <i>RNA Biology</i> , 2019 , 16, 295-308	4.8	10
98	Self-organised silicide nanodot patterning by medium-energy ion beam sputtering of Si(100): local correlation between the morphology and metal content. <i>Nanotechnology</i> , 2016 , 27, 444001	3.4	10
97	Electrocatalytic processes promoted by diamond nanoparticles in enzymatic biosensing devices. <i>Bioelectrochemistry</i> , 2016 , 111, 93-9	5.6	10
96	Influence of metal co-deposition on silicon nanodot patterning dynamics during ion-beam sputtering. <i>Nanotechnology</i> , 2014 , 25, 415301	3.4	10
95	Chemical and physical sputtering effects on the surface morphology of carbon films grown by plasma chemical vapor deposition. <i>Journal of Applied Physics</i> , 2009 , 106, 033504	2.5	10
94	Influence of the Adsorbate Structure and Surface Barrier at Micropores. The Adsorption on Columnar-Structured Gold Electrodes of Pyridine from Aqueous Perchlorate Ion-Containing Solutions. <i>Langmuir</i> , 1997 , 13, 1317-1326	4	10
93	La?Ca?Mn?O manganites thin films on silicon. <i>Journal of Magnetism and Magnetic Materials</i> , 1999 , 196-197, 530-531	2.8	10
92	Deposition of diamond and boron nitride films by plasma chemical vapour deposition. <i>Surface and Coatings Technology</i> , 1995 , 70, 163-174	4.4	10
91	Near infrared-light responsive WS microengines with high-performance electro- and photo-catalytic activities. <i>Chemical Science</i> , 2020 , 11, 132-140	9.4	10
90	Elastic properties of natural single nanofibres. <i>RSC Advances</i> , 2014 , 4, 11225	3.7	9
89	Elastic properties of natural single nanofibres. <i>RSC Advances</i> , 2014 , 4, 11225 Phase-field model for the morphology of monolayer lipid domains. <i>European Physical Journal E</i> , 2012 , 35, 49	3.7 1.5	9
	Phase-field model for the morphology of monolayer lipid domains. <i>European Physical Journal E</i> ,		
89	Phase-field model for the morphology of monolayer lipid domains. <i>European Physical Journal E</i> , 2012 , 35, 49 Thermal decomposition and fractal properties of sputter-deposited platinum oxide thin films.	1.5	9
89	Phase-field model for the morphology of monolayer lipid domains. <i>European Physical Journal E</i> , 2012 , 35, 49 Thermal decomposition and fractal properties of sputter-deposited platinum oxide thin films. <i>Journal of Materials Research</i> , 2012 , 27, 829-836 Morphological investigation of Mn12 single-molecule magnets adsorbed on Au(111). <i>Langmuir</i> ,	2.5	9
89 88 87	Phase-field model for the morphology of monolayer lipid domains. <i>European Physical Journal E</i> , 2012 , 35, 49 Thermal decomposition and fractal properties of sputter-deposited platinum oxide thin films. <i>Journal of Materials Research</i> , 2012 , 27, 829-836 Morphological investigation of Mn12 single-molecule magnets adsorbed on Au(111). <i>Langmuir</i> , 2009 , 25, 10107-15	1.5 2.5 4	9 9
89 88 87 86	Phase-field model for the morphology of monolayer lipid domains. <i>European Physical Journal E</i> , 2012 , 35, 49 Thermal decomposition and fractal properties of sputter-deposited platinum oxide thin films. <i>Journal of Materials Research</i> , 2012 , 27, 829-836 Morphological investigation of Mn12 single-molecule magnets adsorbed on Au(111). <i>Langmuir</i> , 2009 , 25, 10107-15 Methods of fractal analysis applied to STM imaging. <i>Chaos, Solitons and Fractals</i> , 1995 , 6, 569-573 Ultrasound-assisted preparation of nanocomposites based on fibrous clay minerals and	1.5 2.5 4	9 9 9
89 88 87 86 85	Phase-field model for the morphology of monolayer lipid domains. <i>European Physical Journal E</i> , 2012 , 35, 49 Thermal decomposition and fractal properties of sputter-deposited platinum oxide thin films. <i>Journal of Materials Research</i> , 2012 , 27, 829-836 Morphological investigation of Mn12 single-molecule magnets adsorbed on Au(111). <i>Langmuir</i> , 2009 , 25, 10107-15 Methods of fractal analysis applied to STM imaging. <i>Chaos, Solitons and Fractals</i> , 1995 , 6, 569-573 Ultrasound-assisted preparation of nanocomposites based on fibrous clay minerals and nanocellulose from microcrystalline cellulose. <i>Applied Clay Science</i> , 2020 , 189, 105538 Depressed thermal conductivity of mechanically alloyed nanocrystalline 10 mol% yttria-stabilized	1.5 2.5 4 9.3 5.2	9 9 9 9 8

81	Adsorption of 1,10-Phenanthroline in HClO4 Solutions on Columnar-Structured Gold Electrodes. The Excluded Volume Effect. <i>Langmuir</i> , 1996 , 12, 818-824	4	8
80	A Quantum Chemistry Approach to Possible Sulfur Adsorbate Structures on the Basal Plane of Graphite Clusters. <i>Langmuir</i> , 1996 , 12, 19-22	4	8
79	A Combined Scanning Tunneling Microscopy and Electrochemical Study of Nickel Electrodeposition on Brass. <i>Langmuir</i> , 1996 , 12, 1068-1077	4	8
78	A scanning tunnelling microscope study of groove structures in polycarbonate optical discs. <i>Journal of Materials Science</i> , 1989 , 24, 1739-1747	4.3	8
77	Growth of nanocolumnar thin films on patterned substrates at oblique angles. <i>Plasma Processes and Polymers</i> , 2019 , 16, 1800135	3.4	8
76	Evaluation of oxidative stress: Nanoparticle-based electrochemical sensors for hydrogen peroxide determination in human semen samples. <i>Bioelectrochemistry</i> , 2020 , 135, 107581	5.6	7
75	Solgel derived gold nanoparticles biosensing platform for Escherichia coli detection. <i>Sensors and Actuators B: Chemical</i> , 2013 , 182, 307-314	8.5	7
74	Self-organized surface nanopatterns on Cd(Zn)Te crystals induced by medium-energy ion beam sputtering. <i>Journal Physics D: Applied Physics</i> , 2013 , 46, 455302	3	7
73	Molybdenum interlayers for nucleation enhancement in diamond CVD growth. <i>Journal of Nanoscience and Nanotechnology</i> , 2010 , 10, 2885-91	1.3	7
72	Relationship between the microstructure and the water permeability of transparent gas barrier coatings. <i>Surface and Coatings Technology</i> , 1998 , 100-101, 459-462	4.4	7
71	Hybrid titania-aminosilane platforms evaluated with human mesenchymal stem cells. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2007 , 83, 232-9	3.5	7
70	Effect of elevated substrate temperature on growth, properties, and structure of indium tin oxide films prepared by reactive magnetron sputtering. <i>Journal of Materials Research</i> , 2007 , 22, 2319-2329	2.5	7
69	Piezoelectric Pb0.7La0.2TiO3 prepared by pulsed laser deposition on (100)InP. <i>Applied Physics A: Materials Science and Processing</i> , 1999 , 69, S827-S831	2.6	7
68	Decrease in the Roughness of Vapor-Deposited Gold Surfaces Induced by Surface Mobility Langmuir, 1996 , 12, 12-18	4	7
67	Scanning tunneling microscopy observation of the initial stages of growth of carbon films grown by pulsed laser vaporization of graphite. <i>Ultramicroscopy</i> , 1992 , 42-44, 616-623	3.1	7
66	Nonuniversality of front fluctuations for compact colonies of nonmotile bacteria. <i>Physical Review E</i> , 2018 , 98, 012407	2.4	6
65	Collective evolution of submicron hillocks during the early stages of anisotropic alkaline wet chemical etching of Si(1 0 0) surfaces. <i>Journal Physics D: Applied Physics</i> , 2017 , 50, 435306	3	6
64	One-step covalent microcontact printing approach to produce patterns of lactate oxidase. <i>Physical Chemistry Chemical Physics</i> , 2010 , 12, 2830-7	3.6	6

63	Chemical and Morphological Changes of the Pyrite Induced by Leaching and Bioleaching Processes in the Presence of Catalytic Ag Ions. <i>Langmuir</i> , 1997 , 13, 3355-3363	4	6
62	Surface-relief micropatterning of zinc oxide substrates by micromolding pulsed-laser-deposited films. <i>Applied Physics A: Materials Science and Processing</i> , 2005 , 81, 1113-1116	2.6	6
61	Influence of nitrogen implantation on the properties of Ti and substoichiometric TiNx films deposited on high speed steel. <i>Journal of Materials Research</i> , 1998 , 13, 2117-2122	2.5	6
60	Scanning tunneling microscopy topography of electron-beam evaporated niobium thin films in NbNbOx P b tunnel junctions on quartz substrates. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 1988 , 6, 404-407	2.9	6
59	Sensor based on diamond nanoparticles and WS2 for ponceau 4R and tartrazine determination: Influence of green solvents employed for WS2 exfoliation. <i>FlatChem</i> , 2020 , 23, 100185	5.1	6
58	A 2D tungsten disulphide/diamond nanoparticles hybrid for an electrochemical sensor development towards the simultaneous determination of sunset yellow and quinoline yellow. <i>Sensors and Actuators B: Chemical</i> , 2020 , 324, 128731	8.5	6
57	Force spectroscopy predicts thermal stability of immobilized proteins by measuring microbead mechanics. <i>Soft Matter</i> , 2016 , 12, 8718-8725	3.6	6
56	Concurrent segregation and erosion effects in medium-energy iron beam patterning of silicon surfaces. <i>Journal of Physics Condensed Matter</i> , 2018 , 30, 274001	1.8	5
55	Dynamics of GDOES-induced surface roughening in metal interfaces. <i>Analytical and Bioanalytical Chemistry</i> , 2014 , 406, 7483-95	4.4	5
54	Atomistic model of ultra-smooth amorphous thin film growth by low-energy ion-assisted physical vapour deposition. <i>Journal Physics D: Applied Physics</i> , 2013 , 46, 395303	3	5
53	Thermal stability of HfO2-on-GaAs nanopatterns. <i>Nanoscale</i> , 2012 , 4, 3734-8	7.7	5
52	Epitaxial growth of diamond-like films on Si(100) by pulsed-laser evaporation of graphite. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 1992 , 11, 337-340	3.1	5
51	Topographic imaging of GaAs-microstructured samples by STM and SEM. <i>Ultramicroscopy</i> , 1989 , 30, 355	- 3.5 8	5
50	Application of an STM/SEM instrument for the study of materials: Tip effects and data correlation. <i>Surface and Interface Analysis</i> , 1990 , 16, 97-104	1.5	5
49	Zinc nitride thin films: basic properties and applications 2017,		4
48	Versatile Graphene-Based Platform for Robust Nanobiohybrid Interfaces. ACS Omega, 2019 , 4, 3287-32	93 .9	4
47	Influence of Deposit Thickness on the Microstructure and Surface Roughness of Silicon Films Deposited from Silane. <i>Solid State Phenomena</i> , 1999 , 67-68, 125-130	0.4	4
46	Magnetic viscosity of granular Fe films prepared by laser ablation. <i>Journal of Magnetism and Magnetic Materials</i> , 1999 , 196-197, 96-98	2.8	4

45	Nitridation of TiSi2 thin films by rapid thermal processing. <i>Surface and Coatings Technology</i> , 1996 , 80, 72-75	4.4	4
44	Influence of oxygen on the deposition of diamond coatings by microwave plasma CVD. <i>Vacuum</i> , 1994 , 45, 1015-1016	3.7	4
43	STM nanometric study of the initial stages of diamond film growth: quantitative measurement of {111} and {100} surface roughness. <i>Diamond and Related Materials</i> , 1994 , 3, 715-719	3.5	4
42	STM topography of niobium films in tunnel junctions. <i>Journal of Physics C: Solid State Physics</i> , 1987 , 20, L975-L978		4
41	Differential pulse voltammetric determination of the carcinogenic diamine 4,4Roxydianiline by electrochemical preconcentration on a MoS based sensor. <i>Mikrochimica Acta</i> , 2019 , 186, 793	5.8	4
40	Ultra-thin NaCl films as protective layers for graphene. <i>Nanoscale</i> , 2019 , 11, 16767-16772	7.7	3
39	Surface Morphology Evolution of Chemical Vapor-Deposited Tungsten Films on Si(100). <i>Chemical Vapor Deposition</i> , 1998 , 04, 89-91		3
38	Surface morphology stabilization by chemical sputtering in carbon nitride film growth. <i>Journal Physics D: Applied Physics</i> , 2008 , 41, 012006	3	3
37	AFM and TEM study of the lateral composition modulation in etched and photo etched InxGa1№P epitaxial layers. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2002 , 91-92, 269-273	3.1	3
36	Defect characterization of silver-based low-emissivity multilayer coatings for energy-saving applications. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2001 , 19, 2315-23	379	3
35	Highly homogeneous nanoparticulate Fe films prepared by laser ablation. <i>IEEE Transactions on Magnetics</i> , 1998 , 34, 1108-1110	2	3
34	Morphological model of the electrical anisotropy of a conducting polypyrrole. <i>Journal of Applied Physics</i> , 1994 , 75, 1849-1851	2.5	3
33	Scanning tunneling microscopy characterization of the morphology of Fe/C multilayers grown on silicon substrates. <i>Journal of Applied Physics</i> , 1994 , 75, 248-254	2.5	3
32	Scanning tunneling characterization of the atomic and electronic structure of nanometer thick carbon films grown by pulsed laser vaporization of graphite. Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and		3
31	Highly ordered silicide ripple patterns induced by medium-energy ion irradiation. <i>Physical Review B</i> , 2020 , 102,	3.3	3
30	Modelling of Optical Damage in Nanorippled ZnO Produced by Ion Irradiation. <i>Crystals</i> , 2019 , 9, 453	2.3	2
29	Self-consistent depth profiling and imaging of GaN-based transistors using ion microbeams. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2015 , 348, 246-250	1.2	2
28	Influence of lateral and in-depth metal segregation on the patterning of ohmic contacts for GaN-based devices. <i>Journal Physics D: Applied Physics</i> , 2014 , 47, 185302	3	2

27	Gelation under dynamic conditions: a strategy for in vitro cell ordering. <i>Journal of Materials Science: Materials in Medicine</i> , 2006 , 17, 795-802	4.5	2
26	Integration of piezoelectric (Pb, La)TiO3 on (100)InP by using a CeO2 buffer layer. <i>Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena</i> , 2001 , 19, 812		2
25	A SIMPLE MODEL FOR ORIENTATIONAL ORDERING OF A SILVER MONOLAYER ELECTRODEPOSITED ON A C(0001) SURFACE. <i>Surface Review and Letters</i> , 1995 , 02, 489-494	1.1	2
24	Metal-catalyst-free gas-phase synthesis of long-chain hydrocarbons. <i>Nature Communications</i> , 2021 , 12, 5937	17.4	2
23	Study of the growth mechanisms of low-pressure chemically vapour deposited silica films. <i>European Physical Journal Special Topics</i> , 1999 , 09, Pr8-265-Pr8-271		2
22	A supramolecular hybrid sensor based on cucurbit[8]uril, 2D-molibdenum disulphide and diamond nanoparticles towards methyl viologen analysis. <i>Analytica Chimica Acta</i> , 2021 , 1182, 338940	6.6	2
21	Epitaxial n++-InGaAs ultra-shallow junctions for highly scaled n-MOS devices. <i>Applied Surface Science</i> , 2019 , 496, 143721	6.7	1
20	Interplay between Morphology and Surface Transport in Nanopatterns Produced by Ion-Beam Sputtering. <i>Materials Research Society Symposia Proceedings</i> , 2007 , 1059, 1		1
19	Intergranular Coulomb barriers in thin films of magnetoresistive manganites. <i>Thin Solid Films</i> , 2000 , 373, 94-97	2.2	1
18	Morphological and Structural Aspects of Thin Films Prepared by Vapor Deposition 2001 , 229-280		1
17	Nucleation and initial stages of growth of diamond films on silicon. <i>Scripta Metallurgica Et Materialia</i> , 1994 , 31, 1103-1108		1
16	Experimental study of Fe/C multilayer performance: effects of substrate quality and of x-ray irradiation 1992 ,		1
15	Scanning tunnelling microscopy studies of diamond-like films prepared by laser ablation. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 1992 , 11, 363-367	3.1	1
14	Role of the interfaces in the crystallization and hysteresis mechanisms of amorphous Fe-B thin films. <i>Journal of Alloys and Compounds</i> , 2021 , 869, 159276	5.7	1
13	Morphology Clustering Software for AFM Images, Based on Particle Isolation and Artificial Neural Networks. <i>IEEE Access</i> , 2019 , 1-1	3.5	1
12	Special issue on surfaces patterned by ion sputtering. <i>Journal of Physics Condensed Matter</i> , 2018 , 30, 450301	1.8	1
11	Silicon and Hydrogen Chemistry under Laboratory Conditions Mimicking the Atmosphere of Evolved Stars. <i>Astrophysical Journal</i> , 2021 , 906,	4.7	1
10	Lactate biosensing based on covalent immobilization of lactate oxidase onto chevron-like graphene nanoribbons via diazotization-coupling reaction <i>Analytica Chimica Acta</i> , 2022 , 1208, 339851	6.6	1

9	Role of the metal supply pathway on silicon patterning by oblique ion beam sputtering. <i>Applied Surface Science</i> , 2022 , 580, 152267	6.7	O
8	Modification of the Mechanical Properties of Core-Shell Liquid Gallium Nanoparticles by Thermal Oxidation at Low Temperature. <i>Particle and Particle Systems Characterization</i> , 2021 , 38, 2100141	3.1	O
7	Nucleation kinetics of SrTiO3 3D islands and nanorings on Si substrates. <i>Nanoscale</i> , 2014 , 6, 13188-95	7.7	
6	Influence of the initial nitrogen content in titanium films on the nitridation and silicidation processes. <i>Thin Solid Films</i> , 1997 , 305, 185-190	2.2	
5	Hysteresis and Interactions in Nanoparticulate Fe Films. <i>Materials Science Forum</i> , 1999 , 302-303, 96-100	0.4	
4	AFM Observations of the Breakdown Damage in Anodic T2O5 Films. <i>Materials Science Forum</i> , 1995 , 185-188, 251-260	0.4	
3	Scanning Tunneling Microscopy: Applications to the Study of Ordered and Disordered Conducting Solid Surfaces 1999 , 17-40		
2	Enzymatic Sol © el Biosensors 2016 , 1-39		

1 Enzymatic Sol-Gel Biosensors **2018**, 3705-3743