

# Alessio Mezzi

## List of Publications by Year in descending order

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143  
papers

2,600  
citations

186209

28  
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254106

43  
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144  
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144  
docs citations

144  
times ranked

3784  
citing authors

#	ARTICLE	IF	CITATIONS
1	Silver@Hydroxyapatite functionalized calcium carbonate composites: characterization, antibacterial and antibiofilm activities and cytotoxicity. <i>Applied Surface Science</i> , 2022, 586, 152760.	3.1	12
2	Alizarin-functionalized organic-inorganic silane coatings for the development of wearable textile sensors. <i>Journal of Colloid and Interface Science</i> , 2022, 617, 463-477.	5.0	11
3	Charge Transport Mechanisms of Black Diamond at Cryogenic Temperatures. <i>Nanomaterials</i> , 2022, 12, 2253.	1.9	2
4	Sol-Gel Assisted Immobilization of Alizarin Red S on Polyester Fabrics for Developing Stimuli-Responsive Wearable Sensors. <i>Polymers</i> , 2022, 14, 2788.	2.0	10
5	Dielectric Micro- and Sub-Micrometric Spacers for High-Temperature Energy Converters. <i>Energy Technology</i> , 2021, 9, .	1.8	15
6	Large-Area Oxidized Phosphorene Nanoflakes Obtained by Electrospray for Energy-Harvesting Applications. <i>ACS Applied Nano Materials</i> , 2021, 4, 3476-3485.	2.4	8
7	Three-Dimensional X-ray Imaging of $\beta$ -Galactosidase Reporter Activity by Micro-CT: Implication for Quantitative Analysis of Gene Expression. <i>Brain Sciences</i> , 2021, 11, 746.	1.1	8
8	Evaluation of Long-Lasting Antibacterial Properties and Cytotoxic Behavior of Functionalized Silver-Nanocellulose Composite. <i>Materials</i> , 2021, 14, 4198.	1.3	11
9	Hydroxyapatite Functionalized Calcium Carbonate Composites with Ag Nanoparticles: An Integrated Characterization Study. <i>Nanomaterials</i> , 2021, 11, 2263.	1.9	7
10	Easy and fast <i>in situ</i> functionalization of exfoliated 2D black phosphorus with gold nanoparticles. <i>Dalton Transactions</i> , 2021, 50, 11610-11618.	1.6	7
11	Aluminum (Oxy)nitride thin films grown by fs-PLD as electron emitters for thermionic applications. <i>AIP Conference Proceedings</i> , 2021, , .	0.3	6
12	Simplified All-Solid-State $WO_3$ Based Electrochromic Devices on Single Substrate: Toward Large Area, Low Voltage, High Contrast, and Fast Switching Dynamics. <i>Advanced Materials Interfaces</i> , 2020, 7, 1901663.	1.9	33
13	Development of superhydrophobic, self-cleaning, and flame-resistant DLC/TiO <sub>2</sub> melamine sponge for application in oil-water separation. <i>Journal of Materials Science</i> , 2020, 55, 2846-2859.	1.7	39
14	ESCA as a Tool for Exploration of Metals' Surface. <i>Coatings</i> , 2020, 10, 1182.	1.2	7
15	Cr Segregation and Impact Fracture in a Martensitic Stainless Steel. <i>Coatings</i> , 2020, 10, 843.	1.2	14
16	Rhodium as efficient additive for boosting acetone sensing by TiO <sub>2</sub> nanocrystals. Beyond the classical view of noble metal additives. <i>Sensors and Actuators B: Chemical</i> , 2020, 319, 128338.	4.0	6
17	La distribution on the crater surface of $W_{91}\text{La}_2\text{O}_3$ produced by a single laser pulse. <i>Surface and Interface Analysis</i> , 2020, 52, 1093-1097.	0.8	1
18	XPS study of Cr segregation in a martensitic stainless steel. <i>Surface and Interface Analysis</i> , 2020, 52, 1089-1092.	0.8	3

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19	Photovoltaic Anodes for Enhanced Thermionic Energy Conversion. ACS Energy Letters, 2020, 5, 1364-1370.	8.8	35
20	X-ray and UV photoelectron spectroscopy of Ag nanoclusters. Surface and Interface Analysis, 2020, 52, 1017-1022.	0.8	18
21	Work function and negative electron affinity of ultrathin barium fluoride films. Surface and Interface Analysis, 2020, 52, 968-974.	0.8	4
22	Nanocrystalline lanthanum boride thin films by femtosecond pulsed laser deposition as efficient emitters in hybrid thermionic-photovoltaic energy converters. Applied Surface Science, 2020, 513, 145829.	3.1	17
23	Surface and structural analysis of epitaxial $\text{La}_{1-x}\text{Sr}_x(\text{Mn}_{1-y}\text{Co}_y)\text{O}_3$ films. Surface and Interface Analysis, 2020, 52, 900-906.	0.8	2
24	Ultra-thin films of barium fluoride with low work function for thermionic-thermophotovoltaic applications. Materials Chemistry and Physics, 2020, 249, 122989.	2.0	10
25	Room temperature Co-doped manganite/graphene sensor operating at high pulsed magnetic fields. Scientific Reports, 2019, 9, 9497.	1.6	11
26	Lead-Bismuth Eutectic: Atomic and Micro-Scale Melt Evolution. Materials, 2019, 12, 3158.	1.3	2
27	Synthesis and characterization of a phosphorous/nitrogen based sol-gel coating as a novel halogen- and formaldehyde-free flame retardant finishing for cotton fabric. Polymer Degradation and Stability, 2019, 162, 148-159.	2.7	98
28	Lanthanum (oxy)boride thin films for thermionic emission applications. Applied Surface Science, 2019, 479, 296-302.	3.1	16
29	Core-Shell Bimagnetic Nanoadsorbents for Hexavalent Chromium Removal from Aqueous Solutions. Journal of Hazardous Materials, 2019, 362, 82-91.	6.5	71
30	Graphene quantum dots obtained by unfolding fullerene. Thin Solid Films, 2019, 673, 19-25.	0.8	22
31	Reduction of graphene oxide by UHV annealing. Surface and Interface Analysis, 2018, 50, 1089-1093.	0.8	9
32	Surface phenomena during the early stage of liquid phase SPS of a mixture of coarse WC and Ni alloy particles. Surface and Interface Analysis, 2018, 50, 1072-1076.	0.8	0
33	Oxidative treatment effect on $\text{TiH}_2$ powders. Surface and Interface Analysis, 2018, 50, 1195-1199.	0.8	4
34	Surface and microstructural analyses of a Roman quadrans dating back to first century AD. Surface and Interface Analysis, 2018, 50, 1042-1045.	0.8	1
35	Nanocluster superstructures or nanoparticles? The self-consuming scaffold decides. Nanoscale, 2018, 10, 7472-7483.	2.8	17
36	Fabrication of Eu-TiO <sub>2</sub> NCs functionalized cotton textile as a multifunctional photocatalyst for dye pollutants degradation. Applied Surface Science, 2018, 427, 81-91.	3.1	40

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37	Tripodal tris-disulfides as capping agents for a controlled mixed functionalization of gold nanoparticles. <i>New Journal of Chemistry</i> , 2018, 42, 16436-16440.	1.4	13
38	Preparation, intercalation, and characterization of nanostructured (Zn, Al) layered double hydroxides (LDHs). <i>Surface and Interface Analysis</i> , 2018, 50, 1094-1098.	0.8	8
39	Investigation of work function and chemical composition of thin films of borides and nitrides. <i>Surface and Interface Analysis</i> , 2018, 50, 1138-1144.	0.8	21
40	Carbon powder material obtained from an innovative high pressure water jet recycling process of tires used as anode in alkali ion (Li, Na) batteries. <i>Solid State Ionics</i> , 2018, 324, 20-27.	1.3	11
41	Galvanic Displaced Nickel-Silicon and Copper-Silicon Interfaces: A DFT Investigation. <i>ECS Transactions</i> , 2017, 75, 7-13.	0.3	1
42	Inorganic Photocatalytic Enhancement: Activated RhB Photodegradation by Surface Modification of SnO <sub>2</sub> Nanocrystals with V <sub>2</sub> O <sub>5</sub> -like species. <i>Scientific Reports</i> , 2017, 7, 44763.	1.6	17
43	Argon and hydrogen plasma influence on the protective properties of diamond-like carbon films as barrier coating. <i>Surfaces and Interfaces</i> , 2017, 6, 60-71.	1.5	29
44	Thermoelectric Analysis of ZnSb Thin Films Prepared by ns-Pulsed Laser Deposition. <i>Journal of Nanoscience and Nanotechnology</i> , 2017, 17, 1564-1570.	0.9	2
45	Bridging spatially segregated redox zones with a microbial electrochemical snorkel triggers biogeochemical cycles in oil-contaminated River Tyne (UK) sediments. <i>Water Research</i> , 2017, 127, 11-21.	5.3	30
46	Solvothermal Synthesis, Gas Sensing Properties, and Solar Cell-Aided Investigation of TiO <sub>2</sub> •MoO <sub>x</sub> Nanocrystals. <i>ChemNanoMat</i> , 2017, 3, 798-807.	1.5	2
47	Sol-gel 3-glycidoxypropyltriethoxysilane finishing on different fabrics: The role of precursor concentration and catalyst on the textile performances and cytotoxic activity. <i>Journal of Colloid and Interface Science</i> , 2017, 506, 504-517.	5.0	35
48	Growth and characterization of ultrathin carbon films on electrodeposited Cu and Ni. <i>Surface and Interface Analysis</i> , 2017, 49, 1088-1094.	0.8	7
49	ZnSb-based thin films prepared by ns-PLD for thermoelectric applications. <i>Applied Surface Science</i> , 2017, 418, 589-593.	3.1	15
50	Reprint of "Extracellular production of tellurium nanoparticles by the photosynthetic bacterium <i>Rhodobacter capsulatus</i> ". <i>Journal of Hazardous Materials</i> , 2017, 324, 31-38.	6.5	18
51	Surface immobilization of functional molecules by reactive self-assembly. <i>Surface and Interface Analysis</i> , 2016, 48, 626-629.	0.8	0
52	Welding of IN792 DS superalloy by electron beam. <i>Surface and Interface Analysis</i> , 2016, 48, 483-487.	0.8	6
53	Investigation of graphene layers on electrodeposited polycrystalline metals. <i>Surface and Interface Analysis</i> , 2016, 48, 456-460.	0.8	7
54	Surface spectroscopy and structural analysis of nanostructured multifunctional (Zn, Al) layered double hydroxides. <i>Surface and Interface Analysis</i> , 2016, 48, 514-518.	0.8	31

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55	Ceramic coatings for orthopaedic implants: preparation and characterization. <i>Surface and Interface Analysis</i> , 2016, 48, 616-620.	0.8	3
56	Cell mechanotactic and cytotoxic response to zinc oxide nanorods depends on substrate stiffness. <i>Toxicology Research</i> , 2016, 5, 1699-1710.	0.9	8
57	CHEMICAL COMPOSITION STUDY OF VANADIUM PENTOXIDE XEROGELS DOPED BY BOVINE ALBUMIN. <i>Surface Review and Letters</i> , 2016, 23, 1650058.	0.5	0
58	Study of steel-WC interface produced by solid-state capacitor discharge sintering. <i>Surface and Interface Analysis</i> , 2016, 48, 538-542.	0.8	10
59	Extracellular production of tellurium nanoparticles by the photosynthetic bacterium <i>Rhodobacter capsulatus</i> . <i>Journal of Hazardous Materials</i> , 2016, 309, 202-209.	6.5	39
60	Magnetic hydroxyapatite coatings as a new tool in medicine: A scanning probe investigation. <i>Materials Science and Engineering C</i> , 2016, 62, 444-449.	3.8	26
61	A rapid and eco-friendly route to synthesize graphene-doped silica nanohybrids. <i>Journal of Alloys and Compounds</i> , 2016, 664, 428-438.	2.8	39
62	Tuning hard and soft magnetic FePt nanocomposites. <i>Journal of Alloys and Compounds</i> , 2016, 663, 601-609.	2.8	10
63	Effect of substrate temperature on the arrangement of ultra-thin TiO <sub>2</sub> films grown by a dc-magnetron sputtering deposition. <i>Thin Solid Films</i> , 2015, 585, 5-12.	0.8	28
64	Additive, modular functionalization of reactive self-assembled monolayers: toward the fabrication of multilevel optical storage media. <i>Nanoscale</i> , 2015, 7, 7184-7188.	2.8	9
65	Nano-crystalline Ag-PbTe thermoelectric thin films by a multi-target PLD system. <i>Applied Surface Science</i> , 2015, 336, 283-289.	3.1	21
66	Indoor environmental corrosion of Ag-based alloys in the Egyptian Museum (Cairo, Egypt). <i>Applied Surface Science</i> , 2015, 326, 222-235.	3.1	21
67	Electron spectroscopy of rubber and resin-based composites containing 2D carbon. <i>Thin Solid Films</i> , 2015, 581, 80-85.	0.8	16
68	Microchemical inhomogeneity in eutectic Pb-Bi alloy quenched from melt. <i>Surface and Interface Analysis</i> , 2014, 46, 877-881.	0.8	2
69	Innovative diamond-like carbon coatings for the conservation of bronzes. <i>Surface and Interface Analysis</i> , 2014, 46, 764-770.	0.8	11
70	Corrosion effect to the surface of stainless steel treated by two processes of low temperature carburization. <i>Surface and Interface Analysis</i> , 2014, 46, 731-734.	0.8	6
71	AlN thin films prepared by ArF plasma assisted PLD. Role of process conditions on electronic and chemical-morphological properties. <i>Applied Physics A: Materials Science and Processing</i> , 2014, 114, 611-617.	1.1	2
72	Diamond-like carbon coatings for the protection of metallic artefacts: effect on the aesthetic appearance. <i>Applied Physics A: Materials Science and Processing</i> , 2014, 114, 663-671.	1.1	6

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73	Electron spectroscopy of the main allotropes of carbon. <i>Surface and Interface Analysis</i> , 2014, 46, 966-969.	0.8	53
74	Effects of plasma treatments for improving extreme wettability behavior of cotton fabrics. <i>Cellulose</i> , 2014, 21, 741-756.	2.4	88
75	Fs-pulsed laser deposition of PbTe and PbTe/Ag thermoelectric thin films. <i>Applied Physics A: Materials Science and Processing</i> , 2014, 117, 401-407.	1.1	11
76	Combined use of SA-XPS, XRD and SEM-EDS for the micro-chemical characterisation of Ag-based archaeological artefacts. <i>Surface and Interface Analysis</i> , 2014, 46, 801-806.	0.8	11
77	Surface studies of environmental reactive species during exhibition or storage of ancient Ag-based artefacts. <i>Surface and Interface Analysis</i> , 2014, 46, 796-800.	0.8	5
78	Ancient Mercury-Based Plating Methods: Combined Use of Surface Analytical Techniques for the Study of Manufacturing Process and Degradation Phenomena. <i>Accounts of Chemical Research</i> , 2013, 46, 2365-2375.	7.6	48
79	Unusual surface degradation products grown on archaeological bronze artefacts. <i>Applied Physics A: Materials Science and Processing</i> , 2013, 113, 1121-1128.	1.1	14
80	Micro-chemical and micro-structural investigation of archaeological bronze weapons from the Ayanis fortress (lake Van, Eastern Anatolia, Turkey). <i>Applied Physics A: Materials Science and Processing</i> , 2013, 113, 911-921.	1.1	7
81	PLD deposition of tungsten carbide contact for diamond photodiodes. Influence of process conditions on electronic and chemical aspects. <i>Applied Surface Science</i> , 2013, 278, 111-116.	3.1	2
82	Fabrication of SiGe rings and holes on Si(001) by flash annealing. <i>Applied Surface Science</i> , 2013, 283, 813-819.	3.1	4
83	Ultra Hydrophobic/Superhydrophilic Modified Cotton Textiles through Functionalized Diamond-Like Carbon Coatings for Self-Cleaning Applications. <i>Langmuir</i> , 2013, 29, 2775-2783.	1.6	85
84	Ceria/stannate multilayer coatings on AZ91D Mg alloy. <i>Surface and Coatings Technology</i> , 2012, 206, 4855-4863.	2.2	21
85	Degradation mechanisms occurring in precious metallic artefacts. <i>Surface and Interface Analysis</i> , 2012, 44, 947-952.	0.8	14
86	Analytical methodologies for the investigation of soil-induced degradation of Cu-based archaeological artefacts. <i>Surface and Interface Analysis</i> , 2012, 44, 953-957.	0.8	10
87	Micro-structural and micro-chemical composition of bronze artefacts from Tharros (Western Tj ETQq1 1 0.784314 rgBT /Overlock 13	0.8	13
88	Investigation of the benzotriazole inhibition mechanism of bronze disease. <i>Surface and Interface Analysis</i> , 2012, 44, 968-971.	0.8	35
89	Relation between the microstructure and microchemistry in Ni-based superalloy. <i>Surface and Interface Analysis</i> , 2012, 44, 982-985.	0.8	10
90	Micro-chemical surface investigation of brittle carthaginian and roman silver artefacts. <i>Surface and Interface Analysis</i> , 2012, 44, 972-976.	0.8	5

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91	Surface modification of austenitic steels by low-temperature carburization. <i>Surface and Interface Analysis</i> , 2012, 44, 1001-1004.	0.8	14
92	Influence of process conditions on chemical composition and electronic properties of AlN thin films prepared by ArF reactive pulsed laser deposition. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2012, 9, 1053-1056.	0.8	1
93	Structural, chemical, and electrical characterization of indium nitride produced by pulsed laser ablation. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2012, 9, 993-996.	0.8	2
94	Novel route to high-yield synthesis of sp <sup>2</sup> -hybridized boron nitride nanoplates on stainless steel. <i>Journal of Materials Chemistry</i> , 2011, 21, 10268.	6.7	4
95	Carbon nitride films by RF plasma assisted PLD: Spectroscopic and electronic analysis. <i>Applied Surface Science</i> , 2011, 257, 5175-5180.	3.1	14
96	Effect of deposition temperature on chemical composition and electronic properties of amorphous carbon nitride (a-CN <sub>x</sub> ) thin films grown by plasma assisted pulsed laser deposition. <i>Thin Solid Films</i> , 2011, 519, 4059-4063.	0.8	20
97	Influence of PECVD parameters on the properties of diamond-like carbon films. <i>Thin Solid Films</i> , 2011, 519, 4087-4091.	0.8	61
98	Comparison between Roll Diffusion Bonding and Hot Isostatic Pressing Production Processes of Ti <sub>6</sub> Al <sub>4</sub> V-SiC <sub>f</sub> Metal Matrix Composites. <i>Materials Science Forum</i> , 2011, 678, 145-154.	0.3	6
99	Chemical composition of superconducting SmFeAsO doped with fluorine. <i>Surface and Interface Analysis</i> , 2010, 42, 692-695.	0.8	2
100	Microchemical characterisation of carbon-metal interface in Ti <sub>6</sub> Al <sub>4</sub> V-SiC <sub>f</sub> composites. <i>Surface and Interface Analysis</i> , 2010, 42, 707-711.	0.8	8
101	XPS study of gold-based metallic glass. <i>Surface and Interface Analysis</i> , 2010, 42, 597-600.	0.8	8
102	Structure and composition of electrospun titania nanofibres doped with Eu. <i>Surface and Interface Analysis</i> , 2010, 42, 572-575.	0.8	22
103	Composition of plasma-sprayed tungsten coatings on CuCrZr alloy. <i>Surface and Interface Analysis</i> , 2010, 42, 1197-1200.	0.8	10
104	Heating modification of an austenitic steel with high-nitrogen content. <i>Surface and Interface Analysis</i> , 2010, 42, 726-729.	0.8	9
105	Surface investigation of carbon films: from diamond to graphite. <i>Surface and Interface Analysis</i> , 2010, 42, 1082-1084.	0.8	149
106	Anelastic Phenomena at the Fibre-Matrix Interface of the Ti <sub>6</sub> Al <sub>4</sub> V-SiC <sub>f</sub> Composite. <i>Key Engineering Materials</i> , 2010, 425, 263-270.	0.4	3
107	Discontinuous Precipitation in a High-Nitrogen Austenitic Steel. <i>Materials Science Forum</i> , 2010, 638-642, 3597-3602.	0.3	5
108	High Yield Synthesis of Pure Alkanethiolate-Capped Silver Nanoparticles. <i>Langmuir</i> , 2010, 26, 15561-15566.	1.6	32

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109	Ordered arrays of FePt nanoparticles on oxidized silicon surface by wet chemistry. Superlattices and Microstructures, 2009, 46, 95-100.	1.4	10
110	Supramolecular Colloidal Systems of Gold Nanoparticles/Amphiphilic Cyclodextrin: a FE-SEM and XPS Investigation of Nanostructures Assembled onto Solid Surface. Journal of Physical Chemistry C, 2009, 113, 12772-12777.	1.5	37
111	Chemical composition of magnesium boride films obtained by CVD. Surface and Interface Analysis, 2008, 40, 741-745.	0.8	7
112	Composite of Ti6Al4V and SiC fibres: evolution of fibre-matrix interface during heat treatments. Surface and Interface Analysis, 2008, 40, 277-280.	0.8	15
113	Effect of oxygen partial pressure on PLD cobalt oxide films. Applied Surface Science, 2008, 254, 5111-5115.	3.1	29
114	Chemical vapor deposition of hafnium dioxide thin films from cyclopentadienyl hafnium compounds. Thin Solid Films, 2008, 516, 7354-7360.	0.8	4
115	Doped ZnO nanowires: Towards homojunctions. , 2008, , .		1
116	ANCHORAGE OF AMPHIPHILIC CYCLODEXTRINS WITH GOLD NANOPARTICLES ON SOLID SUBSTRATES. , 2008, , .		0
117	Study of Magnesium Boride Films Obtained From Mg(BH <sub>4</sub> ) <sub>2</sub> by CVD. Chemical Vapor Deposition, 2007, 13, 414-419.	1.4	10
118	Growth of Hafnium Dioxide Thin Films by MOCVD Using a New Series of Cyclopentadienyl Hafnium Compounds. Chemical Vapor Deposition, 2007, 13, 626-632.	1.4	16
119	Zirconia primers for corrosion resistant coatings. Surface and Coatings Technology, 2007, 201, 5822-5828.	2.2	85
120	Evolution of the Pt Layer Deposited on MgO(001) by Pulsed Laser Deposition as a Function of the Deposition Parameters: A Scanning Tunneling Microscopy and Energy Dispersive X-ray Diffractometry/Reflectometry Study. Journal of Physical Chemistry B, 2006, 110, 5529-5536.	1.2	15
121	Influence of electrodes ageing on the properties of the gas sensors based on SnO <sub>2</sub> . Sensors and Actuators B: Chemical, 2006, 115, 396-402.	4.0	20
122	Properties of the planar ADH-dry-layer structures based on electrically controlled coupling between enzyme molecules and metal surfaces. Sensors and Actuators B: Chemical, 2006, 118, 60-66.	4.0	2
123	Multi-technique study of corrosion resistant CrN/CrN and CrN:C coatings. Surface and Coatings Technology, 2006, 201, 313-319.	2.2	39
124	Characterization of composite titanium nitride coatings prepared by reactive plasma spraying. Electrochimica Acta, 2005, 50, 4531-4537.	2.6	62
125	A Comparative Study of Cr <sub>2</sub> O <sub>3</sub> Thin Films Obtained by MOCVD using Three Different Precursors. Chemical Vapor Deposition, 2005, 11, 375-380.	1.4	43
126	Magnetite Nanoparticles Anchored to Crystalline Silicon Surfaces. Chemistry of Materials, 2005, 17, 3311-3316.	3.2	46



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127	Microchemical investigation of archaeological copper-based artefacts used for currency in ancient Italy before the coinage. <i>Surface and Interface Analysis</i> , 2004, 36, 866-870.	0.8	8
128	Combined use of XPS and SEM+ EDS for the study of surface microchemical structure of archaeological bronze Roman mirrors. <i>Surface and Interface Analysis</i> , 2004, 36, 871-875.	0.8	14
129	Surface defects on collection coins of precious metals. <i>Surface and Interface Analysis</i> , 2004, 36, 921-924.	0.8	7
130	Surface characterization of titanium nitride composite coatings fabricated by reactive plasma spraying. <i>Surface and Interface Analysis</i> , 2004, 36, 1147-1150.	0.8	15
131	Facile Synthesis and Characterization of New $\beta$ -Diketonate Silver Complexes. Single-Crystal Structures of (1,1,1,5,5,5-Hexafluoro-2,4-pentadionato)(2,2'-bipyridine)silver(I) and (1,1,1,5,5,5-Hexafluoro-2,4-pentadionato)(N,N,N',N'-tetramethylethylenediamine)silver(I) and Their Use as MOCVD Precursors for Silver Films. <i>Chemical Vapor Deposition</i> , 2004, 10, 207-213.	1.4	27
132	ZT thin films produced by metal organic-chemical vapour deposition to be used as high-k dielectrics. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2004, 109, 104-112.	1.7	6
133	Carboxylic acid terminated monolayer formation on crystalline silicon and silicon nitride surfaces. A surface coverage determination with a fluorescent probe in solution Electronic Supplementary Information (ESI) available: analytical data of the new compounds and general information on the instruments used for their characterization. See <a href="http://www.rsc.org/suppdata/jm/b3/b312273e/">http://www.rsc.org/suppdata/jm/b3/b312273e/</a> . <i>Journal of Materials Chemistry</i> , 2004, 14, 1461.	6.7	50
134	XPS STUDY OF THIN FILMS OF BINARY METAL OXIDES FOR GAS-SENSING APPLICATIONS. , 2004, , .		0
135	INFLUENCE OF ELECTRODES AGING ON THE RESPONSES OF SNO2 SOL-GEL SENSORS. , 2004, , .		0
136	AFM and SNOM characterization of carboxylic acid terminated silicon and silicon nitride surfaces. <i>Surface Science</i> , 2003, 544, 51-57.	0.8	14
137	XPS characterization of biocompatible hydroxyapatite-polymer coatings. <i>Surface and Interface Analysis</i> , 2002, 34, 45-49.	0.8	46
138	Contribution of surface analytical techniques for the microchemical study of archaeological artefacts. <i>Surface and Interface Analysis</i> , 2002, 34, 328-336.	0.8	44
139	SENSITIVITY AND SELECTIVITY ENHANCEMENT IN WO3 AND CR2-xTiO3 THIN FILMS DEPOSITED BY PULSED LASER ABLATION. , 2002, , .		1
140	XPS characterisation of iron-modified vanadyl phosphate catalysts. <i>Applied Catalysis A: General</i> , 2001, 218, 129-137.	2.2	22
141	Long-Term Heat Treatments on Ti6Al4V-SiC<sub>f</sub>/sub> Composite. Part I - Microstructural Characterization. <i>Materials Science Forum</i> , 0, 604-605, 331-340.	0.3	5
142	Microstructural Characterization of Ti6Al4V-SiC<sub>f</sub>/sub> Composite Produced by New Roll-Bonding Process. <i>Advanced Materials Research</i> , 0, 89-91, 715-720.	0.3	2
143	Micro-Chemistry and Mechanical Behaviour of Ti6Al4V-SiC<sub>f</sub>/sub> Composite Produced by HIP for Aeronautical Applications. <i>Materials Science Forum</i> , 0, 678, 23-47.	0.3	3