

Alessio Mezzi

List of Publications by Year in descending order

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143
papers

2,600
citations

186209

28
h-index

254106

43
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144
all docs

144
docs citations

144
times ranked

3784
citing authors

#	ARTICLE	IF	CITATIONS
1	Surface investigation of carbon films: from diamond to graphite. <i>Surface and Interface Analysis</i> , 2010, 42, 1082-1084.	0.8	149
2	Synthesis and characterization of a phosphorous/nitrogen based sol-gel coating as a novel halogen- and formaldehyde-free flame retardant finishing for cotton fabric. <i>Polymer Degradation and Stability</i> , 2019, 162, 148-159.	2.7	98
3	Effects of plasma treatments for improving extreme wettability behavior of cotton fabrics. <i>Cellulose</i> , 2014, 21, 741-756.	2.4	88
4	Zirconia primers for corrosion resistant coatings. <i>Surface and Coatings Technology</i> , 2007, 201, 5822-5828.	2.2	85
5	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
6	Core-Shell Bimagnetic Nanoadsorbents for Hexavalent Chromium Removal from Aqueous Solutions. <i>Journal of Hazardous Materials</i> , 2019, 362, 82-91.	6.5	71
7	Characterization of composite titanium nitride coatings prepared by reactive plasma spraying. <i>Electrochimica Acta</i> , 2005, 50, 4531-4537.	2.6	62
8	Influence of PECVD parameters on the properties of diamond-like carbon films. <i>Thin Solid Films</i> , 2011, 519, 4087-4091.	0.8	61
9	Electron spectroscopy of the main allotropes of carbon. <i>Surface and Interface Analysis</i> , 2014, 46, 966-969.	0.8	53
10	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 http://www.rsc.org/suppdata/jm/b3/b312273e/ . <i>Journal of Materials Chemistry</i> , 2004, 14, 1461.	6.7	50
11	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
12	XPS characterization of biocompatible hydroxyapatite-polymer coatings. <i>Surface and Interface Analysis</i> , 2002, 34, 45-49.	0.8	46
13	Magnetite Nanoparticles Anchored to Crystalline Silicon Surfaces. <i>Chemistry of Materials</i> , 2005, 17, 3311-3316.	3.2	46
14	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
15	A Comparative Study of Cr ₂ O ₃ Thin Films Obtained by MOCVD using Three Different Precursors. <i>Chemical Vapor Deposition</i> , 2005, 11, 375-380.	1.4	43
16	Fabrication of Eu-TiO ₂ NCs functionalized cotton textile as a multifunctional photocatalyst for dye pollutants degradation. <i>Applied Surface Science</i> , 2018, 427, 81-91.	3.1	40
17	Multi-technique study of corrosion resistant CrN/Cr/CrN and CrN:C coatings. <i>Surface and Coatings Technology</i> , 2006, 201, 313-319.	2.2	39
18	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

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19	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
20	Development of superhydrophobic, self-cleaning, and flame-resistant DLC/TiO ₂ melamine sponge for application in oil/water separation. <i>Journal of Materials Science</i> , 2020, 55, 2846-2859.	1.7	39
21	Supramolecular Colloidal Systems of Gold Nanoparticles/Amphiphilic Cyclodextrin: a FE-SEM and XPS Investigation of Nanostructures Assembled onto Solid Surface. <i>Journal of Physical Chemistry C</i> , 2009, 113, 12772-12777.	1.5	37
22	Investigation of the benzotriazole inhibition mechanism of bronze disease. <i>Surface and Interface Analysis</i> , 2012, 44, 968-971.	0.8	35
23	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
24	Photovoltaic Anodes for Enhanced Thermionic Energy Conversion. <i>ACS Energy Letters</i> , 2020, 5, 1364-1370.	8.8	35
25	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
26	High Yield Synthesis of Pure Alkanethiolate-Capped Silver Nanoparticles. <i>Langmuir</i> , 2010, 26, 15561-15566.	1.6	32
27	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
28	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
29	Effect of oxygen partial pressure on PLD cobalt oxide films. <i>Applied Surface Science</i> , 2008, 254, 5111-5115.	3.1	29
30	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
31	Effect of substrate temperature on the arrangement of ultra-thin TiO ₂ films grown by a dc-magnetron sputtering deposition. <i>Thin Solid Films</i> , 2015, 585, 5-12.	0.8	28
32	Facile Synthesis and Characterization of New ² -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
33	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
34	XPS characterisation of iron-modified vanadyl phosphate catalysts. <i>Applied Catalysis A: General</i> , 2001, 218, 129-137.	2.2	22
35	Structure and composition of electrospun titania nanofibres doped with Eu. <i>Surface and Interface Analysis</i> , 2010, 42, 572-575.	0.8	22
36	Graphene quantum dots obtained by unfolding fullerene. <i>Thin Solid Films</i> , 2019, 673, 19-25.	0.8	22

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37	Ceria/stannate multilayer coatings on AZ91D Mg alloy. <i>Surface and Coatings Technology</i> , 2012, 206, 4855-4863.	2.2	21
38	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
39	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
40	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
41	Influence of electrodes ageing on the properties of the gas sensors based on SnO ₂ . <i>Sensors and Actuators B: Chemical</i> , 2006, 115, 396-402.	4.0	20
42	Effect of deposition temperature on chemical composition and electronic properties of amorphous carbon nitride (a-CN _x) thin films grown by plasma assisted pulsed laser deposition. <i>Thin Solid Films</i> , 2011, 519, 4059-4063.	0.8	20
43	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
44	X-ray and UV photoelectron spectroscopy of Ag nanoclusters. <i>Surface and Interface Analysis</i> , 2020, 52, 1017-1022.	0.8	18
45	Inorganic Photocatalytic Enhancement: Activated RhB Photodegradation by Surface Modification of SnO ₂ Nanocrystals with V ₂ O ₅ -like species. <i>Scientific Reports</i> , 2017, 7, 44763.	1.6	17
46	Nanocluster superstructures or nanoparticles? The self-consuming scaffold decides. <i>Nanoscale</i> , 2018, 10, 7472-7483.	2.8	17
47	Nanocrystalline lanthanum boride thin films by femtosecond pulsed laser deposition as efficient emitters in hybrid thermionic-photovoltaic energy converters. <i>Applied Surface Science</i> , 2020, 513, 145829.	3.1	17
48	Growth of Hafnium Dioxide Thin Films by MOCVD Using a New Series of Cyclopentadienyl Hafnium Compounds. <i>Chemical Vapor Deposition</i> , 2007, 13, 626-632.	1.4	16
49	Electron spectroscopy of rubber and resin-based composites containing 2D carbon. <i>Thin Solid Films</i> , 2015, 581, 80-85.	0.8	16
50	Lanthanum (oxy)boride thin films for thermionic emission applications. <i>Applied Surface Science</i> , 2019, 479, 296-302.	3.1	16
51	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
52	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. <i>Journal of Physical Chemistry B</i> , 2006, 110, 5529-5536.	1.2	15
53	Composite of Ti ₆ Al ₄ V and SiC fibres: evolution of fibre-matrix interface during heat treatments. <i>Surface and Interface Analysis</i> , 2008, 40, 277-280.	0.8	15
54	ZnSb-based thin films prepared by ns-PLD for thermoelectric applications. <i>Applied Surface Science</i> , 2017, 418, 589-593.	3.1	15

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55	Dielectric Micro- and Sub-Micrometric Spacers for High-Temperature Energy Converters. Energy Technology, 2021, 9, .	1.8	15
56	AFM and SNOM characterization of carboxylic acid terminated silicon and silicon nitride surfaces. Surface Science, 2003, 544, 51-57.	0.8	14
57	Combined use of XPS and SEM+ EDS for the study of surface microchemical structure of archaeological bronze Roman mirrors. Surface and Interface Analysis, 2004, 36, 871-875.	0.8	14
58	Carbon nitride films by RF plasma assisted PLD: Spectroscopic and electronic analysis. Applied Surface Science, 2011, 257, 5175-5180.	3.1	14
59	Degradation mechanisms occurring in precious metallic artefacts. Surface and Interface Analysis, 2012, 44, 947-952.	0.8	14
60	Surface modification of austenitic steels by low-temperature carburization. Surface and Interface Analysis, 2012, 44, 1001-1004.	0.8	14
61	Unusual surface degradation products grown on archaeological bronze artefacts. Applied Physics A: Materials Science and Processing, 2013, 113, 1121-1128.	1.1	14
62	Cr Segregation and Impact Fracture in a Martensitic Stainless Steel. Coatings, 2020, 10, 843.	1.2	14
63	Microstructural and microchemical composition of bronze artefacts from Tharros (Western Tj ETQq1 1 0.784314 rgBT /Overlock	0.8	13
64	Tripodal tris-disulfides as capping agents for a controlled mixed functionalization of gold nanoparticles. New Journal of Chemistry, 2018, 42, 16436-16440.	1.4	13
65	Silver@Hydroxyapatite functionalized calcium carbonate composites: characterization, antibacterial and antibiofilm activities and cytotoxicity. Applied Surface Science, 2022, 586, 152760.	3.1	12
66	Innovative diamond-like carbon coatings for the conservation of bronzes. Surface and Interface Analysis, 2014, 46, 764-770.	0.8	11
67	Fs-pulsed laser deposition of PbTe and PbTe/Ag thermoelectric thin films. Applied Physics A: Materials Science and Processing, 2014, 117, 401-407.	1.1	11
68	Combined use of SA-XPS, XRD and SEM+EDS for the microchemical characterisation of Ag-based archaeological artefacts. Surface and Interface Analysis, 2014, 46, 801-806.	0.8	11
69	Carbon powder material obtained from an innovative high pressure water jet recycling process of tires used as anode in alkali ion (Li, Na) batteries. Solid State Ionics, 2018, 324, 20-27.	1.3	11
70	Room temperature Co-doped manganite/graphene sensor operating at high pulsed magnetic fields. Scientific Reports, 2019, 9, 9497.	1.6	11
71	Evaluation of Long-Lasting Antibacterial Properties and Cytotoxic Behavior of Functionalized Silver-Nanocellulose Composite. Materials, 2021, 14, 4198.	1.3	11
72	Alizarin-functionalized organic-inorganic silane coatings for the development of wearable textile sensors. Journal of Colloid and Interface Science, 2022, 617, 463-477.	5.0	11

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73	Study of Magnesium Boride Films Obtained From Mg(BH ₄) ₂ by CVD. Chemical Vapor Deposition, 2007, 13, 414-419.	1.4	10
74	Ordered arrays of FePt nanoparticles on unoxidized silicon surface by wet chemistry. Superlattices and Microstructures, 2009, 46, 95-100.	1.4	10
75	Composition of plasma-sprayed tungsten coatings on CuCrZr alloy. Surface and Interface Analysis, 2010, 42, 1197-1200.	0.8	10
76	Analytical methodologies for the investigation of soil-induced degradation of Cu-based archaeological artefacts. Surface and Interface Analysis, 2012, 44, 953-957.	0.8	10
77	Relation between the microstructure and microchemistry in Ni-based superalloy. Surface and Interface Analysis, 2012, 44, 982-985.	0.8	10
78	Study of steel-WC interface produced by solid-state capacitor discharge sintering. Surface and Interface Analysis, 2016, 48, 538-542.	0.8	10
79	Tuning hard and soft magnetic FePt nanocomposites. Journal of Alloys and Compounds, 2016, 663, 601-609.	2.8	10
80	Ultra-thin films of barium fluoride with low work function for thermionic-thermophotovoltaic applications. Materials Chemistry and Physics, 2020, 249, 122989.	2.0	10
81	Sol-Gel Assisted Immobilization of Alizarin Red S on Polyester Fabrics for Developing Stimuli-Responsive Wearable Sensors. Polymers, 2022, 14, 2788.	2.0	10
82	Heating modification of an austenitic steel with high nitrogen content. Surface and Interface Analysis, 2010, 42, 726-729.	0.8	9
83	Additive, modular functionalization of reactive self-assembled monolayers: toward the fabrication of multilevel optical storage media. Nanoscale, 2015, 7, 7184-7188.	2.8	9
84	Reduction of graphene oxide by UHV annealing. Surface and Interface Analysis, 2018, 50, 1089-1093.	0.8	9
85	Microchemical investigation of archaeological copper-based artefacts used for currency in ancient Italy before the coinage. Surface and Interface Analysis, 2004, 36, 866-870.	0.8	8
86	Microchemical characterisation of carbon-metal interface in Ti ₆ Al ₄ Vi ₂ SiC _f composites. Surface and Interface Analysis, 2010, 42, 707-711.	0.8	8
87	XPS study of gold-based metallic glass. Surface and Interface Analysis, 2010, 42, 597-600.	0.8	8
88	Cell mechanotactic and cytotoxic response to zinc oxide nanorods depends on substrate stiffness. Toxicology Research, 2016, 5, 1699-1710.	0.9	8
89	Preparation, intercalation, and characterization of nanostructured (Zn, Al) layered double hydroxides (LDHs). Surface and Interface Analysis, 2018, 50, 1094-1098.	0.8	8
90	Large-Area Oxidized Phosphorene Nanoflakes Obtained by Electrospray for Energy-Harvesting Applications. ACS Applied Nano Materials, 2021, 4, 3476-3485.	2.4	8

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91	Three-Dimensional X-ray Imaging of β -Galactosidase Reporter Activity by Micro-CT: Implication for Quantitative Analysis of Gene Expression. <i>Brain Sciences</i> , 2021, 11, 746.	1.1	8
92	Surface defects on collection coins of precious metals. <i>Surface and Interface Analysis</i> , 2004, 36, 921-924.	0.8	7
93	Chemical composition of magnesium boride films obtained by CVD. <i>Surface and Interface Analysis</i> , 2008, 40, 741-745.	0.8	7
94	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
95	Investigation of graphene layers on electrodeposited polycrystalline metals. <i>Surface and Interface Analysis</i> , 2016, 48, 456-460.	0.8	7
96	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
97	ESCA as a Tool for Exploration of Metals' Surface. <i>Coatings</i> , 2020, 10, 1182.	1.2	7
98	Hydroxyapatite Functionalized Calcium Carbonate Composites with Ag Nanoparticles: An Integrated Characterization Study. <i>Nanomaterials</i> , 2021, 11, 2263.	1.9	7
99	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
100	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
101	Comparison between Roll Diffusion Bonding and Hot Isostatic Pressing Production Processes of Ti6Al4V-SiC Metal Matrix Composites. <i>Materials Science Forum</i> , 2011, 678, 145-154.	0.3	6
102	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
103	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
104	Welding of IN792 DS superalloy by electron beam. <i>Surface and Interface Analysis</i> , 2016, 48, 483-487.	0.8	6
105	Rhodium as efficient additive for boosting acetone sensing by TiO ₂ nanocrystals. Beyond the classical view of noble metal additives. <i>Sensors and Actuators B: Chemical</i> , 2020, 319, 128338.	4.0	6
106	Aluminum (Oxy)nitride thin films grown by fs-PLD as electron emitters for thermionic applications. <i>AIP Conference Proceedings</i> , 2021, , .	0.3	6
107	Long-Term Heat Treatments on Ti6Al4V-SiC Composite. Part I - Microstructural Characterization. <i>Materials Science Forum</i> , 0, 604-605, 331-340.	0.3	5
108	Discontinuous Precipitation in a High-Nitrogen Austenitic Steel. <i>Materials Science Forum</i> , 2010, 638-642, 3597-3602.	0.3	5

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109	Microchemical surface investigation of brittle carthaginian and roman silver artefacts. <i>Surface and Interface Analysis</i> , 2012, 44, 972-976.	0.8	5
110	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
111	Chemical vapor deposition of hafnium dioxide thin films from cyclopentadienyl hafnium compounds. <i>Thin Solid Films</i> , 2008, 516, 7354-7360.	0.8	4
112	Novel route to high-yield synthesis of sp ² -hybridized boron nitride nanoplates on stainless steel. <i>Journal of Materials Chemistry</i> , 2011, 21, 10268.	6.7	4
113	Fabrication of SiGe rings and holes on Si(001) by flash annealing. <i>Applied Surface Science</i> , 2013, 283, 813-819.	3.1	4
114	Oxidative treatment effect on TiH ₂ powders. <i>Surface and Interface Analysis</i> , 2018, 50, 1195-1199.	0.8	4
115	Work function and negative electron affinity of ultrathin barium fluoride films. <i>Surface and Interface Analysis</i> , 2020, 52, 968-974.	0.8	4
116	Anelastic Phenomena at the Fibre-Matrix Interface of the Ti6Al4V-SiC Composite. <i>Key Engineering Materials</i> , 2010, 425, 263-270.	0.4	3
117	Micro-Chemistry and Mechanical Behaviour of Ti6Al4V-SiC Composite Produced by HIP for Aeronautical Applications. <i>Materials Science Forum</i> , 0, 678, 23-47.	0.3	3
118	Ceramic coatings for orthopaedic implants: preparation and characterization. <i>Surface and Interface Analysis</i> , 2016, 48, 616-620.	0.8	3
119	XPS study of Cr segregation in a martensitic stainless steel. <i>Surface and Interface Analysis</i> , 2020, 52, 1089-1092.	0.8	3
120	Properties of the planar ADH-dry-layer structures based on electrically controlled coupling between enzyme molecules and metal surfaces. <i>Sensors and Actuators B: Chemical</i> , 2006, 118, 60-66.	4.0	2
121	Chemical composition of superconducting SmFeAsO doped with fluorine. <i>Surface and Interface Analysis</i> , 2010, 42, 692-695.	0.8	2
122	Microstructural Characterization of Ti6Al4V-SiC Composite Produced by New Roll-Bonding Process. <i>Advanced Materials Research</i> , 0, 89-91, 715-720.	0.3	2
123	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
124	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
125	Microchemical inhomogeneity in eutectic Pb-Bi alloy quenched from melt. <i>Surface and Interface Analysis</i> , 2014, 46, 877-881.	0.8	2
126	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

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127	Thermoelectric Analysis of ZnSb Thin Films Prepared by ns-Pulsed Laser Deposition. Journal of Nanoscience and Nanotechnology, 2017, 17, 1564-1570.	0.9	2
128	Solvothermal Synthesis, Gas Sensing Properties, and Solar Cell-Aided Investigation of TiO ₂ -MoO _x Nanocrystals. ChemNanoMat, 2017, 3, 798-807.	1.5	2
129	Lead-Bismuth Eutectic: Atomic and Micro-Scale Melt Evolution. Materials, 2019, 12, 3158.	1.3	2
130	Surface and structural analysis of epitaxial La ^{1-x} Sr ^x (Mn ^{1-y} Co ^y) z O ₃ films. Surface and Interface Analysis, 2020, 52, 900-906.	0.8	2
131	Charge Transport Mechanisms of Black Diamond at Cryogenic Temperatures. Nanomaterials, 2022, 12, 2253.	1.9	2
132	Doped ZnO nanowires: Towards homojunctions. , 2008, , .		1
133	Influence of process conditions on chemical composition and electronic properties of AlN thin films prepared by ArF reactive pulsed laser deposition. Physica Status Solidi C: Current Topics in Solid State Physics, 2012, 9, 1053-1056.	0.8	1
134	Galvanic Displaced Nickel-Silicon and Copper-Silicon Interfaces: A DFT Investigation. ECS Transactions, 2017, 75, 7-13.	0.3	1
135	Surface and microstructural analyses of a Roman quadrans dating back to first century . Surface and Interface Analysis, 2018, 50, 1042-1045.	0.8	1
136	La distribution on the crater surface of W _{0.1} La ₂ O ₃ produced by a single laser pulse. Surface and Interface Analysis, 2020, 52, 1093-1097.	0.8	1
137	SENSITIVITY AND SELECTIVITY ENHANCEMENT IN WO ₃ AND CR _{2-x} Ti _x O ₃ THIN FILMS DEPOSITED BY PULSED LASER ABLATION. , 2002, , .		1
138	Surface immobilization of functional molecules by reactive self-assembly. Surface and Interface Analysis, 2016, 48, 626-629.	0.8	0
139	CHEMICAL COMPOSITION STUDY OF VANADIUM PENTOXIDE XEROGELS DOPED BY BOVINE ALBUMIN. Surface Review and Letters, 2016, 23, 1650058.	0.5	0
140	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
141	XPS STUDY OF THIN FILMS OF BINARY METAL OXIDES FOR GAS-SENSING APPLICATIONS. , 2004, , .		0
142	INFLUENCE OF ELECTRODES AGING ON THE RESPONSES OF SNO ₂ SOL-GEL SENSORS. , 2004, , .		0
143	ANCHORAGE OF AMPHIPHILIC CYCLODEXTRINS WITH GOLD NANOPARTICLES ON SOLID SUBSTRATES. , 2008, , .		0