

Miguel Manso Silvã;n

List of Publications by Year in descending order

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132
papers

2,250
citations

279487

23
h-index

301761

39
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133
all docs

133
docs citations

133
times ranked

2762
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrodeposition of hydroxyapatite coatings in basic conditions. <i>Biomaterials</i> , 2000, 21, 1755-1761.	5.7	221
2	Surface micro- and nano-texturing of stainless steel by femtosecond laser for the control of cell migration. <i>Scientific Reports</i> , 2016, 6, 36296.	1.6	94
3	Title is missing!. <i>Journal of Sol-Gel Science and Technology</i> , 2001, 22, 139-150.	1.1	91
4	Fabrication of Nanostructured Polymeric Surfaces for Biosensing Devices. <i>Nano Letters</i> , 2004, 4, 1047-1050.	4.5	90
5	Testing sol-gel CaTiO ₃ coatings for biocompatible applications. <i>Materials Science and Engineering C</i> , 2003, 23, 447-450.	3.8	62
6	Optical Biosensors Based on Semiconductor Nanostructures. <i>Sensors</i> , 2009, 9, 5149-5172.	2.1	61
7	Porous silicon-cyclodextrin based polymer composites for drug delivery applications. <i>Carbohydrate Polymers</i> , 2014, 110, 238-252.	5.1	58
8	Tailoring surface properties of biomedical polymers by implantation of Ar and He ions. <i>Acta Biomaterialia</i> , 2005, 1, 431-440.	4.1	44
9	Gold Nanostructures for Surface-Enhanced Raman Spectroscopy, Prepared by Electrodeposition in Porous Silicon. <i>Materials</i> , 2011, 4, 791-800.	1.3	42
10	Nanostructured Porous Silicon: The Winding Road from Photonics to Cell Scaffolds – A Review. <i>Frontiers in Bioengineering and Biotechnology</i> , 2015, 3, 60.	2.0	42
11	Hybrid porous silicon/silver nanostructures for the development of enhanced photovoltaic devices. <i>Journal of Materials Science</i> , 2020, 55, 5458-5470.	1.7	39
12	Mechanical and in vitro testing of aerosol-gel deposited titania coatings for biocompatible applications. <i>Biomaterials</i> , 2002, 23, 349-356.	5.7	35
13	Surface biofunctionalization of materials by amine groups. <i>Journal of Materials Research</i> , 2004, 19, 2415-2420.	1.2	32
14	Biological evaluation of aerosol-gel-derived hydroxyapatite coatings with human mesenchymal stem cells. <i>Biomaterials</i> , 2002, 23, 3985-3990.	5.7	30
15	Monodisperse γ -Fe ₂ O ₃ nanoplatelets: Synthesis and characterization. <i>Ceramics International</i> , 2015, 41, 2228-2233.	2.3	30
16	BaTiO ₃ thin films obtained by sol-gel spin coating. <i>Surface and Coatings Technology</i> , 2002, 151-152, 118-121.	2.2	29
17	Porous silicon multilayer stacks for optical biosensing applications. <i>Microelectronics Journal</i> , 2004, 35, 45-48.	1.1	29
18	Recent developments in surface science and engineering, thin films, nanoscience, biomaterials, plasma science, and vacuum technology. <i>Thin Solid Films</i> , 2018, 660, 120-160.	0.8	27

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19	Chemical stabilization of porous silicon for enhanced biofunctionalization with immunoglobulin. <i>Science and Technology of Advanced Materials</i> , 2012, 13, 045009.	2.8	26
20	Functionality of porous silicon particles: Surface modification for biomedical applications. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2010, 169, 123-127.	1.7	25
21	Aging of porous silicon in physiological conditions: Cell adhesion modes on scaled 1D micropatterns. <i>Journal of Biomedical Materials Research - Part A</i> , 2012, 100A, 1615-1622.	2.1	25
22	Porous silicon based structures for the electrical biosensing of glucose. <i>Sensors and Actuators B: Chemical</i> , 2007, 126, 82-85.	4.0	24
23	Hybrid luminescent/magnetic nanostructured porous silicon particles for biomedical applications. <i>Journal of Biomedical Optics</i> , 2011, 16, 025002.	1.4	24
24	Microstructural and photocatalytic characterization of cement-paste sol-gel synthesized titanium dioxide. <i>Frontiers of Structural and Civil Engineering</i> , 2016, 10, 189-197.	1.2	23
25	Calcium phosphate coatings prepared by aerosol-gel. <i>Journal of the European Ceramic Society</i> , 2003, 23, 243-246.	2.8	22
26	Near ambient pressure X-ray photoelectron spectroscopy monitoring of the surface immobilization cascade on a porous silicon-gold nanoparticle FET biosensor. <i>Applied Surface Science</i> , 2019, 492, 362-368.	3.1	22
27	Microstructural study of aerosol-gel derived hydroxyapatite coatings. <i>New Biotechnology</i> , 2002, 19, 63-66.	2.7	21
28	Surface and interface analysis of hydroxyapatite/TiO ₂ biocompatible structures. <i>Materials Science and Engineering C</i> , 2003, 23, 451-454.	3.8	21
29	Nanostructured porous silicon-mediated drug delivery. <i>Expert Opinion on Drug Delivery</i> , 2014, 11, 1273-1283.	2.4	21
30	Nanostructuring surfaces with conjugated silica colloids deposited using silicon-based microcantilevers. <i>Nanotechnology</i> , 2005, 16, 525-531.	1.3	20
31	One step processing of aminofunctionalized gate oxides. <i>Biosensors and Bioelectronics</i> , 2007, 22, 2786-2789.	5.3	20
32	Surface Functionalization of Nanostructured Porous Silicon by APTS: Toward the Fabrication of Electrical Biosensors of Bacterium <i>Escherichia coli</i> . <i>Current Nanoscience</i> , 2011, 7, 178-182.	0.7	20
33	Gold nanoparticle triggered dual optoplasmonic-impedimetric sensing of prostate-specific antigen on interdigitated porous silicon platforms. <i>Sensors and Actuators B: Chemical</i> , 2018, 267, 559-564.	4.0	20
34	Acid/base Micropatterned Devices for pH-Dependent Biosensors. <i>Plasma Processes and Polymers</i> , 2005, 2, 334-339.	1.6	19
35	Chemically driven isothermal closed space vapor transport of MoO ₂ : thin films, flakes and <i>in situ</i> tellurization. <i>Journal of Materials Chemistry C</i> , 2018, 6, 6799-6807.	2.7	19
36	Sol-Gel-Deposited Ti-Doped ZnO: Toward Cell Fouling Transparent Conductive Oxides. <i>ACS Omega</i> , 2019, 4, 11354-11363.	1.6	19

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37	Testing biomaterials by the in-situ evaluation of cell response. <i>New Biotechnology</i> , 2002, 19, 239-242.	2.7	18
38	Development of human mesenchymal stem cells on DC sputtered titanium nitride thin films. <i>Journal of Materials Science: Materials in Medicine</i> , 2002, 13, 289-293.	1.7	18
39	Experimental and density functional theory study of the Li ⁺ desorption in spinel/layered lithium manganese oxide nanocomposites using HCl. <i>Chemical Engineering Journal</i> , 2022, 441, 136019.	6.6	18
40	Ion-beam treatment of PEO; towards a physically stabilized anti-fouling film. <i>Surface and Interface Analysis</i> , 2004, 36, 733-736.	0.8	17
41	Structured porous silicon sub-micrometer wells grown by colloidal lithography. <i>Europhysics Letters</i> , 2006, 76, 690-695.	0.7	17
42	Preparation of interfaces for TEM cross-section observation. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2007, 257, 623-626.	0.6	17
43	Towards the Development of Electrical Biosensors Based on Nanostructured Porous Silicon. <i>Materials</i> , 2010, 3, 755-763.	1.3	17
44	Characterization and cytocompatibility of hybrid aminosilane-agarose hydrogel scaffolds. <i>Biointerphases</i> , 2010, 5, 23-29.	0.6	17
45	Fabrication and characterization of a chemically oxidized-nanostructured porous silicon based biosensor implementing orienting protein A. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014, 115, 310-316.	2.5	17
46	Ion beam induced nanometric structure and oligopeptide adsorption on patterned polymer surfaces. <i>Materials Science and Engineering C</i> , 2003, 23, 779-786.	3.8	16
47	Aminofunctionalization and sub-micrometer patterning on silicon through silane doped agarose hydrogels. <i>Journal of Materials Chemistry</i> , 2009, 19, 5226.	6.7	16
48	Boosting the Near-Infrared Emission of Ag ₂ S Nanoparticles by a Controllable Surface Treatment for Bioimaging Applications. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 4871-4881.	4.0	16
49	Hydroxyapatite coatings obtained by the thermal activation of polymeric sols. <i>Solid State Sciences</i> , 2001, 3, 1153-1155.	0.8	15
50	Cellular response to oxygen containing biomedical polymers modified by Ar and He implantation. <i>Acta Biomaterialia</i> , 2007, 3, 735-743.	4.1	15
51	Nanostructured porous silicon micropatterns as a tool for substrate-conditioned cell research. <i>Nanoscale Research Letters</i> , 2012, 7, 396.	3.1	15
52	Biomimetic hierarchical micro/nano texturing of TiAlV alloys by femtosecond laser processing for the control of cell adhesion and migration. <i>Physical Review Materials</i> , 2020, 4, .	0.9	15
53	Nanostructured-porous-silicon-based two-dimensional photonic crystals. <i>Applied Physics Letters</i> , 2006, 89, 053126.	1.5	14
54	Design and characterization of biofunctional magnetic porous silicon flakes. <i>Acta Biomaterialia</i> , 2013, 9, 6169-6176.	4.1	14

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55	Calcium phosphate/porous silicon biocomposites prepared by cyclic deposition methods: Spin coating vs electrochemical activation. <i>Materials Science and Engineering C</i> , 2014, 34, 245-251.	3.8	14
56	Nanoporous silicon microparticles embedded into oxidized hyaluronic acid/adipic acid dihydrazide hydrogel for enhanced controlled drug delivery. <i>Microporous and Mesoporous Materials</i> , 2021, 310, 110634.	2.2	14
57	Characterization of biofunctional thin films deposited by activated vapor silanization. <i>Journal of Materials Research</i> , 2008, 23, 1931-1939.	1.2	13
58	Engineering of silicon surfaces at the micro- and nanoscales for cell adhesion and migration control. <i>International Journal of Nanomedicine</i> , 2012, 7, 623.	3.3	13
59	Hydrophobic perfluoro-silane functionalization of porous silicon photoluminescent films and particles. <i>Applied Surface Science</i> , 2016, 380, 243-248.	3.1	13
60	Controlling the Epitaxial Growth of Bi ₂ Te ₃ , BiTe, and Bi ₄ Te ₃ Pure Phases by Physical Vapor Transport. <i>Inorganic Chemistry</i> , 2018, 57, 10090-10099.	1.9	13
61	An evaluation of poly(ethylene-glycol) films stabilized by plasma and ion beam methods. <i>Applied Surface Science</i> , 2004, 235, 119-125.	3.1	12
62	Micro-spot, UV and wetting patterning pathways for applications of biofunctional aminosilane-titanate coatings. <i>Biomedical Microdevices</i> , 2007, 9, 287-294.	1.4	12
63	Tunnel conduction regimes, white-light emission and band diagram of porous silicon-zinc oxide nanocomposites. <i>Journal of Luminescence</i> , 2017, 191, 107-111.	1.5	12
64	Structural, optical and electrical properties of SnO ₂ doped TiO ₂ synthesized by the Sol-Gel method. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 3095-3103.	1.1	12
65	Polypropylene glycol is a selective binding inhibitor for LTA and other structurally related TLR2 agonists. <i>European Journal of Immunology</i> , 2008, 38, 797-808.	1.6	11
66	High Surface Water Interaction in Superhydrophobic Nanostructured Silicon Surfaces: Convergence between Nanoscopic and Macroscopic Scale Phenomena. <i>Langmuir</i> , 2012, 28, 1909-1913.	1.6	11
67	Synthesis and Characterization of SnO ₂ -TiO ₂ Nanocomposites Photocatalysts. <i>Current Nanoscience</i> , 2019, 15, 398-406.	0.7	11
68	Evaluation of Plasma Modified Polycaprolactone Honeycomb Scaffolds by Human Mesenchymal Stem Cells Cultured in Vitamin D Differentiation Medium. <i>Plasma Processes and Polymers</i> , 2010, 7, 794-801.	1.6	10
69	Laser fabrication of porous silicon-based platforms for cell culturing. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2013, 101, 1463-1468.	1.6	10
70	Nanotopography enhanced mobility determines mesenchymal stem cell distribution on micropatterned semiconductors bearing nanorough areas. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015, 126, 146-153.	2.5	10
71	Luminescence and fine structure correlation in ZnO permeated porous silicon nanocomposites. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 20597-20604.	1.3	10
72	Microwave plasma annealing of sol-gel deposited tantalum oxide and zinc oxide films. <i>Vacuum</i> , 2018, 149, 336-342.	1.6	10

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73	Microwave plasma and rapid thermal processing of indium-tin oxide thin films for enhancing their performance as transparent electrodes. <i>Journal of Photonics for Energy</i> , 2019, 9, 1.	0.8	10
74	Apatite films produced by electrodeposition: characterization by TEM and AFM. <i>Surface and Interface Analysis</i> , 2001, 31, 1104-1109.	0.8	9
75	Textured hydroxyapatite interface onto biomedical titanium-based coatings. <i>Journal of Biomedical Materials Research - Part A</i> , 2003, 64A, 600-605.	2.1	9
76	Bioactivity test for amine-based functionalized meso- and macro-porous silicon substrates. <i>Materials Science and Engineering C</i> , 2007, 27, 1211-1214.	3.8	9
77	MeV Si ion beam implantation as an effective patterning tool for the localized formation of porous silicon. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2012, 282, 25-28.	0.6	9
78	Loading the dice: The orientation of virus-like particles adsorbed on titanate assisted organosilanized surfaces. <i>Biointerphases</i> , 2019, 14, 011001.	0.6	9
79	Surface functionalisation by the condensation of hybrid titanate-â€‘amino sols. <i>Thin Solid Films</i> , 2002, 415, 253-257.	0.8	8
80	Activation of PCL Surface by Ion Beam Treatment to Enhance Protein Adsorption. <i>Journal of Bioactive and Compatible Polymers</i> , 2004, 19, 287-300.	0.8	8
81	Surface analysis of plasma-patterned biofunctional hybrid titanate-â€‘aminosilane xerogel films. <i>Journal of Colloid and Interface Science</i> , 2004, 275, 577-583.	5.0	8
82	Surface Characterization of Biopolymer Micropatterns Processed by Ion-Beam Modification and PECVD. <i>Chemical Vapor Deposition</i> , 2007, 13, 211-218.	1.4	8
83	Nanostructured Porous Silicon Photonic Crystal for Applications in the Infrared. <i>Journal of Nanotechnology</i> , 2012, 2012, 1-6.	1.5	8
84	Properties of bilayer contacts to porous silicon. <i>Applied Physics A: Materials Science and Processing</i> , 2012, 107, 293-300.	1.1	8
85	Electroless nanoworm Au films on columnar porous silicon layers. <i>Materials Chemistry and Physics</i> , 2012, 134, 664-669.	2.0	8
86	Reprogramming hMSCs morphology with silicon/porous silicon geometric micro-patterns. <i>Biomedical Microdevices</i> , 2014, 16, 229-236.	1.4	8
87	Photoassisted Immersion Deposition of Cu Clusters onto Porous Silicon: A Langmuir-â€‘Hill Ligand-â€‘Locus Model Applied to the Growth Kinetics. <i>Journal of Physical Chemistry C</i> , 2014, 118, 14905-14912.	1.5	8
88	Hydrothermal control of the lithium-rich $\text{Li}_{2}\text{MnO}_{3}$ phase in lithium manganese oxide nanocomposites and their application as precursors for lithium adsorbents. <i>Dalton Transactions</i> , 2021, 50, 10765-10778.	1.6	8
89	Hybrid titania-â€‘aminosilane platforms evaluated with human mesenchymal stem cells. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2007, 83B, 232-239.	1.6	7
90	$\text{TiN}_{x}\text{O}_{y}/\text{TiN}$ dielectric contrasts obtained by ion implantation of ; structural, optical and electrical properties. <i>Journal Physics D: Applied Physics</i> , 2011, 44, 235501.	1.3	7

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91	Visible Light Assisted Organosilane Assembly on Mesoporous Silicon Films and Particles. <i>Materials</i> , 2019, 12, 131.	1.3	7
92	Surface topographic and structural characterization of plasma treated PMAA-PMMA copolymer films. <i>Surface Science</i> , 2004, 560, 121-129.	0.8	6
93	Ordered arrays of nanocolumns grown by the oblique angle deposition technique on a self-assembled layer of polystyrene spheres. <i>Materials Letters</i> , 2009, 63, 197-199.	1.3	6
94	Characterization of hybrid cobalt-porous silicon systems: protective effect of the Matrix in the metal oxidation. <i>Nanoscale Research Letters</i> , 2012, 7, 495.	3.1	6
95	Polymerized nanoporous titania surfaces: modification of cell adhesion by acrylic acid functionalization. <i>Composite Interfaces</i> , 2012, 19, 251-258.	1.3	6
96	Surface Plasmon Resonance Study of Au Nanorod Structures Templated in Mesoporous Silicon. <i>Plasmonics</i> , 2013, 8, 35-40.	1.8	6
97	Corrosion behavior of sputter-deposited TiN thin films. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2003, 21, 1635-1638.	0.9	5
98	Plasma functionalization, surface characterization and protein retention of multiple-sized polymer beads. <i>Surface and Interface Analysis</i> , 2006, 38, 322-325.	0.8	5
99	Finite-thickness photonic crystals based on nanostructured porous silicon for optical sensing. <i>Journal of Nanophotonics</i> , 2009, 3, 031504.	0.4	5
100	Effects of He ⁺ ion implantation on surface properties of UV-cured Bis-GMA/TEGDMA bio-compatible resins. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2011, 269, 111-116.	0.6	5
101	Conditioned bio-interfaces of silicon/porous silicon micro-patterns lead to the chondrogenesis of hMSCs. <i>RSC Advances</i> , 2015, 5, 92263-92269.	1.7	5
102	Interface between cement paste and thin TiN film for corrosion resistance enhancement; structural, morphological and electrochemical properties. <i>Construction and Building Materials</i> , 2015, 80, 48-55.	3.2	5
103	Direct laser writing of nanorough cell microbarriers on anatase/Si and graphite/Si. <i>Materials Science and Engineering C</i> , 2016, 66, 8-15.	3.8	5
104	Compared Biocompatibility of ZnTiO ₃ , ZnO and TiO ₂ Sol-Gel Films with Human Mesenchymal Stem Cells. <i>MRS Advances</i> , 2016, 1, 737-742.	0.5	5
105	Biofunctional porous silicon micropatterns engineered through visible light activated epoxy capping and selective plasma etching. <i>Vacuum</i> , 2018, 150, 232-238.	1.6	5
106	Growth of out-of-plane standing MoTe ₂ (1-x)Se _{2x} /MoSe ₂ composite flake films by sol-gel nucleation of MoO _y and isothermal closed space telluro-selenization. <i>Applied Surface Science</i> , 2021, 546, 149076.	3.1	5
107	Microanalysis of Ar and He bombarded biomedical polymer films. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2007, 257, 496-500.	0.6	4
108	Surface modification, characterization and biofunctionality of pegylated titanate films obtained by the sol-gel method. <i>Surface and Interface Analysis</i> , 2008, 40, 205-209.	0.8	4

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109	Optimized allylamine deposition for improved pluripotential cell culture. <i>Vacuum</i> , 2011, 85, 1071-1075.	1.6	4
110	Microstructure based optical modeling of ZnO- porous silicon permeated nanocomposites. <i>Journal Physics D: Applied Physics</i> , 2015, 48, 295102.	1.3	4
111	Biofouling Properties of Nitroxide-Modified Amorphous Carbon Surfaces. <i>ACS Biomaterials Science and Engineering</i> , 2016, 2, 1976-1982.	2.6	4
112	Electrical behavior of nickel/carbon nanocomposite thin films. <i>Carbon</i> , 2017, 111, 878-886.	5.4	4
113	Porous Silicon Bragg Reflector and 2D Gold-Polymer Nanograting: A Route Towards a Hybrid Optoplasmonic Platform. <i>Nanomaterials</i> , 2019, 9, 1017.	1.9	4
114	Laser writing of nanostructured silicon arrays for the SERS detection of biomolecules with inhibited oxidation. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 174, 174-180.	2.5	4
115	Plasma Fabrication and SERS Functionality of Gold Crowned Silicon Submicrometer Pillars. <i>Materials</i> , 2020, 13, 1244.	1.3	4
116	Engineering nanostructured cell micropatterns on Ti6Al4V by selective ion-beam inhibition of pitting. <i>Corrosion Science</i> , 2020, 167, 108528.	3.0	4
117	Smart modification of magnetron sputtered TiN surfaces for stimulated differentiation. <i>Surface and Coatings Technology</i> , 2008, 203, 905-908.	2.2	3
118	Application of hybrid agarose-aminosilane gels to the biofunctionalization of honeycomb-structured polycaprolactone scaffolds. <i>Surface and Interface Analysis</i> , 2010, 42, 448-451.	0.8	3
119	A fibrinogen biosensing platform based on plasmonic Ga nanoparticles and aminosilane-titanate antibody trapping. <i>Medical Devices & Sensors</i> , 2020, 3, e10083.	2.7	3
120	Porous Silicon Devices for the Electrical Biosensing of <i>Escherichia Coli</i> . <i>Sensor Letters</i> , 2010, 8, 387-391.	0.4	3
121	Ion beam induced crystal-edge nanoclusters at the origin of poly(ethylene glycol) film stabilization. <i>Applied Surface Science</i> , 2006, 253, 810-813.	3.1	2
122	Study of the formation mechanism of hierarchical silicon structures produced by sequential ion beam irradiation and anodic etching. <i>Vacuum</i> , 2017, 138, 238-243.	1.6	2
123	Bringing immuno-assemblies to optoelectronics: sandwich assay integration of a nanostructured porous-silicon/gold-nanoparticle phototransistor. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2021, 271, 115271.	1.7	2
124	Preparation, modification and cellular evaluation of PEG-PEGd supports with titania nanoparticle loads. <i>Surface and Interface Analysis</i> , 2010, 42, 481-485.	0.8	1
125	A multi-ion beam microanalysis approach for the characterization of plasma polymerized allylamine films. <i>EPJ Applied Physics</i> , 2011, 56, 24021.	0.3	1
126	Montecarlo Simulation and HAXPES Analysis of Organosilane Segregation in Titania Xerogel Films; Towards a Generic Surface Chemofunctionalization Process. <i>Surfaces</i> , 2020, 3, 352-365.	1.0	1

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127	Self-Organized In-Depth Gradients in Highly Ti-Doped ZnO Films: Thermal Versus MW Plasma Annealing. Coatings, 2020, 10, 418.	1.2	1
128	Nanostructured porous silicon-based dual luminescent/magnetic particles for biomedical tracking. Proceedings of SPIE, 2010, , .	0.8	0
129	A hybrid approach to the surface biofunctionalization of nanostructured porous alumina. Physica Status Solidi C: Current Topics in Solid State Physics, 2010, 7, 206-209.	0.8	0
130	Controlled skeletal progenitor cell migration on nanostructured porous silicon/silicon micropatterns. Proceedings of SPIE, 2011, , .	0.8	0
131	Organo-Silane Self-Assembly on Porous Silicon and Silica Particle based Sensors. World Scientific Series in Nanoscience and Nanotechnology, 2019, , 305-327.	0.1	0
132	Regulating cell function through micro- and nanostructured transition metal oxides. , 2022, , 371-405.		0