F Javier Palomares

List of Publications by Year
in descending order

143 papers	2,891 citations	147786 31 h-index	206102 48 g-index
145 all docs	145 docs citations	145 times ranked	4748 citing authors

#	Article	IF	Citations
1	Fullerenes from aromatic precursors by surface-catalysed cyclodehydrogenation. Nature, 2008, 454, 865-868.	27.8	291
2	Supported Graphene from Natural Resources: Easy Preparation and Applications. Advanced Materials, 2011, 23, 5250-5255.	21.0	149
3	Electrochemical growth of Acidithiobacillus ferrooxidans on a graphite electrode for obtaining a biocathode for direct electrocatalytic reduction of oxygen. Biosensors and Bioelectronics, 2010, 26, 877-880.	10.1	113
4	Magnetic and structural properties of spin-reorientation transitions in orthoferrites. Journal of Applied Physics, 2007, 101, 123919.	2.5	93
5	Atomically flat SrO-terminated SrTiO3(001) substrate. Applied Physics Letters, 2009, 95, .	3.3	87
6	PPO15-PEO22-PPO15 block copolymer assisted synthesis of monolithic macro- and microporous carbon aerogels exhibiting high conductivity and remarkable capacitance. Journal of Materials Chemistry, 2009, 19, 1236.	6.7	82
7	Changes in the passive layer of corrugated austenitic stainless steel of low nickel content due to exposure to simulated pore solutions. Corrosion Science, 2009, 51, 785-792.	6.6	79
8	DIFFRACTION AND HOLOGRAPHY WITH PHOTOELECTRONS AND FLUORESCENT X-RAYS. Progress in Surface Science, 1997, 54, 341-386.	8.3	68
9	Oxidation State and Local Structure of Ti-Based Additives in the Reactive Hydride Composite 2LiBH₄ + MgH₂. Journal of Physical Chemistry C, 2010, 114, 3309-3317.	3.1	66
10	Structure of GaAs(100)-c(8Ã—2)-Ga. Physical Review Letters, 1995, 75, 665-668.	7.8	49
11	Mn valence instability inLa2âˆ•3Ca1âˆ•3MnO3thin films. Physical Review B, 2006, 73, .	3.2	48
12	Highly selective covalent organic functionalization of epitaxial graphene. Nature Communications, 2017, 8, 15306.	12.8	45
13	Direct structure analysis of W(110)-(1Ã—1)-O by full solid-angle X-ray photoelectron diffraction with chemical-state resolution. Surface Science, 1998, 408, 260-267.	1.9	44
14	Disorder effect on the magnetic behavior of mechanically alloyed<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mi mathvariant="normal">Fe</mml:mi><mml:mrow><mml:mn>1</mml:mn><mml:mo>â^’</mml:mo><mml:mi>x</mml:mi></mml:mrow><mml:mathvariant="normal">Al</mml:mi><mml:mi>x</mml:mi></mml:msub></mml:mrow></mml:math><mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"		

#	Article	IF	Citations
19	CuO nanowires for inhibiting secondary electron emission. Journal Physics D: Applied Physics, 2013, 46, 165104.	2.8	42
20	Superparamagnetic nanosorbent for water purification: Assessment of the adsorptive removal of lead and methyl orange from aqueous solutions. Science of the Total Environment, 2020, 711, 134644.	8.0	38
21	Observation of a Ferromagnetic-to-Paramagnetic Phase Transition on a Ferromagnetic Surface Using Spin-Polarized Photoelectron Diffraction: Gd(0001). Physical Review Letters, 1998, 81, 2360-2363.	7.8	37
22	Circular dichroism in core-level emission from O/W(110): Experiment and theory. Physical Review B, 1998, 58, 9662-9665.	3.2	37
23	Magneto-optical and magnetoplasmonic properties of epitaxial and polycrystalline Au/Fe/Au trilayers. Physical Review B, 2011, 83, .	3.2	37
24	Nanopatterning dynamics on Si(100) during oblique 40-keV Ar<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mrow /><mml:mo>+</mml:mo></mml:msup></mml:math>erosion with metal codeposition: Morphological and compositional correlation. Physical Review B, 2012, 86, .	3.2	37
25	Press-transferred carbon black nanoparticles for class-selective antioxidant electrochemical detection. Applied Materials Today, 2017, 9, 29-36.	4.3	37
26	Fenton-like degradation enhancement of methylene blue dye with magnetic heating induction. Journal of Electroanalytical Chemistry, 2020, 879, 114773.	3.8	37
27	Coupling between magnetic and optical properties of stable Auâ€“Fe solid solution nanoparticles. Nanotechnology, 2010, 21, 165701.	2.6	36
28	Soft x-ray absorption spectroscopy study of oxide layers on titanium alloys. Surface and Interface Analysis, 2002, 33, 570-576.	1.8	34
29	Production of nanohole/nanodot patterns on Si(001) by ion beam sputtering with simultaneous metal incorporation. Journal of Physics Condensed Matter, 2009, 21, 224009.	1.8	34
30	On the limits of uniaxial magnetic anisotropy tuning by a ripple surface pattern. Journal of Applied Physics, 2014, 115, 183906.	2.5	33
31	Kinetics and atomic structure of O adsorption on W(110) from time- and state-resolved photoelectron spectroscopy and full-solid-angle photoelectron diffraction. Surface Science, 2000, 459, 69-92.	1.9	32
32	Transparent Alumina/Ceria Nanocomposites By Spark Plasma Sintering. Advanced Engineering Materials, 2010, 12, 1154-1160.	3.5	31
33	Core@shell, Au@TiO_xnanoparticles by gas phase synthesis. Nanoscale, 2017, 9, 6463-6470.	5.6	29
34	Correlation between Nâ€Š1s core level x-ray photoelectron and x-ray absorption spectra of amorphous carbon nitride films. Applied Physics Letters, 2000, 77, 803-805.	3.3	28
35	PHOTOELECTRON DIFFRACTION: SPACE, TIME, AND SPIN DEPENDENCE OF SURFACE STRUCTURES. Surface Review and Letters, 1997, 04, 421-440.	1.1	27
36	Coercivity in SmCo hard magnetic films for MEMS applications. Journal of Magnetism and Magnetic Materials, 2005, 290-291, 1234-1236.	2.3	27

#	Article	IF	Citations
37	Synthesis and Characterization of Blue Faceted Anatase Nanoparticles through Extensive Fluorine Lattice Doping. Journal of Physical Chemistry C, 2015, 119, 21243-21250.	3.1	27
38	Direct Patterning of p-Type-Doped Few-layer WSe₂ Nanoelectronic Devices by Oxidation Scanning Probe Lithography. ACS Applied Materials & Interfaces, 2018, 10, 40054-40061.	8.0	27
39	Combined x-ray photoelectron spectroscopy and scanning electron microscopy studies of the LiBH4â€“MgH2 reactive hydride composite with and without a Ti-based additive. Journal of Applied Physics, 2011, 109, .	2.5	25
40	Core/Shell Magnetite/Bismuth Oxide Nanocrystals with Tunable Size, Colloidal, and Magnetic Properties. Chemistry of Materials, 2012, 24, 319-324.	6.7	25
41	Improvement in Heavy Metal Removal from Wastewater Using an External Magnetic Inductor. Nanomaterials, 2019, 9, 1508.	4.1	23
42	Effect of the low magnetic field on the electrodeposition of CoxNi100â^'x alloys. Materials Characterization, 2015, 105, 136-143.	4.4	22
43	Circular dichroism in core photoelectron emission from (1Ã—1) oxygen on W(110): experiment and multiple-scattering theory. Journal of Electron Spectroscopy and Related Phenomena, 2000, 106, 7-28.	1.7	20
44	Structure determination for saturated (1Ã—1) oxygen on W(110) from full solid angle photoelectron diffraction with chemical-state resolution. Surface Science, 1999, 442, 27-35.	1.9	18
45	Interface alloying effects in the magnetic properties of Fe nanoislands capped with different materials. Physical Review B, 2008, 78, .	3.2	18
46	Control of magnetization reversal by combining shape and magnetocrystalline anisotropy in epitaxial Fe planar nanowires. Nanotechnology, 2010, 21, 255301.	2.6	18
47	Characterization of GaAs(100) surfaces by AES and LEED. Surface Science, 1991, 251-252, 145-149.	1.9	17
48	Anisotropic polymer bonded hard-magnetic films for microelectromechanical system applications. Journal of Applied Physics, 2006, 99, 08N303.	2.5	17
49	Light Emission from Nanocrystalline Si Inverse Opals and Controlled Passivation by Atomic Layer Deposited Al₂O₃. Advanced Materials, 2011, 23, 5219-5223.	21.0	17
50	Spectroscopic evidence of NOx formation and band-gap narrowing in N-doped TiO2 films grown by pulsed magnetron sputtering. Materials Chemistry and Physics, 2012, 136, 729-736.	4.0	17
51	Coercivity mechanisms in lithographed antidot arrays. Europhysics Letters, 2008, 84, 67002.	2.0	16
52	Reduction of Intrinsic Electron Emittance from Photocathodes Using Ordered Crystalline Surfaces. Physical Review Letters, 2017, 118, 164802.	7.8	16
53	Size-selective breaking of the coreâ€“shell structure of gallium nanoparticles. Nanotechnology, 2018, 29, 355707.	2.6	16
54	Magnetic Hysteresis in ErFeO$_3$ Near the Low Temperature Erbium Ordering Transition. IEEE Transactions on Magnetics, 2008, 44, 2933-2935.	2.1	15

#	Article	IF	Citations
55	SiO2growth on GaAs by reduction of GaAs oxides: Separation of stoichiometric changes fromSiO2/GaAs band-lineup effects. Physical Review B, 1994, 49, 11117-11126.	3.2	14
56	Photoelectron holography analysis of W(110)(1Ã—1)â€“O surface. Surface Science, 2001, 470, 189-196.	1.9	14
57	Scaling of the coercivity with the geometrical parameters in epitaxial Fe antidot arrays. Journal of Applied Physics, 2012, 111, 073908.	2.5	14
58	Tuning Eu3+ emission in europium sesquioxide films by changing the crystalline phase. Applied Surface Science, 2016, 374, 71-76.	6.1	14
59	Highly photoactive anatase nanoparticles obtained using trifluoroacetic acid as an electron scavenger and morphological control agent. Journal of Materials Chemistry A, 2013, 1, 14358.	10.3	13
60	Adsorption of chromium(VI) onto electrochemically obtained magnetite nanoparticles. International Journal of Environmental Science and Technology, 2015, 12, 4017-4024.	3.5	13
61	ARPES study of the surface states from Au/Ag(): evolution with coverage and photon energy. Surface Science, 2002, 513, 283-294.	1.9	12
62	Influence of metal co-deposition on silicon nanodot patterning dynamics during ion-beam sputtering. Nanotechnology, 2014, 25, 415301.	2.6	12
63	Self-organised silicide nanodot patterning by medium-energy ion beam sputtering of Si(100): local correlation between the morphology and metal content. Nanotechnology, 2016, 27, 444001.	2.6	12
64	Formation and stability of the Cu(110)+c(2Ã—2)-Si surface alloy studied by high resolution XPS. Surface Science, 2000, 454-456, 778-782.	1.9	11
65	Radio- and nano-chemistry of aqueous Ga(<scp>iii</scp>) ions anchored onto graphene oxide-modified complexes. Nanoscale, 2020, 12, 6603-6608.	5.6	11
66	Initial stages of heterojunction formation: Si on GaAs(100). Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 1991, 9, 939-943.	2.1	10
67	Magnetic properties of ball milled Cu70Fe15Mn15. Journal of Magnetism and Magnetic Materials, 2005, 290-291, 602-605.	2.3	10
68	Surface Chemistry of Ion Irradiated and Heatâ€Treated Mulliteâ€Type Bi₂Ga₄O₉ Single Crystals. Journal of the American Ceramic Society, 2009, 92, 2993-2998.	3.8	10
69	Lowâ€Temperature Aging Degradationâ€Free 3Yâ€TZP/Nb Composites. Journal of the American Ceramic Society, 2010, 93, 1842-1844.	3.8	10
70	Characterization and corrosion behaviour of CoNi alloys obtained by mechanical alloying. Materials Characterization, 2014, 93, 79-86.	4.4	10
71	Surface morphology of molybdenum silicide films upon low-energy ion beam sputtering. Journal of Physics Condensed Matter, 2018, 30, 264003.	1.8	10
72	Self-organized surface nanopatterns on Cd(Zn)Te crystals induced by medium-energy ion beam sputtering. Journal Physics D: Applied Physics, 2013, 46, 455302.	2.8	9

#	Article	IF	Citations
73	A stigmatic ultraviolet-visible monochromator for use with a high brightness laser driven plasma light source. Review of Scientific Instruments, 2013, 84, 085114.	1.3	9
74	Full solid angle photoelectron diffraction from bulk and surface atoms of clean W(110). Surface Science, 1999, 441, 301-310.	1.9	8
75	Thermal dependence of coercivity in Co-based nanostructures. Journal of Magnetism and Magnetic Materials, 2000, 221, 172-177.	2.3	8
76	Spatial and chemical interface asymmetry in Fe/MgO/Fe(001) heterostructures. Journal of Applied Physics, 2005, 97, 036104.	2.5	8
77	Broadband Magnetic Response of Periodic Arrays of FeNi Dots. IEEE Transactions on Magnetics, 2008, 44, 3063-3066.	2.1	8
78	Adsorption and coupling of 4-aminophenol on Pt(111) surfaces. Surface Science, 2016, 646, 5-12.	1.9	8
79	Thermal effects on the growth of SiO2 on GaAs(100) by reduction of native oxides. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 1993, 11, 1028-1032.	2.1	7
80	Electron-beam-induced reactions at O2/GaAs(1 0 0) interfaces. Surface Science, 2001, 482-485, 121-127.	1.9	7
81	Experimental and computational analysis of the angular dependence of the hysteresis processes in an antidots array. Journal of Applied Physics, 2006, 99, 08S503.	2.5	7
82	Concurrent segregation and erosion effects in medium-energy iron beam patterning of silicon surfaces. Journal of Physics Condensed Matter, 2018, 30, 274001.	1.8	7
83	Dynamic magnetic properties of amorphous Fe80B20 thin films and their relation to interfaces. AIP Advances, 2020, 10, 015013.	1.3	7
84	A LEED study of c(2 Ã— 2) Cu and Ag/Mo(100). Surface Science, 1992, 269-270, 713-718.	1.9	6
85	Electronic Structure and Size of TiO 2 Nanoparticles of Controlled Size Prepared by Aerosol Methods. Monatshefte FÃ¼r Chemie, 2002, 133, 849-857.	1.8	6
86	Structural, chemical and magnetic characterization of iron nitride thin films. Surface and Interface Analysis, 2006, 38, 392-395.	1.8	6
87	Preparation of hard magnetic materials in thin film form. Journal of Magnetism and Magnetic Materials, 2008, 320, 1966-1971.	2.3	6
88	Ferromagnetic resonance of ultrathin Coâ•Ag superlattices on Si(111). Journal of Applied Physics, 2008, 103, 07B527.	2.5	6
89	Unexpected Optical Blue Shift in Large Colloidal Quantum Dots by Anionic Migration and Exchange. Journal of Physical Chemistry Letters, 2018, 9, 3124-3130.	4.6	6
90	Ultra-thin NaCl films as protective layers for graphene. Nanoscale, 2019, 11, 16767-16772.	5.6	6

#	Article	IF	Citations
91	Disposable carbon nanotube scaffold films for fast and reliable assessment of total Î±1-acid glycoprotein in human serum using adsorptive transfer stripping square wave voltammetry. Analytical and Bioanalytical Chemistry, 2019, 411, 1887-1894.	3.7	6
92	Highly ordered silicide ripple patterns induced by medium-energy ion irradiation. Physical Review B, 2020, 102, .	3.2	6
93	Synthesis and sintering at low temperature of a new nanostructured beta-Eucryptite dense compact by spark plasma sintering. Ceramics International, 2020, 46, 18469-18477.	4.8	6
94	Spin waves excitation at micron-sized, anisotropy modified regions in amorphous Fe80B20 stripes: Local properties and inter-regions coupling. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2021, 271, 115258.	3.5	6
95	Role of the metal supply pathway on silicon patterning by oblique ion beam sputtering. Applied Surface Science, 2022, 580, 152267.	6.1	6
96	Crystallization and magnetic hardening of SmCo thin films. Journal of Non-Crystalline Solids, 2007, 353, 786-789.	3.1	5
97	Magnetic properties of ball-milled Fe0.6Mn0.1Al0.3 alloys. Journal of Magnetism and Magnetic Materials, 2007, 316, e418-e421.	2.3	5
98	Effects of He+ ion implantation on surface properties of UV-cured Bis-GMA/TEGDMA bio-compatible resins. Nuclear Instruments & Methods in Physics Research B, 2011, 269, 111-116.	1.4	5
99	Ferromagnetic resonance and magnetooptic study of submicron epitaxial Fe(001) stripes. Journal of Applied Physics, 2012, 111, .	2.5	5
100	Physicochemical Characterization of Acidiphilium sp. Biofilms. ChemPhysChem, 2013, 14, 1237-1244.	2.1	5
101	A superconducting/magnetic hybrid rectifier based on Fe single-crystal nanocentres: role of magnetic and geometric asymmetries. Journal Physics D: Applied Physics, 2013, 46, 095302.	2.8	5
102	Directed Molecular Stacking for Engineered Fluorescent Threeâ€Dimensional Reduced Graphene Oxide and Coronene Frameworks. ChemistryOpen, 2019, 8, 1383-1398.	1.9	5
103	Role of the interfaces in the crystallization and hysteresis mechanisms of amorphous Fe-B thin films. Journal of Alloys and Compounds, 2021, 869, 159276.	5.5	5
104	Temperature dependence of the hysteretic properties in SmCo films. Journal of Magnetism and Magnetic Materials, 2004, 272-276, E833-E835.	2.3	4
105	Magnetoresistance in Granular Coâ€“Cu Glass-Coated Microwires. IEEE Transactions on Magnetics, 2004, 40, 2254-2256.	2.1	4
106	Temperature dependence of the magnetic properties in LaMnO3+Î´. Journal of Applied Physics, 2006, 99, 08A702.	2.5	4
107	Optimizing magneto-optical activity and optical losses in metal-dielectric magnetoplasmonic nanodisks. , 2012, , .		4
108	Breaking the configurational anisotropy in Fe single crystal nanomagnets. Applied Physics Letters, 2014, 104, .	3.3	4

#	Article	IF	Citations
109	On-surface self-organization of a robust metalâ€“organic cluster based on copper(<scp>i</scp>) with chloride and organosulphur ligands. Chemical Communications, 2015, 51, 3243-3246.	4.1	4
110	SPS driven lithium differential diffusion in NASICON-like structures. Boletin De La Sociedad Espanola De Ceramica Y Vidrio, 2016, 55, 38-44.	1.9	4
111	Effect of the Medium Composition on the Zn2+ Lixiviation and the Antifouling Properties of a Glass with a High ZnO Content. Materials, 2017, 10, 167.	2.9	4
112	Tailoring the visible light photoactivity of un-doped defective TiO2 anatase nanoparticles through a simple two-step solvothermal process. Nanotechnology, 2019, 31, 045603.	2.6	4
113	Shedding Light Onto the Nature of Iron Decorated Graphene and Graphite Oxide Nanohybrids for CO₂ Conversion at Atmospheric Pressure. ChemistryOpen, 2020, 9, 242-252.	1.9	4
114	Polarization measurement and vertical aperture optimization for obtaining circularly polarized bendâ€magnet radiation. Review of Scientific Instruments, 1996, 67, 3363-3363.	1.3	3
115	Barrier characteristic in Nb/Ni planar tunnel junctions. Journal of Magnetism and Magnetic Materials, 2005, 286, 146-149.	2.3	3
116	On the Effect of Nanocrystallization and Disorder on the Magnetic Properties of Cu-Rich, FeMnCu Alloys. Journal of Nanoscience and Nanotechnology, 2007, 7, 610-617.	0.9	3
117	Phase Selectivity in Cr and N Co-Doped TiO2 Films by Modulated Sputter Growth and Post-Deposition Flash-Lamp-Annealing. Coatings, 2019, 9, 448.	2.6	3
118	Low temperature superspin glass behavior in a Co/Ag multilayer. AIP Advances, 2019, 9, 125327.	1.3	3
119	Trade-off analysis of C12A7:eâ¯ deposition techniques applied to Low Work Function Tethers. Acta Astronautica, 2020, 177, 806-812.	3.2	3
120	Temperature dependence of the magnetic interactions taking place in monodisperse magnetite nanoparticles having different morphologies. AIP Advances, 2021, 11, .	1.3	3
121	Antiphase resonance at X-ray irradiated microregions in amorphous Fe80B20 stripes. Journal of Magnetism and Magnetic Materials, 2021, 520, 167017.	2.3	3
122	Modification of the Mechanical Properties of Coreâ€Shell Liquid Gallium Nanoparticles by Thermal Oxidation at Low Temperature. Particle and Particle Systems Characterization, 2021, 38, 2100141.	2.3	3
123	DIRECT PHOTODEPOSITION OF NANOSTRUCTURED TIO2 THIN FILMS FROM B-DIKETONATE COMPLEXES, AND THEIR PHOTOCATALYTIC BEHAVIOUR. Journal of the Chilean Chemical Society, 2004, 49, .	1.2	3
124	Formation of SiO2/GaAs(100) interfaces by electron stimulated oxidation of ultrathin Si overlayers: Subcutaneous oxidation processes. Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena, 1992, 10, 2201.	1.6	2
125	Crossover from local to collective magnetic relaxation modes in Co/Ni multilayers. Journal of Magnetism and Magnetic Materials, 2002, 242-245, 518-520.	2.3	2
126	Polymer Bonded Anisotropic Thick Hard Films for Micromotors/Microgenerators. Journal of Iron and Steel Research International, 2006, 13, 240-251.	2.8	2

#	Article	IF	Citations
127	Low temperature study of micrometric powder of melted Fe50Mn10Al40 alloy. Physica B: Condensed Matter, 2012, 407, 2306-2312.	2.7	2
128	Slow magnetic relaxation in well crystallized, monodispersed, octahedral and spherical magnetite nanoparticles. AIP Advances, 2019, 9, 125143.	1.3	2
129	Siliconâ€Based Photonic Architectures from Hierarchically Porous Carbon Opals. Particle and Particle Systems Characterization, 2020, 37, 1900396.	2.3	2
130	Highâ€resolution beamline 9.3.2 in the energy range 30â€“1500 eV at the Advanced Light Source: Design and performance. Review of Scientific Instruments, 1996, 67, 3372-3372.	1.3	1
131	Some open problems related to the link between structure, morphology and extrinsic magnetic properties in layered nanostructures. Physica B: Condensed Matter, 2001, 299, 270-279.	2.7	1
132	Layer thickness and magnetic relaxation properties in sputtered Co/Ni multilayers. Journal of Magnetism and Magnetic Materials, 2001, 226-230, 1792-1794.	2.3	1
133	Thermally activated demagnetization in elongated oxide-coated metal particles. Journal of Magnetism and Magnetic Materials, 2004, 272-276, 1528-1529.	2.3	1
134	Thermal dependence of coercivity in granular CoNiCu glass coated microwires. Journal of Magnetism and Magnetic Materials, 2007, 310, e867-e869.	2.3	1
135	Observation of dynamical spin-dependent electron interactions and screening in magnetic transitions via core-level multiplet-energy separations. Journal of Electron Spectroscopy and Related Phenomena, 2013, 189, 152-156.	1.7	1
136	Nanostructured Magnetic Materials. Journal of Nanomaterials, 2013, 2013, 1-2.	2.7	1
137	The role of the oxide shell in the chemical functionalization of plasmonic gallium nanoparticles. Proceedings of SPIE, 2017, , .	0.8	1
138	Improved Suzukiâ€“Miyaura reaction conversion efficiency using magnetic nanoparticles and inductive heating. Journal of Materials Science, 2022, 57, 241-253.	3.7	1
139	Coercivity and morphology in Fe/NiO films deposited on nanoporous Al2O3 membranes. Boletin De La Sociedad Espanola De Ceramica Y Vidrio, 2015, 54, 241-246.	1.9	0
140	Remanence enhancement for stray field-based applications in arrays of crystalline nanomagnets. Journal Physics D: Applied Physics, 2019, 52, 095002.	2.8	0
141	Magnetization reversal mechanisms in Fe/NiO bilayers grown onto nanoporous alumina membranes and Si wafers. AIP Advances, 2020, 10, 015113.	1.3	0
142	Local coercivity at X-ray nanobeam irradiated regions in amorphous Fe80B20 stripes. AIP Advances, 2021, 11, 015318.	1.3	0
143	Critical magnetic behavior in [Ag8/Co0.5]x64, [Ag8/Co1]x32 and [Ag16/Co1]x32 epitaxial multilayers. AIP Advances, 2021, 11, 025220.	1.3	0