MarÃ-a de los Ãngeles MartÃ-nez

List of Publications by Year
in descending order

50	1,732	218677	276875
papers	citations	26	41
		h-index	g-index

51	51	51	2202
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Deposition of transparent and conductive Al-doped ZnO thin films for photovoltaic solar cells. Solar Energy Materials and Solar Cells, 1997, 45, 75-86.	6.2	176
2	Uptake of perfluoroalkyl substances and halogenated flame retardants by crop plants grown in biosolids-amended soils. Environmental Research, 2017, 152, 199-206.	7.5	110
3	Organophosphate compounds, polybrominated diphenyl ethers and novel brominated flame retardants in European indoor house dust: Use, evidence for replacements and assessment of human exposure. Journal of Hazardous Materials, 2020, 382, 121009.	12.4	90
4	Photovoltaic windows by chemical bath deposition. Thin Solid Films, 2000, 361-362, 28-33.	1.8	73
5	SnO 2 substrate effects on the morphology and composition of chemical bath deposited ZnSe thin films. Thin Solid Films, 2000, 361-362, 177-182.	1.8	68
6	Bioaccumulation of emerging organic compounds (perfluoroalkyl substances and halogenated flame) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	7.5	65
7	Morphological and structural studies of CBD-CdS thin films by microscopy and diffraction techniques. Applied Surface Science, 1998, 136, 8-16.	6.1	62
8	Dechlorane-Related Compounds in Franciscana Dolphin (Pontoporia blainvillei) from Southeastern and Southern Coast of Brazil. Environmental Science & Technology, 2012, 46, 12364-12372.	10.0	51
9	Preparation of Indium Hydroxy Sulfide In x â€‰(â€‰â€‰OHâ€‰â€‰)â€‰ y â€‰Sâ€‰ z Thin Films by Chemical Bath Deposition of the Electrochemical Society, 1998, 145, 2775-2779.	2.9	50
10	Accurate control of thin film CdS growth process by adjusting the chemical bath deposition parameters. Thin Solid Films, 1998, 335, 37-42.	1.8	49
11	Traditional and novel halogenated flame retardants in urban ambient air: Gas-particle partitioning, size distribution and health implications. Science of the Total Environment, 2018, 630, 154-163.	8.0	47
12	Gas/particle partitioning and particle size distribution of PCDD/Fs and PCBs in urban ambient air. Science of the Total Environment, 2018, 624, 170-179.	8.0	47
13	High accumulation of PCDD, PCDF, and PCB congeners in marine mammals from Brazil: A serious PCB problem. Science of the Total Environment, 2013, 463-464, 309-318.	8.0	45
14	Cadmium sulphide growth investigations on different SnO2 substrates. Applied Surface Science, 1999, 140, 182-189.	6.1	44
15	Identification and trace level determination of brominated flame retardants by liquid chromatography/quadrupole linear ion trap mass spectrometry. Rapid Communications in Mass Spectrometry, 2008, 22, 916-924.	1.5	44
16	Concentrations and sources of Dechlorane Plus in sewage sludge. Chemosphere, 2011, 82, 692-697.	8.2	44
17	Effect of r.f.-sputtered Mo substrate on the microstructure of electrodeposited CuInSe2 thin films. Surface and Coatings Technology, 1998, 110, 62-67.	4.8	43
18	Occurrence and human exposure assessment of perfluorinated substances in house dust from three European countries. Science of the Total Environment, 2019, 685, 308-314.	8.0	43

#	Article	IF	Citations
19	Sources and behaviour of polybrominated diphenyl ethers (PBDEs), polychlorinated dibenzo-p-dioxins and dibenzofurans (PCDD/Fs) in Spanish sewage sludge. Waste Management, 2011, 31, 1277-1284.	7.4	36
20	Optimisation of indium tin oxide thin films for photovoltaic applications. Thin Solid Films, 1995, 269, 80-84.	1.8	35
21	Time trends of persistent organic pollutants in spanish air. Environmental Pollution, 2016, 217, 26-32.	7.5	33
22	Environmental risk assessment of neonicotinoids in surface water. Science of the Total Environment, 2022, 809, 151161.	8.0	32
23	Analysis of perfluorinated alkyl substances in Spanish sewage sludge by liquid chromatographyâ€“tandem mass spectrometry. Analytical and Bioanalytical Chemistry, 2011, 400, 1277-1286.	3.7	30
24	Electrochemical stability of indium tin oxide thin films. Electrochimica Acta, 1992, 37, 2565-2571.	5.2	29
25	Post-deposition annealing effects in RF reactive magnetron sputtered indium tin oxide thin films. Solar Energy Materials and Solar Cells, 1992, 26, 309-321.	6.2	28
26	Distribution and biological impact of dioxin-like compounds in risk zones along the Ebro River basin (Spain). Chemosphere, 2008, 71, 1156-1161.	8.2	27
27	Properties of RF sputtered zinc oxide based thin films made from different targets. Solar Energy Materials and Solar Cells, 1994, 31, 489-498.	6.2	25
28	Optimization of quadrupole ion storage mass spectrometric conditions for the analysis of selected polybrominated diphenyl ethers. Comparative approach with negative chemical ionization and electron impact mass spectrometry. Journal of Mass Spectrometry, 2004, 39, 1168-1175.	1.6	24
29	Concentrations and sources of an emerging pollutant, decabromodiphenylethane (DBDPE), in sewage sludge for land application. Journal of Environmental Sciences, 2012, 24, 558-563.	6.1	23
30	Organochlorine pesticides air monitoring near a historical lindane production site in Spain. Science of the Total Environment, 2019, 670, 1001-1007.	8.0	23
31	Comparison between large area dc-magnetron sputtered and e-beam evaporated molybdenum as thin film electrical contacts. Journal of Materials Processing Technology, 2003, 143-144, 326-331.	6.3	21
32	Perfluoroalkyl acids (PFAAs): Distribution, trends and aquatic ecological risk assessment in surface water from Tagus River basin (Spain). Environmental Pollution, 2020, 256, 113511.	7.5	19
33	Chemical changes of ITO/p and ZnO/p interfaces as a function of deposition parameters. Surface and Coatings Technology, 1998, 110, 68-72.	4.8	18
34	Polybrominated diphenyl ethers and their methoxylated and hydroxylated analogs in Brown Bullhead (Ameiurus nebulosus) plasma from Lake Ontario. Chemosphere, 2013, 90, 1644-1651.	8.2	18
35	CuInSe2 thin films obtained by a novel electrodeposition and sputtering combined method. Vacuum, 2000, 58, 594-601.	3.5	17
36	Chemistry of CdS/CuInSe[sub 2] Structures as Controlled by the CdS Deposition Bath. Journal of the Electrochemical Society, 2001, 148, G602.	2.9	16

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37	Optimisation of CdSî—¸TCO bilayers for their application as windows in photovoltaic solar cells. Solar Energy Materials and Solar Cells, 1996, 43, 297-310.	6.2	15
38	Investigating the presence of emerging and legacy POPs in European domestic air. Science of the Total Environment, 2020, 746, 141348.	8.0	15
39	HCH air levels derived from BailÃn dumpsite dismantling (SabiÃ±Ã¡nigo, Spain). Science of the Total Environment, 2018, 626, 1367-1372.	8.0	13
40	Environmental risk assessment of perfluoroalkyl substances and halogenated flame retardants released from biosolids-amended soils. Chemosphere, 2018, 210, 147-155.	8.2	13
41	Transfer of perfluorooctanesulfonate (PFOS), decabrominated diphenyl ether (BDE-209) and Dechlorane Plus (DP) from biosolid-amended soils to leachate and runoff water. Environmental Chemistry, 2018, 15, 195.	1.5	11
42	Leveling effect of solâ€“gel SiO2 coatings onto metallic foil substrates. Surface and Coatings Technology, 2001, 138, 205-210.	4.8	10
43	Occurrence of legacy and emerging organic pollutants in whitemouth croakers from Southeastern Brazil. Science of the Total Environment, 2019, 682, 719-728.	8.0	10
44	Arrangement of flexible foil substrates for CuInSe2-based solar cells. Surface and Coatings Technology, 2001, 148, 61-64.	4.8	9
45	Collection of human and environmental data on pesticide use in Europe and Argentina: Field study protocol for the SPRINT project. PLoS ONE, 2021, 16, e0259748.	2.5	9
46	Evaluation of the Spanish hot dip galvanising sector as a source of polychlorinated dibenzo-p-dioxins and polychlorinated dibenzofurans. Chemosphere, 2008, 71, 1127-1134.	8.2	7
47	Morphological investigations on CdS-TCO photovoltaic window layers using atomic force microscopy. Progress in Photovoltaics: Research and Applications, 1996, 4, 439-446.	8.1	5
48	Chemical studies of solar cell structures based on electrodeposited CuInSe2. Solar Energy Materials and Solar Cells, 1999, 58, 219-224.	6.2	5
49	In vitro cellular responses in the RTGâ€2 cell line to complex mixtures of dioxins and dioxinâ€like PCDDs, PCDFs and PCBs. Journal of Applied Toxicology, 2010, 30, 603-610.	2.8	3
50	Characterization of persistent-bioaccumulative-toxic (PBTs) substances in hazardous waste: Integration of chemical analysis andin vitrofish cells response. Toxicological and Environmental Chemistry, 2010, 92, 223-242.	1.2	0