

# Marina C Pinto

## List of Publications by Year in descending order

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Version: 2024-02-01

101  
papers

5,519  
citations

94269

37  
h-index

91712

69  
g-index

105  
all docs

105  
docs citations

105  
times ranked

4393  
citing authors

#	ARTICLE	IF	CITATIONS
1	Fabrication of different SnO <sub>2</sub> nanorods for enhanced photocatalytic degradation and antibacterial activity. <i>Environmental Science and Pollution Research</i> , 2023, 30, 71574-71584.	2.7	9
2	Transformation of hazardous sacred incense sticks ash waste into less toxic product by sequential approach prior to their disposal into the water bodies. <i>Environmental Science and Pollution Research</i> , 2023, 30, 71766-71778.	2.7	13
3	Effects of restraining measures due to COVID-19: Pre- and post-lockdown cognitive status and mental health. <i>Current Psychology</i> , 2022, 41, 7383-7392.	1.7	20
4	Molecular insights into plant-microbe interactions for sustainable remediation of contaminated environment. <i>Bioresource Technology</i> , 2022, 344, 126246.	4.8	47
5	An assessment of micro- and nanoplastics in the biosphere: A review of detection, monitoring, and remediation technology. <i>Chemical Engineering Journal</i> , 2022, 430, 132913.	6.6	42
6	Recovery of iron nanominerals from sacred incense sticks ash waste collected from temples by wet and dry magnetic separation method. <i>Environmental Technology and Innovation</i> , 2022, 25, 102150.	3.0	11
7	Recent Advances in Synthesis and Degradation of Lignin and Lignin Nanoparticles and Their Emerging Applications in Nanotechnology. <i>Materials</i> , 2022, 15, 953.	1.3	39
8	Recent Trends in Fascinating Applications of Nanotechnology in Allied Health Sciences. <i>Crystals</i> , 2022, 12, 39.	1.0	33
9	Utilization of Incense Stick Ash in Hydrometallurgy Methods for Extracting Oxides of Fe, Al, Si, and Ca. <i>Materials</i> , 2022, 15, 1879.	1.3	9
10	A comprehensive review on the effects of engineered nanoparticles on microalgal treatment of pollutants from wastewater. <i>Journal of Cleaner Production</i> , 2022, 344, 131121.	4.6	21
11	Variation in carbon stock and soil properties in different <i>Quercus leucotrichophora</i> forests of Garhwal Himalaya. <i>Catena</i> , 2022, 213, 106210.	2.2	12
12	Soil Properties, Litter Dynamics and Biomass Carbon Storage in Three-Bamboo Species of Sub-Himalayan Region of Eastern India. <i>Water, Air, and Soil Pollution</i> , 2022, 233, 1.	1.1	10
13	Editorial for Special Issue "Socio-Economic Impacts of Carbon Sequestration on Livelihoods and Future Climate". <i>Land</i> , 2022, 11, 51.	1.2	3
14	Appraisal of probabilistic levels of toxic metals and health risk in cultivated and marketed vegetables in urban and peri-urban areas of Delhi, India. <i>Environmental Toxicology and Pharmacology</i> , 2022, 92, 103863.	2.0	6
15	Recent and Emerging Trends in Remediation of Methylene Blue Dye from Wastewater by Using Zinc Oxide Nanoparticles. <i>Water (Switzerland)</i> , 2022, 14, 1749.	1.2	29
16	Crop Production and Carbon Sequestration Potential of <i>Grewia oppositifolia</i> -Based Traditional Agroforestry Systems in Indian Himalayan Region. <i>Land</i> , 2022, 11, 839.	1.2	3
17	Emerging Trends in the Remediation of Persistent Organic Pollutants Using Nanomaterials and Related Processes: A Review. <i>Nanomaterials</i> , 2022, 12, 2148.	1.9	34
18	Bio-remediation approaches for alleviation of cadmium contamination in natural resources. <i>Chemosphere</i> , 2021, 268, 128855.	4.2	120

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19	Removal of Cadmium and Chromium by Mixture of Silver Nanoparticles and Nano-Fibrillated Cellulose Isolated from Waste Peels of Citrus Sinensis. <i>Polymers</i> , 2021, 13, 234.	2.0	48
20	Recent Advances in Methods for the Recovery of Carbon Nanominerals and Polyaromatic Hydrocarbons from Coal Fly Ash and Their Emerging Applications. <i>Crystals</i> , 2021, 11, 88.	1.0	24
21	Variations and similarities in structural, chemical, and elemental properties on the ashes derived from the coal due to their combustion in open and controlled manner. <i>Environmental Science and Pollution Research</i> , 2021, 28, 32609-32625.	2.7	31
22	Implementation of the Use of Ethnomedicinal Plants for Curing Diseases in the Indian Himalayas and Its Role in Sustainability of Livelihoods and Socioeconomic Development. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 1509.	1.2	15
23	An experimental investigation on phytoremediation performance of water lettuce ( <i>Pistia</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 10 11 ff 93, 1543-1553.	1.3	21
24	Agro-Nanotechnology as an Emerging Field: A Novel Sustainable Approach for Improving Plant Growth by Reducing Biotic Stress. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 2282.	1.3	56
25	Carbon Storage of Single Tree and Mixed Tree Dominant Species Stands in a Reserve Forestâ€”Case Study of the Eastern Sub-Himalayan Region of India. <i>Land</i> , 2021, 10, 435.	1.2	24
26	Stand Structure, Biomass and Carbon Storage in Gmelina arborea Plantation at Agricultural Landscape in Foothills of Eastern Himalayas. <i>Land</i> , 2021, 10, 387.	1.2	23
27	Chromium contamination and effect on environmental health and its remediation: A sustainable approaches. <i>Journal of Environmental Management</i> , 2021, 285, 112174.	3.8	256
28	Disastrous Flash Floods Triggered by Moderate to Minor Rainfall Events. Recent Cases in Coastal Benguela (Angola). <i>Hydrology</i> , 2021, 8, 73.	1.3	5
29	Baseline maps of potentially toxic elements in the soils of Garhwal Himalayas, India: Assessment of their ecoâ€”environmental and human health risks. <i>Land Degradation and Development</i> , 2021, 32, 3856-3869.	1.8	40
30	The Processing of Calcium Rich Agricultural and Industrial Waste for Recovery of Calcium Carbonate and Calcium Oxide and Their Application for Environmental Cleanup: A Review. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 4212.	1.3	40
31	Recent Advances on Properties and Utility of Nanomaterials Generated from Industrial and Biological Activities. <i>Crystals</i> , 2021, 11, 634.	1.0	13
32	Phytoremediation of dairy wastewater using <i>Azolla pinnata</i> : Application of image processing technique for leaflet growth simulation. <i>Journal of Water Process Engineering</i> , 2021, 42, 102152.	2.6	25
33	An overview of greenhouse gases emissions in Hungary. <i>Journal of Cleaner Production</i> , 2021, 314, 127865.	4.6	37
34	Advances in the Methods for the Synthesis of Carbon Dots and Their Emerging Applications. <i>Polymers</i> , 2021, 13, 3190.	2.0	56
35	The concentration of aflatoxin M1 in raw and pasteurized milk: A worldwide systematic review and meta-analysis. <i>Trends in Food Science and Technology</i> , 2021, 115, 22-30.	7.8	24
36	Monitoring the presence and persistence of SARS-CoV-2 in water-food-environmental compartments: State of the knowledge and research needs. <i>Environmental Research</i> , 2021, 200, 111373.	3.7	24

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37	Recent Advances in Methods for Recovery of Cenospheres from Fly Ash and Their Emerging Applications in Ceramics, Composites, Polymers and Environmental Cleanup. <i>Crystals</i> , 2021, 11, 1067.	1.0	19
38	Understanding the impacts of the COVID-19 pandemic on sustainable agri-food system and agroecosystem decarbonization nexus: A review. <i>Journal of Cleaner Production</i> , 2021, 318, 128451.	4.6	40
39	Evaluating the geochemistry of groundwater contamination with iron and manganese and probabilistic human health risk assessment in endemic areas of the world's largest River Island, India. <i>Environmental Toxicology and Pharmacology</i> , 2021, 87, 103690.	2.0	37
40	Nonlinear dynamic investigation of plates: Considering seismic loads, strain rate, material, and geometrical nonlinearities. <i>Structures</i> , 2021, 33, 1967-1986.	1.7	1
41	Microporous metal-organic frameworks against endocrine-disruptor bisphenol A: parametric evaluation and optimization. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 626, 127039.	2.3	17
42	Lanthanum phosphate foam as novel heterogeneous nanocatalyst for biodiesel production from waste cooking oil. <i>Renewable Energy</i> , 2021, 176, 228-236.	4.3	41
43	Recent advances on the removal of phosphorus in aquatic plant-based systems. <i>Environmental Technology and Innovation</i> , 2021, 24, 101933.	3.0	28
44	Appraisal of contamination of heavy metals and health risk in agricultural soil of Jhansi city, India. <i>Environmental Toxicology and Pharmacology</i> , 2021, 88, 103740.	2.0	33
45	Myco-remediation: A mechanistic understanding of contaminants alleviation from natural environment and future prospect. <i>Chemosphere</i> , 2021, 284, 131325.	4.2	54
46	Forest soil nutrient stocks along altitudinal range of Uttarakhand Himalayas: An aid to Nature Based Climate Solutions. <i>Catena</i> , 2021, 207, 105667.	2.2	75
47	Extraction of Value-Added Minerals from Various Agricultural, Industrial and Domestic Wastes. <i>Materials</i> , 2021, 14, 6333.	1.3	17
48	A Short Review on the Utilization of Incense Sticks Ash as an Emerging and Overlooked Material for the Synthesis of Zeolites. <i>Crystals</i> , 2021, 11, 1255.	1.0	13
49	Application of Green Synthesized MMT/Ag Nanocomposite for Removal of Methylene Blue from Aqueous Solution. <i>Water (Switzerland)</i> , 2021, 13, 3206.	1.2	23
50	An Inter-disciplinary Approach to Evaluate Human Health Risks Due to Long-Term Exposure to Contaminated Groundwater Near a Chemical Complex. <i>Exposure and Health</i> , 2020, 12, 199-214.	2.8	42
51	Human Health Risk Assessment Due to Agricultural Activities and Crop Consumption in the Surroundings of an Industrial Area. <i>Exposure and Health</i> , 2020, 12, 629-640.	2.8	85
52	Weathering indices as climate proxies. A step forward based on Congo and SW African river muds. <i>Earth-Science Reviews</i> , 2020, 201, 103039.	4.0	71
53	A novel synthesis and characterization of polyhedral shaped amorphous iron oxide nanoparticles from incense sticks ash waste. <i>Environmental Technology and Innovation</i> , 2020, 20, 101089.	3.0	35
54	Estimation of Risk to the Eco-Environment and Human Health of Using Heavy Metals in the Uttarakhand Himalaya, India. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 7078.	1.3	59

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55	A review on municipal solid waste as a renewable source for waste-to-energy project in India: Current practices, challenges, and future opportunities. <i>Journal of Cleaner Production</i> , 2020, 277, 123227.	4.6	176
56	Synthesis and Characterization of Amorphous Iron Oxide Nanoparticles by the Sonochemical Method and Their Application for the Remediation of Heavy Metals from Wastewater. <i>Nanomaterials</i> , 2020, 10, 1551.	1.9	81
57	Associations between Trace Elements and Cognitive Decline: An Exploratory 5-Year Follow-Up Study of an Elderly Cohort. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 6051.	1.2	17
58	Post-wildfire denudation assessed from compositional features of river sediments (Central Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 622 Td	2.6	9
59	Lead Toxicity: Health Hazards, Influence on Food Chain, and Sustainable Remediation Approaches. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 2179.	1.2	454
60	Review on transesterification of non-edible sources for biodiesel production with a focus on economic aspects, fuel properties and by-product applications. <i>Energy Conversion and Management</i> , 2019, 201, 112155.	4.4	246
61	Hazardous heavy metals contamination of vegetables and food chain: Role of sustainable remediation approaches - A review. <i>Environmental Research</i> , 2019, 179, 108792.	3.7	309
62	Fluoride contamination, health problems and remediation methods in Asian groundwater: A comprehensive review. <i>Ecotoxicology and Environmental Safety</i> , 2019, 182, 109362.	2.9	250
63	Bioaccumulation and potential sources of heavy metal contamination in fish species in River Ganga basin: Possible human health risks evaluation. <i>Toxicology Reports</i> , 2019, 6, 472-481.	1.6	179
64	Human health risk assessment: Study of a population exposed to fluoride through groundwater of Agra city, India. <i>Regulatory Toxicology and Pharmacology</i> , 2019, 106, 68-80.	1.3	85
65	Detrital record of the denudation of volcanic islands under sub-tropical climate (Cape Verde). <i>Chemie Der Erde</i> , 2019, 79, 235-246.	0.8	13
66	Links between Cognitive Status and Trace Element Levels in Hair for an Environmentally Exposed Population: A Case Study in the Surroundings of the Estarreja Industrial Area. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 4560.	1.2	44
67	Heavy Metals of Santiago Island (Cape Verde) Alluvial Deposits: Baseline Value Maps and Human Health Risk Assessment. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 2.	1.2	62
68	Trace elements in soil-vegetables interface: Translocation, bioaccumulation, toxicity and amelioration - A review. <i>Science of the Total Environment</i> , 2019, 651, 2927-2942.	3.9	253
69	Uses and ecosystem services of trees outside forest (TOF)-A case study from Uttar Banga Krishi Viswavidyalaya, West Bengal, India. <i>Acta Ecologica Sinica</i> , 2019, 39, 431-437.	0.9	14
70	Fingernail Trace Element Content in Environmentally Exposed Individuals and Its Influence on Their Cognitive Status in Ageing. <i>Exposure and Health</i> , 2019, 11, 181-194.	2.8	29
71	Fungal Phytoremediation of Heavy Metal-Contaminated Resources: Current Scenario and Future Prospects. <i>Fungal Biology</i> , 2019, , 437-461.	0.3	50
72	Human predisposition to cognitive impairment and its relation with environmental exposure to potentially toxic elements. <i>Environmental Geochemistry and Health</i> , 2018, 40, 1767-1784.	1.8	55

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73	A review of emerging adsorbents and current demand for defluoridation of water: Bright future in water sustainability. <i>Environment International</i> , 2018, 111, 80-108.	4.8	180
74	Nano-phytoremediation of Pollutants from Contaminated Soil Environment: Current Scenario and Future Prospects. , 2018, , 383-401.		38
75	Mechanistic understanding and holistic approach of phytoremediation: A review on application and future prospects. <i>Ecological Engineering</i> , 2018, 120, 274-298.	1.6	275
76	Release, Migration, Sorption, and (Re)Precipitation of U during Peraluminous Granite Alteration under Oxidizing Conditions in Central Portugal. <i>Geosciences (Switzerland)</i> , 2018, 8, 95.	1.0	9
77	GIS-based evaluation of groundwater geochemistry and statistical determination of the fate of contaminants in shallow aquifers from different functional areas of Agra city, India: levels and spatial distributions. <i>RSC Advances</i> , 2018, 8, 15876-15889.	1.7	89
78	Quantification of organic carbon and primary nutrients in litter and soil in a foothill forest plantation of eastern Himalaya. <i>Journal of Forestry Research</i> , 2017, 28, 1195-1202.	1.7	12
79	Transfer processes of potentially toxic elements (PTE) from rocks to soils and the origin of PTE in soils: A case study on the island of Santiago (Cape Verde). <i>Journal of Geochemical Exploration</i> , 2017, 183, 140-151.	1.5	41
80	The Cancer and Non-Cancer Risk of Santiago Island (Cape Verde) Population due to Potential Toxic Elements Exposure from Soils. <i>Geosciences (Switzerland)</i> , 2017, 7, 78.	1.0	17
81	Spatial variability of soils and stream sediments and the remediation effects in a Portuguese uranium mine area. <i>Chemie Der Erde</i> , 2016, 76, 501-518.	0.8	17
82	Sediment generation on a volcanic island with arid tropical climate: A perspective based on geochemical maps of topsoils and stream sediments from Santiago Island, Cape Verde. <i>Applied Geochemistry</i> , 2016, 75, 114-124.	1.4	11
83	Major, trace and REE geochemistry of recent sediments from lower Catumbela River (Angola). <i>Journal of African Earth Sciences</i> , 2016, 115, 203-217.	0.9	41
84	Spatial and temporal variability of surface water and groundwater before and after the remediation of a Portuguese uranium mine area. <i>Chemie Der Erde</i> , 2015, 75, 345-356.	0.8	16
85	A review on current status of municipal solid waste management in India. <i>Journal of Environmental Sciences</i> , 2015, 37, 206-217.	3.2	286
86	Heavy metals of Santiago Island (Cape Verde) top soils: Estimated Background Value maps and environmental risk assessment. <i>Journal of African Earth Sciences</i> , 2015, 101, 162-176.	0.9	36
87	Environmental Risk Assessment Based on High-Resolution Spatial Maps of Potentially Toxic Elements Sampled on Stream Sediments of Santiago, Cape Verde. <i>Geosciences (Switzerland)</i> , 2014, 4, 297-315.	1.0	24
88	Contaminated water, stream sediments and soils close to the abandoned Pinhal do Souto uranium mine, central Portugal. <i>Journal of Geochemical Exploration</i> , 2014, 136, 102-117.	1.5	61
89	Plant diversity at Chilapatta reserve forest of Terai Duars in sub-humid tropical foothills of Indian eastern Himalayas. <i>Journal of Forestry Research</i> , 2014, 25, 591-596.	1.7	11
90	Release, Migration, Sorption and (re)precipitation of U During a Granite Alteration under Oxidizing Conditions. <i>Procedia Earth and Planetary Science</i> , 2014, 8, 28-32.	0.6	10

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91	Uranium Contents in the Lithological Formations of Santiago Island, Cape Verde. <i>Procedia Earth and Planetary Science</i> , 2014, 8, 18-22.	0.6	1
92	Estimated Background Values Maps of Uranium in Santiago Island Topsoil and Stream Sediments. <i>Procedia Earth and Planetary Science</i> , 2014, 8, 23-27.	0.6	9
93	Geochemistry and detrital geochronology of stream sediments from East Timor: implications for the origin of source units. <i>Australian Journal of Earth Sciences</i> , 2013, 60, 509-519.	0.4	4
94	Associations between lithology and land-use in a wine production region (Bairrada region, Portugal). <i>Journal of Maps</i> , 2012, 8, 271-281.	1.0	3
95	REE and other trace and major elements in the topsoil layer of Santiago island, Cape Verde. <i>Journal of African Earth Sciences</i> , 2012, 64, 20-33.	0.9	23
96	Mapping of Estimated Geochemical Background Values of Some Harmful Metals in Soils of Santiago Island (Cape Verde Archipelago). <i>Progress in Environmental Science, Technology and Management</i> , 2012, , .	0.1	1
97	Geochemistry of U-bearing minerals from the Vale de Abrutiga uranium mine area, Central Portugal. <i>Neues Jahrbuch Fur Mineralogie, Abhandlungen</i> , 2008, 185, 183-198.	0.1	14
98	The Vale de Abrutiga uranium phosphates mine, central Portugal. <i>Chemie Der Erde</i> , 2007, 67, 251-252.	0.8	5
99	Pollution of Water and Stream Sediments Associated with the Vale De Abrutiga Uranium Mine, Central Portugal. <i>Mine Water and the Environment</i> , 2004, 23, 66-75.	0.9	42
100	Weathering on volcanic edifices under semiarid climates: insights from a regional assessment of the composition of Fogo Island regoliths (Cape Verde). <i>Geological Society Special Publication</i> , 0, , SP520-2021-61.	0.8	1
101	Integrated Geochemical and Mineralogical Investigation of Soil from the Volcanic Fogo Island (Cape) Tj ETQq1 1 0.784314 rgBT /Overbo 2.8	0.784314	14