Johan du Plessis

List of Publications by Year
in descending order

36 papers	810 citations	567281 15 h-index	501196 28 g-index
36 all docs	36 docs citations	36 times ranked	1130 citing authors

#	Article	IF	Citations
1	Identification of effective control technologies for additive manufacturing. Journal of Toxicology and Environmental Health - Part B: Critical Reviews, 2022, 25, 211-249.	6.5	2
2	Skin and respiratory exposure to platinum group metals at two South African precious metals refineries. International Archives of Occupational and Environmental Health, 2021, 94, 1073-1083.	2.3	3
3	Low Use of Ocular Sun Protection among Agricultural Workers in South Africa: Need for Further Research. Photochemistry and Photobiology, 2021, 97, 453-455.	2.5	4
4	Effectiveness of Personal Protective Equipment in Reducing Skin Exposure to Soluble Platinum. Annals of Work Exposures and Health, 2021, 65, 485-491.	1.4	2
5	Personal Solar Ultraviolet Radiation Exposure of Farmworkers: Seasonal and Anatomical Differences Suggest Prevention Measures Are Required. Annals of Work Exposures and Health, 2021, , .	1.4	1
6	Associations of outdoor fine particulate air pollution and cardiovascular disease in 157â€ˆ436 individuals from 21 high-income, middle-income, and low-income countries (PURE): a prospective cohort study. Lancet Planetary Health, The, 2020, 4, e235-e245.	11.4	106
7	Reflections on the OECD guidelines for in vitro skin absorption studies. Regulatory Toxicology and Pharmacology, 2020, 117, 104752.	2.7	27
8	Subjective and objective skin colour of a farmworker group in the Limpopo Province, South Africa. Skin Research and Technology, 2020, 26, 923-931.	1.6	3
9	Transepidermal water loss, stratum corneum hydration, and skin surface pH of female African and Caucasian nursing students. Skin Research and Technology, 2019, 25, 88-95.	1.6	19
10	Towards a reliable, nonâ€invasive melanin assessment for pigmented skin. Skin Research and Technology, 2019, 25, 100-102.	1.6	4
11	Measurement of transepidermal water loss, stratum corneum hydration and skin surface pH in occupational settings: A review. Skin Research and Technology, 2019, 25, 595-605.	1.6	65
12	A retrospective analysis of nickel exposure data at a South African base metal refinery. Journal of Occupational and Environmental Hygiene, 2018, 15, 204-213.	1.0	2
13	Urinary excretion of platinum (Pt) following skin and respiratory exposure to soluble Pt at South African precious metals refineries. International Journal of Hygiene and Environmental Health, 2018, 221, 868-875.	4.3	12
14	Urinary excretion of platinum from South African precious metals refinery workers. Occupational and Environmental Medicine, 2018, 75, 436-442.	2.8	3
15	Occupational Respiratory Exposure to Platinum Group Metals: A Review and Recommendations. Chemical Research in Toxicology, 2017, 30, 1778-1790.	3.3	20
16	The influence of pH on the in vitro permeation of rhodium through human skin. Toxicology and Industrial Health, 2017, 33, 487-494.	1.4	7
17	Biometrology Guidelines for the In Vivo Assessment of Skin Surface pH in Nonclinical Settings. , 2017, , 925-932.		1
18	Biometrology Guidelines for the In Vivo Assessment of Transepidermal Water Loss and Skin Hydration in Nonclinical Settings. , 2017, , 933-943.		3

#	Article	IF	Citations
19	Diffuse Reflectance Spectroscopy Versus Mexameter^{Â®} MX18 Measurements of Melanin and Erythema in an African Population. Photochemistry and Photobiology, 2016, 92, 632-636.	2.5	15
20	Lung function, inflammation and cardiovascular mortality in Africans. European Journal of Clinical Investigation, 2016, 46, 901-910.	3.4	6
21	In multiple situational light settings, visual observation for skin colour assessment is comparable with colorimeter measurement. Skin Research and Technology, 2016, 22, 305-310.	1.6	4
22	Inflammation as Possible Mediator for the Relationship Between Lung and Arterial Function. Lung, 2016, 194, 107-115.	3.3	12
23	Selfâ€reported skin colour and erythemal sensitivity vs. objectively measured constitutive skin colour in an <scp>A</scp>frican population with predominantly dark skin. Photodermatology Photoimmunology and Photomedicine, 2015, 31, 315-324.	1.5	10
24	In VitroPermeation of Metals through Human Skin: A Review and Recommendations. Chemical Research in Toxicology, 2015, 28, 2237-2249.	3.3	43
25	Fitzpatrick Skin Type, Individual Typology Angle, and Melanin Index in an African Population. JAMA Dermatology, 2015, 151, 902.	4.1	59
26	In vitro permeation of platinum through African and Caucasian skin. Toxicology Letters, 2015, 232, 566-572.	0.8	16
27	South African and International Reference Values for Lung Function and its Relationship with Blood Pressure in Africans. Heart Lung and Circulation, 2015, 24, 573-582.	0.4	2
28	Biometrology Guidelines for the In Vivo Assessment of Transepidermal Water Loss and Skin Hydration in Nonclinical Settings. , 2015, , 1-11.		0
29	In vitro permeation of platinum and rhodium through Caucasian skin. Toxicology in Vitro, 2014, 28, 1396-1401.	2.4	22
30	International guidelines for the in vivo assessment of skin properties in nonâ€clinical settings: Part 2. transepidermal water loss and skin hydration. Skin Research and Technology, 2013, 19, 265-278.	1.6	177
31	International guidelines for the in vivo assessment of skin properties in nonâ€clinical settings: part 1. pH. Skin Research and Technology, 2013, 19, 59-68.	1.6	50
32	Flow Cytometric Analysis of the Oxidative Status in Human Peripheral Blood Mononuclear Cells of Workers Exposed to Welding Fumes. Journal of Occupational and Environmental Hygiene, 2010, 7, 367-374.	1.0	24
33	Assessment of Dermal Exposure and Skin Condition of Workers Exposed to Nickel at a South African Base Metal Refinery. Annals of Occupational Hygiene, 2009, 54, 23-30.	1.9	15
34	Southern African scorpion toxins: An overview. Toxicon, 2008, 51, 1-9.	1.6	37
35	DNA Damage and Repair Detected by The Comet Assay in Lymphocytes of African Petrol Attendants: A Pilot Study. Annals of Occupational Hygiene, 2008, 52, 653-62.	1.9	28
36	Collection of venom from southern African scorpions. Toxicon, 2005, 45, 681-682.	1.6	6