

Johan du Plessis

List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

810
citations

567281

15
h-index

501196

28
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36
all docs

36
docs citations

36
times ranked

1130
citing authors

#	ARTICLE	IF	CITATIONS
1	International guidelines for the <i>in vivo</i> assessment of skin properties in non-clinical settings: Part 2. transepidermal water loss and skin hydration. <i>Skin Research and Technology</i> , 2013, 19, 265-278.	1.6	177
2	Associations of outdoor fine particulate air pollution and cardiovascular disease in 157 436 individuals from 21 high-income, middle-income, and low-income countries (PURE): a prospective cohort study. <i>Lancet Planetary Health</i> , 2020, 4, e235-e245.	11.4	106
3	Measurement of transepidermal water loss, stratum corneum hydration and skin surface pH in occupational settings: A review. <i>Skin Research and Technology</i> , 2019, 25, 595-605.	1.6	65
4	Fitzpatrick Skin Type, Individual Typology Angle, and Melanin Index in an African Population. <i>JAMA Dermatology</i> , 2015, 151, 902.	4.1	59
5	International guidelines for the <i>in vivo</i> assessment of skin properties in non-clinical settings: part 1. pH. <i>Skin Research and Technology</i> , 2013, 19, 59-68.	1.6	50
6	<i>In Vitro</i> Permeation of Metals through Human Skin: A Review and Recommendations. <i>Chemical Research in Toxicology</i> , 2015, 28, 2237-2249.	3.3	43
7	Southern African scorpion toxins: An overview. <i>Toxicon</i> , 2008, 51, 1-9.	1.6	37
8	DNA Damage and Repair Detected by The Comet Assay in Lymphocytes of African Petrol Attendants: A Pilot Study. <i>Annals of Occupational Hygiene</i> , 2008, 52, 653-62.	1.9	28
9	Reflections on the OECD guidelines for <i>in vitro</i> skin absorption studies. <i>Regulatory Toxicology and Pharmacology</i> , 2020, 117, 104752.	2.7	27
10	Flow Cytometric Analysis of the Oxidative Status in Human Peripheral Blood Mononuclear Cells of Workers Exposed to Welding Fumes. <i>Journal of Occupational and Environmental Hygiene</i> , 2010, 7, 367-374.	1.0	24
11	<i>In vitro</i> permeation of platinum and rhodium through Caucasian skin. <i>Toxicology in Vitro</i> , 2014, 28, 1396-1401.	2.4	22
12	Occupational Respiratory Exposure to Platinum Group Metals: A Review and Recommendations. <i>Chemical Research in Toxicology</i> , 2017, 30, 1778-1790.	3.3	20
13	Transepidermal water loss, stratum corneum hydration, and skin surface pH of female African and Caucasian nursing students. <i>Skin Research and Technology</i> , 2019, 25, 88-95.	1.6	19
14	<i>In vitro</i> permeation of platinum through African and Caucasian skin. <i>Toxicology Letters</i> , 2015, 232, 566-572.	0.8	16
15	Assessment of Dermal Exposure and Skin Condition of Workers Exposed to Nickel at a South African Base Metal Refinery. <i>Annals of Occupational Hygiene</i> , 2009, 54, 23-30.	1.9	15
16	Diffuse Reflectance Spectroscopy <i>Versus</i> Mexameter [®] MX18 Measurements of Melanin and Erythema in an African Population. <i>Photochemistry and Photobiology</i> , 2016, 92, 632-636.	2.5	15
17	Inflammation as Possible Mediator for the Relationship Between Lung and Arterial Function. <i>Lung</i> , 2016, 194, 107-115.	3.3	12
18	Urinary excretion of platinum (Pt) following skin and respiratory exposure to soluble Pt at South African precious metals refineries. <i>International Journal of Hygiene and Environmental Health</i> , 2018, 221, 868-875.	4.3	12

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19	Self-reported skin colour and erythema sensitivity vs. objectively measured constitutive skin colour in an African population with predominantly dark skin. <i>Photodermatology Photoimmunology and Photomedicine</i> , 2015, 31, 315-324.	1.5	10
20	The influence of pH on the <i>in vitro</i> permeation of rhodium through human skin. <i>Toxicology and Industrial Health</i> , 2017, 33, 487-494.	1.4	7
21	Collection of venom from southern African scorpions. <i>Toxicon</i> , 2005, 45, 681-682.	1.6	6
22	Lung function, inflammation and cardiovascular mortality in Africans. <i>European Journal of Clinical Investigation</i> , 2016, 46, 901-910.	3.4	6
23	In multiple situational light settings, visual observation for skin colour assessment is comparable with colorimeter measurement. <i>Skin Research and Technology</i> , 2016, 22, 305-310.	1.6	4
24	Towards a reliable, non-invasive melanin assessment for pigmented skin. <i>Skin Research and Technology</i> , 2019, 25, 100-102.	1.6	4
25	Low Use of Ocular Sun Protection among Agricultural Workers in South Africa: Need for Further Research. <i>Photochemistry and Photobiology</i> , 2021, 97, 453-455.	2.5	4
26	Urinary excretion of platinum from South African precious metals refinery workers. <i>Occupational and Environmental Medicine</i> , 2018, 75, 436-442.	2.8	3
27	Subjective and objective skin colour of a farmworker group in the Limpopo Province, South Africa. <i>Skin Research and Technology</i> , 2020, 26, 923-931.	1.6	3
28	Skin and respiratory exposure to platinum group metals at two South African precious metals refineries. <i>International Archives of Occupational and Environmental Health</i> , 2021, 94, 1073-1083.	2.3	3
29	Biometrology Guidelines for the In Vivo Assessment of Transepidermal Water Loss and Skin Hydration in Nonclinical Settings. , 2017, , 933-943.		3
30	South African and International Reference Values for Lung Function and its Relationship with Blood Pressure in Africans. <i>Heart Lung and Circulation</i> , 2015, 24, 573-582.	0.4	2
31	A retrospective analysis of nickel exposure data at a South African base metal refinery. <i>Journal of Occupational and Environmental Hygiene</i> , 2018, 15, 204-213.	1.0	2
32	Effectiveness of Personal Protective Equipment in Reducing Skin Exposure to Soluble Platinum. <i>Annals of Work Exposures and Health</i> , 2021, 65, 485-491.	1.4	2
33	Identification of effective control technologies for additive manufacturing. <i>Journal of Toxicology and Environmental Health - Part B: Critical Reviews</i> , 2022, 25, 211-249.	6.5	2
34	Personal Solar Ultraviolet Radiation Exposure of Farmworkers: Seasonal and Anatomical Differences Suggest Prevention Measures Are Required. <i>Annals of Work Exposures and Health</i> , 2021, , .	1.4	1
35	Biometrology Guidelines for the In Vivo Assessment of Skin Surface pH in Nonclinical Settings. , 2017, , 925-932.		1
36	Biometrology Guidelines for the In Vivo Assessment of Transepidermal Water Loss and Skin Hydration in Nonclinical Settings. , 2015, , 1-11.		0