M S Riana Bornman

List of Publications by Year
in descending order

94 papers	2,767 citations	249298 26 h-index	242451 47 g-index
101 all docs	101 docs citations	101 times ranked	3961 citing authors

#	Article	IF	Citations
1	Assessing the External Exposome Using Wearable Passive Samplers and High-Resolution Mass Spectrometry among South African Children Participating in the VHEMBE Study. Environmental Science & Technology, 2022, 56, 2191-2203.	4.6	16
2	Prenatal exposure to insecticides and child cardiometabolic risk factors in the VHEMBE birth cohort. Environmental Epidemiology, 2022, 6, e196.	1.4	1
3	Prenatal Exposure to Insecticides and Weight Trajectories Among South African Children in the VHEMBE Birth Cohort. Epidemiology, 2022, 33, 505-513.	1.2	3
4	Targeted screening of 11 bisphenols and 7 plasticizers in food composites from Canada and South Africa. Food Chemistry, 2022, 385, 132675.	4.2	15
5	Maternal exposure to DDT, DDE, and pyrethroid insecticides for malaria vector control and hypospadias in the VHEMBE birth cohort study, Limpopo, South Africa. Science of the Total Environment, 2022, 845, 157084.	3.9	4
6	DNA methylation profiles unique to Kalahari KhoeSan individuals. Epigenetics, 2021, 16, 537-553.	1.3	2
7	50 chemical exposures of concern discovered using wearable passive samplers and gas chromatography high-resolution mass spectrometry in South African children. ISEE Conference Abstracts, 2021, 2021, .	0.0	0
8	Personal External Exposomes from Around the World. ISEE Conference Abstracts, 2021, 2021, .	0.0	0
9	EDCs and male urogenital cancers. Advances in Pharmacology, 2021, 92, 521-553.	1.2	5
10	Exposure to lead and vaccine-specific IgG titers in South African children participating in the Venda Health Examination of Mothers, Babies and their Environment (VHEMBE): A longitudinal study. Environmental Research, 2020, 180, 108794.	3.7	7
11	Exposure to DDT from indoor residual spraying and biomarkers of inflammation among reproductive-aged women from South Africa. Environmental Research, 2020, 191, 110088.	3.7	4
12	Malaria Vectors and Vector Surveillance in Limpopo Province (South Africa): 1927 to 2018. International Journal of Environmental Research and Public Health, 2020, 17, 4125.	1.2	13
13	Associations between prenatal exposure to DDT and DDE and allergy symptoms and diagnoses in the Venda Health Examination of Mothers, Babies and their Environment (VHEMBE), South Africa. Environmental Research, 2020, 185, 109366.	3.7	10
14	Associations of Maternal Exposure to Dichlorodiphenyltrichloroethane and Pyrethroids With Birth Outcomes Among Participants in the Venda Health Examination of Mothers, Babies and Their Environment Residing in an Area Sprayed for Malaria Control. American Journal of Epidemiology, 2019, 188, 130-140.	1.6	25
15	A community-based education programme to reduce insecticide exposure from indoor residual spraying in Limpopo, South Africa. Malaria Journal, 2019, 18, 199.	0.8	10
16	Sex and poverty modify associations between maternal peripartum concentrations of DDT/E and pyrethroid metabolites and thyroid hormone levels in neonates participating in the VHEMBE study, South Africa. Environment International, 2019, 131, 104958.	4.8	17
17	Metagenomic analysis reveals a rich bacterial content in highâ€risk prostate tumors from African men. Prostate, 2019, 79, 1731-1738.	1.2	28
18	Seasonality of antenatal care attendance, maternal dietary intake, and fetal growth in the VHEMBE birth cohort, South Africa. PLoS ONE, 2019, 14, e0222888.	1.1	7

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19	Occurrence, fate and toxic effects of the industrial endocrine disrupter, nonylphenol, on plants - A review. Ecotoxicology and Environmental Safety, 2019, 181, 419-427.	2.9	47
20	African KhoeSan ancestry linked to high-risk prostate cancer. BMC Medical Genomics, 2019, 12, 82.	0.7	16
21	TMPRSS2â€ERG fusions linked to prostate cancer racial health disparities: A focus on Africa. Prostate, 2019, 79, 1191-1196.	1.2	28
22	MethylToSNP: identifying SNPs in Illumina DNA methylation array data. Epigenetics and Chromatin, 2019, 12, 79.	1.8	21
23	Human origins in a southern African palaeo-wetland and first migrations. Nature, 2019, 575, 185-189.	13.7	79
24	Alterations in male reproductive hormones in relation to environmental DDT exposure. Environment International, 2018, 113, 281-289.	4.8	29
25	Association between prenatal exposure to multiple insecticides and child body weight and body composition in the VHEMBE South African birth cohort. Environment International, 2018, 113, 122-132.	4.8	134
26	Exposure to DDT and hypertensive disorders of pregnancy among South African women from an indoor residual spraying region: The VHEMBE study. Environmental Research, 2018, 162, 49-54.	3.7	32
27	Interactive Malaria Education Intervention and Its Effect on Community Participant Knowledge: The Malaria Awareness Program in Vhembe District, Limpopo, South Africa. International Quarterly of Community Health Education, 2018, 38, 147-158.	0.4	24
28	Prostate Cancer in Southern Africa: Does Africa Hold Untapped Potential to Add Value to the Current Understanding of a Common Disease?. Journal of Global Oncology, 2018, 4, 1-7.	0.5	16
29	Maternal peripartum urinary pyrethroid metabolites are associated with thinner children at 3.5 years in the VHEMBE birth cohort (Limpopo, South Africa). Environmental Epidemiology, 2018, 2, e026.	1.4	10
30	Determinants of Exposure to Pyrethroid Insecticides in the VHEMBE Cohort, South Africa. Environmental Science & Technology, 2018, 52, 12108-12121.	4.6	15
31	Prenatal Exposure to DDT and Pyrethroids for Malaria Control and Child Neurodevelopment: The VHEMBE Cohort, South Africa. Environmental Health Perspectives, 2018, 126, 047004.	2.8	54
32	Maternal Peripartum Serum DDT/E and Urinary Pyrethroid Metabolite Concentrations and Child Infections at 2 Years in the VHEMBE Birth Cohort. Environmental Health Perspectives, 2018, 126, 067006.	2.8	18
33	Whole-Genome Sequencing Reveals Elevated Tumor Mutational Burden and Initiating Driver Mutations in African Men with Treatment-NaÃ¯ve, High-Risk Prostate Cancer. Cancer Research, 2018, 78, 6736-6746.	0.4	66
34	Early-life exposure to p,pâ€²-DDT and p,pâ€²-DDE in South African children participating in the VHEMBE study: An assessment using repeated serum measurements and pharmacokinetic modeling. Environment International, 2018, 119, 478-484.	4.8	11
35	Household fuel use and biomarkers of inflammation and respiratory illness among rural South African Women. Environmental Research, 2018, 166, 112-116.	3.7	17
36	Prostate cancer genomics and racial health disparity. Oncotarget, 2018, 9, 36650-36651.	0.8	4

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37	Ultrastructural and developmental evidence of phytotoxicity on cos lettuce (Lactuca sativa) associated with nonylphenol exposure. Chemosphere, 2017, 169, 428-436.	4.2	16
38	Levels and Determinants of DDT and DDE Exposure in the VHEMBE Cohort. Environmental Health Perspectives, 2017, 125, 077006.	2.8	35
39	Next generation mapping reveals novel large genomic rearrangements in prostate cancer. Oncotarget, 2017, 8, 23588-23602.	0.8	43
40	Dichlorodiphenyltrichloroethane exposure and anogenital distance in the Venda Health Examination of Mothers, Babies and their Environment (VHEMBE) birth cohort study, South Africa. Andrology, 2016, 4, 608-615.	1.9	19
41	Spectrum of mitochondrial genomic variation and associated clinical presentation of prostate cancer in South African men. Prostate, 2016, 76, 349-358.	1.2	26
42	Nonylphenol, an industrial endocrine disrupter chemical, affects root hair growth, shoot length and root length of germinating cos lettuce (Lactuca sativa). Seed Science and Technology, 2016, 44, 43-52.	0.6	15
43	DDT exposure of frogs: A case study from Limpopo Province, South Africa. Chemosphere, 2016, 159, 335-341.	4.2	13
44	From the Editorâ€™s Desk, Editorâ€™s Highlights, Letters to the Editor. Toxicological Sciences, 2016, 149, 271-274.	1.4	4
45	Effects of environmental endocrine disruptors, including insecticides used for malaria vector control on reproductive parameters of male rats. Reproductive Toxicology, 2016, 61, 19-27.	1.3	21
46	Acceptability and effectiveness of a monofilament, polyethylene insecticide-treated wall lining for malaria control after six months in dwellings in Vhembe District, Limpopo Province, South Africa. Malaria Journal, 2015, 14, 485.	0.8	13
47	Revised Timeline and Distribution of the Earliest Diverged Human Maternal Lineages in Southern Africa. PLoS ONE, 2015, 10, e0121223.	1.1	17
48	First report of the concentrations and implications of DDT residues in chicken eggs from a malaria-controlled area. Chemosphere, 2015, 137, 174-177.	4.2	16
49	Undisturbed dust as a metric of long-term indoor insecticide exposure: Residential DDT contamination from indoor residual spraying and its association with serum levels in the VHEMBE cohort. Environment International, 2015, 85, 163-167.	4.8	19
50	Manufacturing doubt about endocrine disrupter science â€“ A rebuttal of industry-sponsored critical comments on the UNEP/WHO report â€œState of the Science of Endocrine Disrupting Chemicals 2012â€• Regulatory Toxicology and Pharmacology, 2015, 73, 1007-1017.	1.3	57
51	Predictors of Plasma DDT and DDE Concentrations among Women Exposed to Indoor Residual Spraying for Malaria Control in the South African Study of Women and Babies (SOWB). Environmental Health Perspectives, 2014, 122, 545-552.	2.8	19
52	Clinical presentation of prostate cancer in Black South Africans. Prostate, 2014, 74, 880-891.	1.2	52
53	A path forward in the debate over health impacts of endocrine disrupting chemicals. Environmental Health, 2014, 13, 118.	1.7	107
54	mSpray: A mobile phone technology to improve malaria control efforts and monitor human exposure to malaria control pesticides in Limpopo, South Africa. Environment International, 2014, 68, 219-226.	4.8	24

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55	Endocrine Disruptors and Male Infertility. , 2014, , 193-210.		0
56	Science and policy on endocrine disrupters must not be mixed: a reply to a â€œcommon senseâ€• intervention by toxicology journal editors. Environmental Health, 2013, 12, 69.	1.7	64
57	Addressing the contribution of previously described genetic and epidemiological risk factors associated with increased prostate cancer risk and aggressive disease within men from South Africa. BMC Urology, 2013, 13, 74.	0.6	19
58	The use of the urogenital papillae of male feral African sharptooth catfish (Clarias gariepinus) as indicator of exposure to estrogenic chemicals in two polluted dams in an urban nature reserve, Gauteng, South Africa. Ecotoxicology and Environmental Safety, 2013, 87, 98-107.	2.9	17
59	The Impact of Endocrine Disruption: A Consensus Statement on the State of the Science. Environmental Health Perspectives, 2013, 121, A104-6.	2.8	267
60	Implications for health education and intervention strategies arising from children's caregivers concerns following successful malaria control. Transactions of the Royal Society of Tropical Medicine and Hygiene, 2012, 106, 408-414.	0.7	7
61	High levels of DDT in breast milk: Intake, risk, lactation duration, and involvement of gender. Environmental Pollution, 2012, 170, 63-70.	3.7	74
62	The lack of endocrine disrupting effects in catfish (Clarias gariepinus) from a DDT sprayed area. Ecotoxicology and Environmental Safety, 2012, 79, 256-263.	2.9	6
63	Responses of laboratory exposed catfish (Clarias gariepinus) to environmentally relevant concentrations of p,pâ€²-DDT. Environmental Toxicology and Pharmacology, 2012, 34, 919-925.	2.0	5
64	Sustainable malaria control: transdisciplinary approaches for translational applications. Malaria Journal, 2012, 11, 431.	0.8	17
65	Estimation of human body concentrations of DDT from indoor residual spraying for malaria control. Environmental Pollution, 2012, 169, 235-241.	3.7	21
66	Environmental Pollutants and Diseases of Sexual Development in Humans and Wildlife in South Africa: Harbingers of Impact on Overall Health?. Reproduction in Domestic Animals, 2012, 47, 327-332.	0.6	30
67	Changes in Retinol-Binding Protein Concentrations and Thyroid Homeostasis with Nonoccupational Exposure to DDT. Environmental Health Perspectives, 2011, 119, 647-651.	2.8	16
68	DDT contamination from indoor residual spraying for malaria control. Science of the Total Environment, 2010, 408, 2745-2752.	3.9	108
69	DDT and urogenital malformations in newborn boys in a malarial area. BJU International, 2010, 106, 405-411.	1.3	76
70	Intersex in feral indigenous freshwater Oreochromis mossambicus, from various parts in the Luvuvhu River, Limpopo Province, South Africa. Ecotoxicology and Environmental Safety, 2010, 73, 1537-1542.	2.9	48
71	Testicular microlithiasis and neoplastic lesions in wild eland (Tragelaphus oryx): Possible effects of exposure to environmental pollutants?. Environmental Research, 2010, 110, 327-333.	3.7	15
72	Sperm chromatin integrity in DDT-exposed young men living in a malaria area in the Limpopo Province, South Africa. Human Reproduction, 2009, 24, 2429-2438.	0.4	53

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73	Ultrastructural changes of platelet aggregates and fibrin networks in a patient with renal clear cell adenocarcinoma: A scanning electron microscopy study. Microscopy Research and Technique, 2009, 72, 679-683.	1.2	4
74	Immunohistochemical study of nuclear changes associated with male germ cell death and spermiogenesis. Journal of Molecular Histology, 2009, 40, 287-299.	1.0	15
75	Histopathological changes in the reproductive system (ovaries and testes) of Oreochromis mossambicus following exposure to DDT. Environmental Toxicology and Pharmacology, 2009, 28, 133-139.	2.0	39
76	Histological changes in the gills ofClarias gariepinus(Teleostei: Clariidae) from a polluted South African urban aquatic system. African Journal of Aquatic Science, 2009, 34, 283-291.	0.5	34
77	Men's Health in Africa. Journal of Men's Health, 2008, 5, 66-72.	0.1	2
78	Men's Health in Africa. Journal of Men's Health, 2008, 5, 127-132.	0.1	4
79	Testicular apoptosis in feral Clarias gariepinus using TUNEL and cleaved caspase-3 immunohistochemistry. Ecotoxicology and Environmental Safety, 2008, 71, 41-46.	2.9	19
80	Preliminary assessment of oestrogenic activity in water sources in Rietvlei Nature Reserve, Gauteng, South Africa. African Journal of Aquatic Science, 2008, 33, 249-254.	0.5	16
81	Stage-Related Increase in the Proportion of Apoptotic Germ Cells and Altered Frequencies of Stages in the Spermatogenic Cycle Following Gestational, Lactational, and Direct Exposure of Male Rats to p-Nonylphenol. Toxicological Sciences, 2007, 95, 249-256.	1.4	58
82	Simultaneous exposure to low concentrations of dichlorodiphenyltrichloroethane, deltamethrin, nonylphenol and phytoestrogens has negative effects on the reproductive parameters in male Spraque-Dawley rats. Andrologia, 2007, 39, 128-135.	1.0	34
83	Impaired Semen Quality Associated With Environmental DDT Exposure in Young Men Living in a Malaria Area in the Limpopo Province, South Africa. Journal of Andrology, 2006, 28, 423-434.	2.0	190
84	The neurotoxic effects of prenatal cardiac glycoside exposure: A hypothesis. Neurotoxicology and Teratology, 2006, 28, 135-143.	1.2	13
85	Ultrastructural Effects of Low Dosage Endocrine Disrupter Chemicals on Neural Cells of the Chicken Embryo Model. Hormone and Metabolic Research, 2006, 38, 639-649.	0.7	15
86	Calcium-mediated aponecrosis plays a central role in the pathogenesis of estrogenic chemical-induced neurotoxicity. Medical Hypotheses, 2005, 65, 893-904.	0.8	25
87	Daily emergence of Schistosoma mansoni and S. haematobium cercariae from naturally infected snails under field conditions. Journal of Helminthology, 2002, 76, 273-277.	0.4	11
88	LETHAL DOSE AND REPRODUCTIVE PARAMETERS OFp-NONYLPHENOL IN RATS. Archives of Andrology, 2001, 46, 183-187.	1.0	16
89	Multicenter Study on Reproducibility of Sperm Morphology Assessments. Archives of Andrology, 1998, 41, 103-114.	1.0	32
90	Chlamydial Infection in Asymptomatic Infertile Men Attending an Andrology Clinic. Archives of Andrology, 1998, 41, 203-208.	1.0	19

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91	Sialic Acid in Semen of Normozoospermic Men. Archives of Andrology, 1998, 41, 97-101.	1.0	6
92	Semen quality and fertility of men employed in a South African lead acid battery plant. , 1997, 32, 369-376.		49
93	Changes in Wga-Lectin Binding Sites on Sperm During Epididymal Transit in the Chacma Baboon (Papio) Tj ETQq1 1 0.784314 rgBT /Ov 1.0		3
94	LATE ADOLESCENT KNOWLEDGE ABOUT CORONA VIRUS 19. Addaiyan Journal of Arts Humanities and Social Sciences, 0, , 39-48.	0.0	0