

# Peet Jansen van Rensburg

## List of Publications by Year in descending order

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Version: 2024-02-01

27  
papers

775  
citations

623734

14  
h-index

526287

27  
g-index

27  
all docs

27  
docs citations

27  
times ranked

1229  
citing authors

#	ARTICLE	IF	CITATIONS
1	Phospholipid fatty acid profiling of microbial communities-a review of interpretations and recent applications. <i>Journal of Applied Microbiology</i> , 2015, 119, 1207-1218.	3.1	259
2	Seasonal exposures to triazine and other pesticides in surface waters in the western Highveld corn-production region in South Africa. <i>Environmental Pollution</i> , 2005, 135, 131-141.	7.5	76
3	Microbial signature lipid biomarker analysis - an approach that is still preferred, even amid various method modifications. <i>Journal of Applied Microbiology</i> , 2015, 118, 1251-1263.	3.1	53
4	Molecular responses of genetically modified maize to abiotic stresses as determined through proteomic and metabolomic analyses. <i>PLoS ONE</i> , 2017, 12, e0173069.	2.5	43
5	Soil Microbial Community Function and Structure in a Post-mining Chronosequence. <i>Water, Air, and Soil Pollution</i> , 2008, 194, 315-329.	2.4	36
6	Abalone growth and associated aspects: now from a metabolic perspective. <i>Reviews in Aquaculture</i> , 2018, 10, 451-473.	9.0	32
7	Obesity and Metabolomics: Metallothioneins Protect Against High-Fat Diet-Induced Consequences in Metallothionein Knockout Mice. <i>OMICS A Journal of Integrative Biology</i> , 2015, 19, 92-103.	2.0	29
8	Stable isotope dilution analysis of salicylic acid and hydroquinone in human skin samples by gas chromatography with mass spectrometric detection. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2007, 852, 300-307.	2.3	24
9	Soil Microbial Community Structure of Coal Mine Discard Under Rehabilitation. <i>Water, Air, and Soil Pollution</i> , 2006, 174, 355-366.	2.4	23
10	EARTHWORM ( EISENIA FETIDA ) BIOASSAY TO ASSESS THE POSSIBLE EFFECTS OF PLATINUM TAILINGS DISPOSAL FACILITIES ON THE ENVIRONMENT ALONG A GRADIENT. <i>Applied Ecology and Environmental Research</i> , 2008, 6, 13-19.	0.5	21
11	Untargeted urine metabolomics reveals a biosignature for muscle respiratory chain deficiencies. <i>Metabolomics</i> , 2015, 11, 111-121.	3.0	19
12	SOIL MICROBIAL PROPERTIES IN COAL MINE TAILINGS UNDER REHABILITATION. <i>Applied Ecology and Environmental Research</i> , 2006, 4, 75-83.	0.5	16
13	The Effects of Platinum Mining on the Environment from a Soil Microbial Perspective. <i>Water, Air, and Soil Pollution</i> , 2006, 175, 149-161.	2.4	15
14	Can a metabolomics-based approach be used as alternative to analyse fatty acid methyl esters from soil microbial communities?. <i>Soil Biology and Biochemistry</i> , 2016, 103, 417-428.	8.8	14
15	Untargeted Metabolite Profiling of Abalone Using Gas Chromatography Mass Spectrometry. <i>Food Analytical Methods</i> , 2016, 9, 1254-1261.	2.6	14
16	A Comparison of Microbial Community Function and Structure in Rehabilitated Asbestos and Coal Discard Sites. <i>Water, Air, and Soil Pollution</i> , 2012, 223, 1091-1100.	2.4	13
17	Effect of proline-enriched abalone feed on selected metabolite levels of slow-growing adult <i>Haliotis midae</i> . <i>Aquaculture Research</i> , 2019, 50, 1057-1067.	1.8	13
18	Increased Excretion of C4-Carnitine Species after a Therapeutic Acetylsalicylic Acid Dose: Evidence for an Inhibitory Effect on Short-Chain Fatty Acid Metabolism. <i>ISRN Pharmacology</i> , 2011, 2011, 1-8.	1.6	11

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19	The simultaneous detection and quantification of p-aminobenzoic acid and its phase 2 biotransformation metabolites in human urine using LC-MS/MS. <i>Bioanalysis</i> , 2015, 7, 1211-1224.	1.5	10
20	Evaluation of The Efficiency of Various Commercial Products for The Bioremediation of Hydrocarbon Contaminated Soil. <i>The Environmentalist</i> , 2006, 26, 51-62.	0.7	9
21	From untargeted LC-QTOF analysis to characterisation of opines in abalone adductor muscle: Theory meets practice. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017, 1071, 44-48.	2.3	9
22	Foraging at wastewater treatment works affects brown adipose tissue fatty acid profiles in banana bats. <i>Biology Open</i> , 2016, 5, 92-99.	1.2	8
23	Microbial community function and structure on coal mine discard under rehabilitation. <i>South African Journal of Plant and Soil</i> , 2006, 23, 105-112.	1.1	6
24	Gill damage, metallothionein gene expression and metal accumulation in <i>Tilapia sparrmanii</i> from selected field sites at Rustenburg and Potchefstroom, South Africa. <i>African Journal of Aquatic Science</i> , 2006, 31, 89-98.	1.1	6
25	Nematodes as indicators of ecosystem development during platinum mine tailings reclamation. <i>The Environmentalist</i> , 2008, 28, 99-107.	0.7	6
26	Rehabilitation of asbestos mining waste: a Rehabilitation Prioritisation Index (RPI) for South Africa. <i>Environmental Geology</i> , 2009, 57, 267-273.	1.2	6
27	Quantitative Determination of Octadecenedioic Acid in Human Skin and Transdermal Perfusates by Gas Chromatography-Mass Spectrometry. <i>Journal of Chromatographic Science</i> , 2008, 46, 544-550.	1.4	4