

## Subsidy Report per Person By Department

### Sentrale Analitiese Fasiliteit : 2019

#### ADAMS RCM

##### Journal Articles (subsidised)

ADAMS RCM, SMITH C. Chronic gestational inflammation: Transfer of maternal adaptation over two generations of progeny. *Mediators of Inflammation* 2019; **2019**:9160941, 16 pages.

Author	Portion	Value	Total		
ADAMS RCM	Sentrale Analitiese Fasiliteit	Author	1	0.50	0.50
SMITH C	Fisiologiese Wetenskappe	Author	2	0.50	0.00
		AUTHOR PORTION:			0.50
		SECTION TOTAL:			0.50
		SUB-TOTAL:			0.50

#### BRAND DJ

##### Journal Articles (subsidised)

STEVENS GG, PÉREZ-FERNÁNDEZ MA, MORCILLO RJL, KLEINERT A, HILLS PN, BRAND DJ, STEENKAMP ET, VALENTINE AJ. Roots and nodules response differently to P starvation in the mediterranean-type legume *virgilia divaricata*. *Frontiers in Plant Science* 2019; **10**:Article number 73, 14 pages.

Author	Portion	Value	Total		
STEVENS GG	Plant- en Dierkunde	Author	1	0.13	0.00
Pérez-Fernández MA		Author	2	0.00	0.00
Morcillo RJL		Author	3	0.00	0.00
KLEINERT A	Plant- en Dierkunde	Author	4	0.13	0.00
HILLS PN	Instituut vir Plantbiotegnologie	Author	5	0.13	0.00
BRAND DJ	Sentrale Analitiese Fasiliteit	Author	6	0.13	0.13
Steenkamp ET		Author	7	0.00	0.00
VALENTINE AJ	Plant- en Dierkunde	Author	8	0.13	0.00
		AUTHOR PORTION:			0.13

UWAOMA RC, STRYDOM C, MATJIE RH, BUNT JR, OKOLO GN, BRAND DJ. Pyrolysis of Tetralin Liquefaction Derived Residues from Lighter Density Fractions of Waste Coals Taken from Waste Coal Disposal Sites in South Africa. *Energy and Fuels* 2019; **33**:9074-9086.

Author	Portion	Value	Total		
Uwaoma RC		Author	1	0.00	0.00
Strydom C		Author	2	0.00	0.00
Matjie RH		Author	3	0.00	0.00
Bunt JR		Author	4	0.00	0.00
Okolo GN		Author	5	0.00	0.00
BRAND DJ	Sentrale Analitiese Fasiliteit	Author	6	0.17	0.17
		AUTHOR PORTION:			0.17
		SECTION TOTAL:			0.29
		SUB-TOTAL:			0.29

#### DORUYTER AGG

##### Journal Articles (subsidised)

SIMON D, IRUSEN EM, WARWICK JM, DORUYTER AGG, KOEGELEBERG CFN. Simple Anatomical Calculations Possibly As Accurate As Three-Dimensional Lobar Quantification with SPECT-CT in Predicting Lung Function after Pulmonary Resection. *Respiration; International Review of Thoracic Diseases* 2019; **98**(1):82-85.

Author	Portion	Value	Total		
SIMON D	Algemene Interne Geneeskunde	Author	1	0.20	0.00
IRUSEN EM	Algemene Interne Geneeskunde	Author	2	0.20	0.00
WARWICK JM	Kerngeneeskunde	Author	3	0.20	0.00
DORUYTER AGG	Sentrale Analitiese Fasiliteit	Author	4	0.20	0.20
KOEGELEBERG CFN	Algemene Interne Geneeskunde	Author	5	0.20	0.00
		AUTHOR PORTION:			0.20

SIMONDS HM, BOTHA MHH, ELLMANN A, WARWICK JM, DORUYTER AGG, NEUGUT AI, VAN DER MERWE F, JACOBSON JS. HIV status does not have an impact on positron emission tomography-computed tomography (PET-CT) findings or radiotherapy treatment recommendations in patients with locally advanced cervical cancer. *INTERNATIONAL JOURNAL OF GYNECOLOGICAL CANCER* 2019; **1257**(29):1252-1257.

Author	Portion	Value	Total		
SIMONDS HM	Stralingsonkologie	Author	1	0.13	0.00
BOTHA MHH	Verloskunde en Ginekologie	Author	2	0.13	0.00
ELLMANN A	Kerngeneeskunde	Author	3	0.13	0.00
WARWICK JM	Kerngeneeskunde	Author	4	0.13	0.00
DORUYTER AGG	Sentrale Analitiese Fasiliteit	Author	5	0.13	0.13
Neugut AI		Author	6	0.00	0.00
VAN DER MERWE F	Verloskunde en Ginekologie	Author	7	0.13	0.00
Jacobson JS		Author	8	0.00	0.00
		AUTHOR PORTION:			0.13
		SECTION TOTAL:			0.33
		SUB-TOTAL:			0.33

#### DU PLESSIS A

##### Journal Articles (subsidised)

REID M, BORDY EM, TAYLOR WL, LE ROUX SG, DU PLESSIS A. A micro X-ray computed tomography dataset of fossil echinoderms in an ancient obrution bed: a robust method for taphonomic and palaeoecologic analyses. *GigaScience* 2019; **8**(3):giy156, 8 pages.

Author	Portion	Value	Total		
Reid M		Author	1	0.00	0.00
Bordy EM		Author	2	0.00	0.00
Taylor WL		Author	3	0.00	0.00
LE ROUX SG	Sentrale Analitiese Fasiliteit	Author	4	0.20	0.00
DU PLESSIS A	Sentrale Analitiese Fasiliteit	Author	5	0.20	0.20
		AUTHOR PORTION:			0.20
		SECTION TOTAL:			0.20

## Chapters in Books

YADROITSAVA I, DU PLESSIS A, YADROITSEV I. Bone regeneration on implants of titanium alloys produced by laser powder bed fusion: A review. In: Froes FH, Qian M (eds.) *Titanium for Consumer applications*, Elsevier Publications, Amsterdam, Netherlands, 2019: 1-49.

Yadroitsava I		Author	1	0.00	0.00
DU PLESSIS A	Sentrale Analitiese Fasiliteit	Author	2	0.00	0.00
Yadroitsev I		Author	3	0.00	0.00
				AUTHOR PORTION:	0.00
				<b>SECTION TOTAL:</b>	0.00
				<b>SUB-TOTAL:</b>	0.20

## ENGELBRECHT L

### Journal Articles (subsidised)

NEETHLING A, ENGELBRECHT L, LOOS B, KINNEAR CJ, THEART RP, ABRAHAMS S, NIESLER TR, MELLICK GD, WILLIAMS MJ, BARDIEN S. Wild-type and mutant (G2019S) leucine-rich repeat kinase 2 (LRRK2) associate with subunits of the translocase of outer mitochondrial membrane (TOM) complex. *EXPERIMENTAL CELL RESEARCH* 2019; **375**(2):72-79.

NEETHLING A	Molekulêre Biologie & Mensgenetika	Author	1	0.10	0.00
ENGELBRECHT L	Sentrale Analitiese Fasiliteit	Author	2	0.10	0.10
LOOS B	Fisiologiese Wetenskappe	Author	3	0.10	0.00
KINNEAR CJ	Molekulêre Biologie & Mensgenetika	Author	4	0.10	0.00
THEART RP	Elektriese En Elektroniese Ingenie	Author	5	0.10	0.00
ABRAHAMS S	Molekulêre Biologie & Mensgenetika	Author	6	0.10	0.00
NIESLER TR	Elektriese En Elektroniese Ingenie	Author	7	0.10	0.00
Mellick GD		Author	8	0.00	0.00
WILLIAMS MJ	Molekulêre Biologie & Mensgenetika	Author	9	0.10	0.00
BARDIEN S	Molekulêre Biologie & Mensgenetika	Author	10	0.10	0.00
				AUTHOR PORTION:	0.10

PAGE MJ, THOMSON GJA, NUNES JM, ENGELBRECHT AM, NELL TA, DE VILLIERS WJS, DE BEER MC, ENGELBRECHT L, KELL DB, PRETORIUS E. Serum amyloid A binds to fibrin(ogen), promoting fibrin amyloid formation. *Scientific Reports* 2019; **9**(3102):s41598; 14 pages.

PAGE MJ	Fisiologiese Wetenskappe	Author	1	0.10	0.00
THOMSON GJA	Fisiologiese Wetenskappe	Author	2	0.10	0.00
NUNES JM	Fisiologiese Wetenskappe	Author	3	0.10	0.00
ENGELBRECHT AM	Fisiologiese Wetenskappe	Author	4	0.10	0.00
NELL TA	Fisiologiese Wetenskappe	Author	5	0.10	0.00
DE VILLIERS WJS	Fisiologiese Wetenskappe	Author	6	0.10	0.00
De Beer MC		Author	7	0.00	0.00
ENGELBRECHT L	Sentrale Analitiese Fasiliteit	Author	8	0.10	0.10
KELL DB	Fisiologiese Wetenskappe	Author	9	0.10	0.00
PRETORIUS E	Fisiologiese Wetenskappe	Author	10	0.10	0.00
				AUTHOR PORTION:	0.10
				<b>SECTION TOTAL:</b>	0.20
				<b>SUB-TOTAL:</b>	0.20

## FRAZENBURG MR

### Journal Articles (subsidised)

LOTZE E, FRAZENBURG MR, TURKETTI SS, DREYER LL. Calcium dynamics of reproductive apple buds during the dormant season in the Western Cape, South Africa. *Scientia Horticulturae* 2019; **256**:Article number 108533, 5 pages.

LOTZE E	Hortologie	Author	1	0.25	0.00
FRAZENBURG MR	Sentrale Analitiese Fasiliteit	Author	2	0.25	0.25
TURKETTI SS	Hortologie	Author	3	0.25	0.00
DREYER LL	Plant- en Dierkunde	Author	4	0.25	0.00
				AUTHOR PORTION:	0.25
				<b>SECTION TOTAL:</b>	0.25
				<b>SUB-TOTAL:</b>	0.25

## JOUBERT L

### Journal Articles (subsidised)

PRIGOZHIN MB, MAURER PC, COURTIS AM, LIU N, WISSER MD, SIEFE C, TIAN B, CHAN E, SONG G, FISCHER S, ALONI S, OGLETREE DF, BARNARD ES, JOUBERT L, RAO J, ALIVISATOS AP, ET AL ET. Bright sub-20-nm cathodoluminescent nanoprobe for electron microscopy. *Nature Nanotechnology* 2019; **14**:420-425.

Prigozhin MB		Author	1	0.00	0.00
Maurer PC		Author	2	0.00	0.00
Courtis AM		Author	3	0.00	0.00
Liu N		Author	4	0.00	0.00
Wisser MD		Author	5	0.00	0.00
Siefe C		Author	6	0.00	0.00
Tian B		Author	7	0.00	0.00
Chan E		Author	8	0.00	0.00
Song G		Author	9	0.00	0.00
Fischer S		Author	10	0.00	0.00
Aloni S		Author	11	0.00	0.00
Ogletree DF		Author	12	0.00	0.00
Barnard ES		Author	13	0.00	0.00
JOUBERT L	Sentrale Analitiese Fasiliteit	Author	14	0.05	0.05
Rao J		Author	15	0.00	0.00
Alivisatos AP		Author	16	0.00	0.00
ET AL ET		Author	21	0.00	0.00
				AUTHOR PORTION:	0.05

REICHHARDT C, JOUBERT L, CLEMONS KV, STEVENS DA, CEGELSKI L. Integration of electron microscopy and solid-state NMR analysis for new

views and compositional parameters of *Aspergillus fumigatus* biofilms. *MEDICAL MYCOLOGY* 2019; **57**:S239 - S244.

Reichardt C		Author	1	0.00	0.00
JOUBERT L	Sentrale Analitiese Fasiliteit	Author	2	0.00	0.00
Clemons KV		Author	3	0.00	0.00
Stevens DA		Author	4	0.00	0.00
Cegelski L		Author	5	0.00	0.00
				AUTHOR PORTION:	0.00

SAMIE S, TROLLOPE KM, JOUBERT L, MAKUNGA NP, VOLSCHEK H. The antifungal and *Cryptococcus neoformans* virulence attenuating activity of *Pelargonium sidoides* extracts. *Journal of Ethnopharmacology* 2019; **235**:122-132.

SAMIE S	Mikrobiologie	Author	1	0.20	0.00
TROLLOPE KM	Mikrobiologie	Author	2	0.20	0.00
JOUBERT L	Sentrale Analitiese Fasiliteit	Author	3	0.20	0.20
MAKUNGA NP	Plant- en Dierkunde	Author	4	0.20	0.00
VOLSCHEK H	Mikrobiologie	Author	5	0.20	0.00
				AUTHOR PORTION:	0.20

SASS G, MADIGAN RT, JOUBERT L, BOZZI A, SAYED N, WU JC, STEVENS DA. A Combination of Itraconazole and Amiodarone Is Highly Effective against *Trypanosoma cruzi* Infection of Human Stem Cell-Derived Cardiomyocytes. *AMERICAN JOURNAL OF TROPICAL MEDICINE AND HYGIENE* 2019; **101**(2):383-391.

Sass G		Author	1	0.00	0.00
Madigan RT		Author	2	0.00	0.00
JOUBERT L	Sentrale Analitiese Fasiliteit	Author	3	0.14	0.14
Bozzi A		Author	4	0.00	0.00
Sayed N		Author	5	0.00	0.00
Wu JC		Author	6	0.00	0.00
Stevens DA		Author	7	0.00	0.00
				AUTHOR PORTION:	0.14

WOODBURN KW, CLEMENS LE, JAYNES J, JOUBERT L, BOTHA A, NAZIK H, STEVENS DA. Designed Antimicrobial Peptides for Recurrent Vulvovaginal Candidiasis Treatment. *Antimicrobial Agents and Chemotherapy* 2019; **63**:e02690, 18 pages.

Woodburn KW		Author	1	0.00	0.00
Clemens LE		Author	2	0.00	0.00
Jaynes J		Author	3	0.00	0.00
JOUBERT L	Sentrale Analitiese Fasiliteit	Author	4	0.14	0.14
BOTHA A	Mikrobiologie	Author	5	0.14	0.00
Nazik H		Author	6	0.00	0.00
Stevens DA		Author	7	0.00	0.00
				AUTHOR PORTION:	0.14
				<b>SECTION TOTAL:</b>	0.54
				<b>SUB-TOTAL:</b>	0.54

## LE ROUX SG

### Journal Articles (subsidised)

CLOETE K, ŠMIT A, MINNIS-NDIMBA R, VAVPETIČ P, DU PLESSIS A, LE ROUX SG, PELICON P. Physico-elemental analysis of roasted organic coffee beans from Ethiopia, Colombia, Honduras, and Mexico using X-ray micro-computed tomography and external beam particle induced X-ray emission. *Food Chemistry* 2019; **X2**:100032, 8 pages.

Cloete K		Author	1	0.00	0.00
Šmit ŽA		Author	2	0.00	0.00
Minnis-Ndimba R		Author	3	0.00	0.00
Vavpetič P		Author	4	0.00	0.00
DU PLESSIS A	Fisika	Author	5	0.14	0.00
LE ROUX SG	Sentrale Analitiese Fasiliteit	Author	6	0.14	0.14
Pelicon P		Author	7	0.00	0.00
				AUTHOR PORTION:	0.14

DU PLESSIS A, LE ROUX SG, TSHIBALANGANDA M. Advancing X-ray micro computed tomography in Africa: going far, together. *Scientific African* 2019; **3**:e00061, 13 pages.

DU PLESSIS A	Fisika	Author	1	0.33	0.00
LE ROUX SG	Sentrale Analitiese Fasiliteit	Author	2	0.33	0.33
TSHIBALANGANDA M	Sentrale Analitiese Fasiliteit	Author	3	0.33	0.00
				AUTHOR PORTION:	0.33

DU PLESSIS A, LE ROUX SG, WALLER J, SPERLING P, ACHILLES N, BEERLINK A, MÉTAYER J, SINICO M, PROBST G, DEWULF W, BITTNER F, ENDRES H, WILLNER M, DRÉGELYI-KISS Á, ZIKMUND T, LAZNOVSKY J, KAISER J, PINTER P, DIETRICH S, LOPEZ E, FITZEK O, KONRAD P. Laboratory X-ray tomography for metal additive manufacturing: Round Robin Test. *Additive Manufacturing* 2019; **30**:100837, 15 pages.

DU PLESSIS A	Fisika	Author	1	0.05	0.00
LE ROUX SG	Sentrale Analitiese Fasiliteit	Author	2	0.05	0.05
Waller J		Author	3	0.00	0.00
Sperling P		Author	4	0.00	0.00
Achilles N		Author	5	0.00	0.00
Beerlink A		Author	6	0.00	0.00
Métayer J		Author	7	0.00	0.00
Sinico M		Author	8	0.00	0.00
Probst G		Author	9	0.00	0.00
Dewulf W		Author	10	0.00	0.00
Bittner F		Author	11	0.00	0.00
Endres H		Author	12	0.00	0.00
Willner M		Author	13	0.00	0.00
Drégelyi-Kiss Á		Author	14	0.00	0.00
Zikmund T		Author	15	0.00	0.00
Laznovsky J		Author	16	0.00	0.00
Kaiser J		Author	17	0.00	0.00

Pinter P		Author	18	0.00	0.00
Dietrich S		Author	19	0.00	0.00
Lopez E		Author	20	0.00	0.00
Fitzek O		Author	21	0.00	0.00
Konrad P		Author	22	0.00	0.00
				AUTHOR PORTION:	0.05

LE ROUX SG, DU PLESSIS A, CLARKE CE. MicroCT-based bulk density measurement method for soils. *Journal of the South African Institution of Civil Engineering* 2019; **61**(1):2-9.

LE ROUX SG	Sentrale Analitiese Fasiliteit	Author	1	0.33	0.33
DU PLESSIS A	Fisika	Author	2	0.33	0.00
CLARKE CE	Grondkunde	Author	3	0.33	0.00
				AUTHOR PORTION:	0.33

REID M, BORDY EM, TAYLOR WL, LE ROUX SG, DU PLESSIS A. A micro X-ray computed tomography dataset of fossil echinoderms in an ancient obrution bed: a robust method for taphonomic and palaeoecologic analyses. *GigaScience* 2019; **8**(3):giy156, 8 pages.

Reid M		Author	1	0.00	0.00
Bordy EM		Author	2	0.00	0.00
Taylor WL		Author	3	0.00	0.00
LE ROUX SG	Sentrale Analitiese Fasiliteit	Author	4	0.20	0.20
DU PLESSIS A	Sentrale Analitiese Fasiliteit	Author	5	0.20	0.00
				AUTHOR PORTION:	0.20

TSHIBALANGANDA M, DU PLESSIS A, LE ROUX SG, TAYLOR WL, SMITH RMH, BROWNING C. Systematic experiments to quantitatively assess image quality for CT scans of a Karoo tetrapod fossil. *Palaeontologia Africana* 2019; **54**:1-13.

TSHIBALANGANDA M	Sentrale Analitiese Fasiliteit	Author	1	0.17	0.00
DU PLESSIS A	Fisika	Author	2	0.17	0.00
LE ROUX SG	Sentrale Analitiese Fasiliteit	Author	3	0.17	0.17
Taylor WL		Author	4	0.00	0.00
Smith RMH		Author	5	0.00	0.00
Browning C		Author	6	0.00	0.00
				AUTHOR PORTION:	0.17
				<b>SECTION TOTAL:</b>	1.22
				<b>SUB-TOTAL:</b>	1.22

## MOKWENA LM

### Journal Articles (subsidised)

MCKAY MA, BAUER FF, PANZERI V, MOKWENA LM, BUICA AS. Profiling potentially smoke tainted red wines: Volatile phenols and aroma attributes. *South African Journal of Enology and Viticulture* 2019; **40**(2):1-16.

MCKAY MA	Wingerd- En Wynkunde	Author	1	0.20	0.00
BAUER FF	Wingerd- En Wynkunde	Author	2	0.20	0.00
PANZERI V	Wingerd- En Wynkunde	Author	3	0.20	0.00
MOKWENA LM	Sentrale Analitiese Fasiliteit	Author	4	0.20	0.20
BUICA AS	Wingerd- En Wynkunde	Author	5	0.20	0.00
				AUTHOR PORTION:	0.20
				<b>SECTION TOTAL:</b>	0.20
				<b>SUB-TOTAL:</b>	0.20

## STANDER MA

### Journal Articles (subsidised)

MAKUMBELE FP, TAYLOR MJC, STANDER MA, ANYASI TA, JIDEANI AIO. Polyphenolic and Physicochemical Properties of Simple-Spined Num-Num (*Carissa edulis*) Fruit Harvested at Ripe Stage of Maturation. *Molecules* 2019; **24**:2630, 19 pages.

Makumbele FP		Author	1	0.00	0.00
TAYLOR MJC	Sentrale Analitiese Fasiliteit	Author	2	0.20	0.00
STANDER MA	Sentrale Analitiese Fasiliteit	Author	3	0.20	0.20
Anyasi TA		Author	4	0.00	0.00
Jideani AIO		Author	5	0.00	0.00
				AUTHOR PORTION:	0.20

MOSEKIEMANG TT, STANDER MA, DE VILLIERS AJ. Simultaneous quantification of commonly prescribed antiretroviral drugs and their selected metabolites in aqueous environmental samples by direct injection and solid phase extraction liquid chromatography - tandem mass spectrometry. *Chemosphere* 2019; **220**:983-992.

MOSEKIEMANG TT	Chemie & Polimeerwetenskap	Author	1	0.33	0.00
STANDER MA	Sentrale Analitiese Fasiliteit	Author	2	0.33	0.33
DE VILLIERS AJ	Chemie & Polimeerwetenskap	Author	3	0.33	0.00
				AUTHOR PORTION:	0.33

STANDER MA, BRENDLER T, REDELINGHUYS H, VAN WYK B-E. The commercial history of Cape herbal teas and the analysis of phenolic compounds in historic teas from a depository of 1933. *Journal of Food Composition and Analysis* 2019; **76**:66-73.

STANDER MA	Sentrale Analitiese Fasiliteit	Author	1	0.25	0.25
Brendler T		Author	2	0.00	0.00
REDELINGHUYS H	Sentrum Vir Navorsing oor Evaluasie, Wetenskap & Tegnologie (SENWET)	Author	3	0.25	0.00
Van Wyk B-E		Author	4	0.00	0.00
				AUTHOR PORTION:	0.25

STANDER MA, JOUBERT E, DE BEER D. Revisiting the caffeine-free status of rooibos and honeybush herbal teas using specific MRM and high resolution LC-MS methods. *Journal of Food Composition and Analysis* 2019; **76**:39-43.

STANDER MA	Sentrale Analitiese Fasiliteit	Author	1	0.33	0.33
JOUBERT E	Voedselwetenskap	Author	2	0.33	0.00
DE BEER D	Voedselwetenskap	Author	3	0.33	0.00
				AUTHOR PORTION:	0.33

STANDER MA, REDELINGHUYS H, MASIKE K, LONG H, VAN WYK B-E. Patterns of Variation and Chemosystematic Significance of Phenolic Compounds in the Genus Cyclopia (Fabaceae, Podalyrieae). *Molecules* 2019; **24**:2352, 20 pages.

STANDER MA	Sentrale Analitiese Fasiliteit	Author	1	0.20	0.20
REDELINGHUYS H	Sentrum Vir Navorsing oor Evaluasie, Wetenskap & Tegnologie (SENWET)	Author	2	0.20	0.00

MASIKE K	Biochemie	Author	3	0.20	0.00
Long H		Author	4	0.00	0.00
Van Wyk B-E		Author	5	0.00	0.00

AUTHOR PORTION: 0.20

**SECTION TOTAL:** 1.32

**SUB-TOTAL:** 1.32

## TAYLOR MJC

### Journal Articles (subsidised)

MAKUMBELE FP, TAYLOR MJC, STANDER MA, ANYASI TA, JIDEANI AIO. Polyphenolic and Physicochemical Properties of Simple-Spined Num-Num (*Carissa edulis*) Fruit Harvested at Ripe Stage of Maturation. *Molecules* 2019; **24**:2630, 19 pages.

Makumbele FP		Author	1	0.00	0.00
TAYLOR MJC	Sentrale Analitiese Fasiliteit	Author	2	0.20	0.20
STANDER MA	Sentrale Analitiese Fasiliteit	Author	3	0.20	0.00
Anyasi TA		Author	4	0.00	0.00
Jideani AIO		Author	5	0.00	0.00

AUTHOR PORTION: 0.20

PATEL O, MULLER CJF, JOUBERT E, ROSENKRANZ BF, TAYLOR MJC, LOUW J, AWORTWE C. Pharmacokinetic Interaction of Green Rooibos Extract With Atorvastatin and Metformin in Rats. *Frontiers in Pharmacology* 2019; **10**:Article 1243, 8 pages.

PATEL O	Kliniese Farmakologie	Author	1	0.14	0.00
MULLER CJF	Kliniese Farmakologie	Author	2	0.07	0.00
JOUBERT E	Voedselwetenskap	Author	3	0.14	0.00
ROSENKRANZ BF	Kliniese Farmakologie	Author	4	0.14	0.00
TAYLOR MJC	Sentrale Analitiese Fasiliteit	Author	5	0.14	0.14
Louw J		Author	6	0.00	0.00
AWORTWE C	Kliniese Farmakologie	Author	7	0.14	0.00

AUTHOR PORTION: 0.14

**SECTION TOTAL:** 0.34

**SUB-TOTAL:** 0.34

## TSHIBALANGANDA M

### Journal Articles (subsidised)

DU PLESSIS A, LE ROUX SG, TSHIBALANGANDA M. Advancing X-ray micro computed tomography in Africa: going far, together. *Scientific African* 2019; **3**:e00061, 13 pages.

DU PLESSIS A	Fisika	Author	1	0.33	0.00
LE ROUX SG	Sentrale Analitiese Fasiliteit	Author	2	0.33	0.00
TSHIBALANGANDA M	Sentrale Analitiese Fasiliteit	Author	3	0.33	0.33

AUTHOR PORTION: 0.33

TSHIBALANGANDA M, DU PLESSIS A, LE ROUX SG, TAYLOR WL, SMITH RMH, BROWNING C. Systematic experiments to quantitatively assess image quality for CT scans of a Karoo tetrapod fossil. *Palaeontologia Africana* 2019; **54**:1-13.

TSHIBALANGANDA M	Sentrale Analitiese Fasiliteit	Author	1	0.17	0.17
DU PLESSIS A	Fisika	Author	2	0.17	0.00
LE ROUX SG	Sentrale Analitiese Fasiliteit	Author	3	0.17	0.00
Taylor WL		Author	4	0.00	0.00
Smith RMH		Author	5	0.00	0.00
Browning C		Author	6	0.00	0.00

AUTHOR PORTION: 0.17

**SECTION TOTAL:** 0.50

**SUB-TOTAL:** 0.50

## VAN HEERDEN CJ

### Journal Articles (subsidised)

ABOLNIK C, PIETERSE R, PEYROT BM, CHOMA P, PHIRI TP, EBERSOHN L, VAN HEERDEN CJ, VORSTER AA, VAN DER ZEL G, GEERTSMA PJ, LALEYE AT, GOVINDASAMY K, RAUFF DL. The incursion and spread of highly pathogenic Avian Influenza H5N8 Clade 2.3.4.4 within South Africa. *AVIAN DISEASES* 2019; **63**:149-156.

Abolnik C		Author	1	0.00	0.00
Pieterse R		Author	2	0.00	0.00
Peyrot BM		Author	3	0.00	0.00
Choma P		Author	4	0.00	0.00
Phiri TP		Author	5	0.00	0.00
Ebersohn L		Author	6	0.00	0.00
VAN HEERDEN CJ	Sentrale Analitiese Fasiliteit	Author	7	0.08	0.08
VORSTER AA	Sentrale Analitiese Fasiliteit	Author	8	0.08	0.00
van der Zel G		Author	9	0.00	0.00
Geertsma PJ		Author	10	0.00	0.00
Laleye AT		Author	11	0.00	0.00
Govindasamy K		Author	12	0.00	0.00
Rauff DL		Author	13	0.00	0.00

AUTHOR PORTION: 0.08

JANSE VAN RENSBURG S, PEETERS AV, VAN TOORN R, SCHOEMAN JF, MOREMI KE, VAN HEERDEN CJ, KOTZE MJ. Identification of an iron-responsive subtype in two children diagnosed with relapsing-remitting multiple sclerosis using whole exome sequencing. *Molecular Genetics and Metabolism Reports* 2019; **19**:100465, 8 pages.

JANSE VAN RENSBURG S	Chemiese Patologie	Author	1	0.14	0.00
PEETERS AV	Anatomiese Patologie	Author	2	0.14	0.00
VAN TOORN R	Pediatrie En Kindergesondheid	Author	3	0.14	0.00
SCHOEMAN JF	Pediatrie En Kindergesondheid	Author	4	0.14	0.00
MOREMI KE	Chemiese Patologie	Author	5	0.14	0.00
VAN HEERDEN CJ	Sentrale Analitiese Fasiliteit	Author	6	0.14	0.14
KOTZE MJ	Chemiese Patologie	Author	7	0.14	0.00

WINGFIELD BD, FOURIE A, SIMPSON MC, BUSHULA-NJAH VS, AYLWARD J, BARNES I, COETZEE MPA, DREYER LL, DUONG TA, GEISER DM, ROETS F, STEENKAMP ET, VAN HEERDEN CJ, WINGFIELD MJ. Draft genome sequences of *Fusarium xylarioides*, *Teratosphaeria gauchensis* and *T. zuluensis* and genome annotation for *Ceratocystis fimbriata*. *IMA Fungus* 2019; **10** : Article number: 13, 10 pages.

Wingfield BD		Author	1	0.00	0.00
Fourie A		Author	2	0.00	0.00
Simpson MC		Author	3	0.00	0.00
Bushula-Njah VS		Author	4	0.00	0.00
Aylward J		Author	5	0.00	0.00
Barnes I		Author	6	0.00	0.00
Coetzee MPA		Author	7	0.00	0.00
DREYER LL	Plant- en Dierkunde	Author	8	0.07	0.00
Duong TA		Author	9	0.00	0.00
Geiser DM		Author	10	0.00	0.00
ROETS F	Bewaringsekologie en Entomologie	Author	11	0.07	0.00
Steenkamp ET		Author	12	0.00	0.00
VAN HEERDEN CJ	Sentrale Analitiese Fasiliteit	Author	14	0.07	0.07
Wingfield MJ		Author	15	0.00	0.00

AUTHOR PORTION: 0.07  
**SECTION TOTAL:** 0.29  
**SUB-TOTAL:** 0.29

**VORSTER AA**  
**Journal Articles (subsidised)**

ABOLNIK C, PIETERSE R, PEYROT BM, CHOMA P, PHIRI TP, EBERSOHN L, VAN HEERDEN CJ, VORSTER AA, VAN DER ZEL G, GEERTSMA PJ, LALEYE AT, GOVINDASAMY K, RAUFF DL. The incursion and spread of highly pathogenic Avian Influenza H5N8 Clade 2.3.4.4 within South Africa. *AVIAN DISEASES* 2019; **63**:149-156.

Abolnik C		Author	1	0.00	0.00
Pieterse R		Author	2	0.00	0.00
Peyrot BM		Author	3	0.00	0.00
Choma P		Author	4	0.00	0.00
Phiri TP		Author	5	0.00	0.00
Ebersohn L		Author	6	0.00	0.00
VAN HEERDEN CJ	Sentrale Analitiese Fasiliteit	Author	7	0.08	0.00
VORSTER AA	Sentrale Analitiese Fasiliteit	Author	8	0.08	0.08
van der Zel G		Author	9	0.00	0.00
Geertsma PJ		Author	10	0.00	0.00
Laleye AT		Author	11	0.00	0.00
Govindasamy K		Author	12	0.00	0.00
Rauff DL		Author	13	0.00	0.00

AUTHOR PORTION: 0.08

KATSIDZIRA L, VORSTER AA, GANGAIDZO IT, MAKUNIKE-MUTASA R, GOVENDER D, RUSAKANIKO S, THOMSON S, MATENGA JA, RAMESAR R. Investigation on the hereditary basis of colorectal cancers in an African population with frequent early onset cases. *PLoS One* 2019; **14**(10):e0224023, 13 pages.

Katsidzira L		Author	1	0.00	0.00
VORSTER AA	Sentrale Analitiese Fasiliteit	Author	2	0.06	0.06
Gangaidzo IT		Author	3	0.00	0.00
Makunike-Mutasa R		Author	4	0.00	0.00
Govender D		Author	5	0.00	0.00
Rusakaniko S		Author	6	0.00	0.00
Thomson S		Author	7	0.00	0.00
Matenga JA		Author	8	0.00	0.00
Ramesar R		Author	9	0.00	0.00

AUTHOR PORTION: 0.06  
**SECTION TOTAL:** 0.14  
**SUB-TOTAL:** 0.14

**GRAND TOTAL: 6.31**

SIGNED BY HOD : .....

NAME : .....

DATE : .....