

Neil A Koorbanally

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

149 papers	1,579 citations	23 h-index	32 g-index
161 ext. papers	1,945 ext. citations	3.1 avg, IF	5.16 L-index

#	Paper	IF	Citations
149	Laccase-mediated modification of isorhamnetin improves antioxidant and antibacterial activities. <i>Process Biochemistry</i> , 2022 , 112, 53-61	4.8	2
148	Sesquiterpene lactones from and their quorum sensing inhibitory activity. <i>Natural Product Research</i> , 2021 , 35, 4517-4523	2.3	2
147	Curcumin modulates multiple cell death, matrix metalloproteinase activation and cardiac protein release in susceptible and resistant <i>Plasmodium berghei</i> -infected mice. <i>Biomedicine and Pharmacotherapy</i> , 2021 , 146, 112454	7.5	3
146	Studies on the mitochondrial, immunological and inflammatory effects of solvent fractions of <i>Diospyros mespiliformis</i> Hochst in <i>Plasmodium berghei</i> -infected mice. <i>Scientific Reports</i> , 2021 , 11, 6941	4.9	3
145	Butanol fraction of <i>De Wild.</i> leaves ameliorate oxidative stress and modulate key hypoglycaemic processes in diabetic rats. <i>Archives of Physiology and Biochemistry</i> , 2021 , 1-14	2.2	
144	Cytotoxicity and Antibacterial Evaluation of O-Alkylated/Acylated Quinazolin-4-one Schiff Bases. <i>Chemistry and Biodiversity</i> , 2021 , 18, e2100096	2.5	3
143	Protects Against Oxidative Cardiotoxicity by Suppressing Lipid Dysmetabolism and Modulating Cardiometabolic Activities Linked to Cardiac Dysfunctions. <i>Frontiers in Pharmacology</i> , 2021 , 12, 610835	5.6	0
142	<i>Cola Nitida</i> (Kola Nuts) Attenuates Hepatic Injury in Type 2 Diabetes by Improving Antioxidant and Cholinergic Dysfunctions and Dysregulated Lipid Metabolism. <i>Endocrine, Metabolic and Immune Disorders - Drug Targets</i> , 2021 , 21, 688-699	2.2	2
141	L-leucine stimulation of glucose uptake and utilization involves modulation of glucose - lipid metabolic switch and improved bioenergetic homeostasis in isolated rat psoas muscle ex vivo. <i>Amino Acids</i> , 2021 , 53, 1135-1151	3.5	1
140	Antibacterial evaluation and molecular docking studies of pyrazole-thiosemicarbazones and their pyrazole-thiazolidinone conjugates. <i>Molecular Diversity</i> , 2021 , 25, 191-204	3.1	6
139	Oleanolic acid as a potential antidiabetic component of (<i>Dunal</i>) A. Rich. (Annonaceae) fruit: bioassay guided isolation and molecular docking studies. <i>Natural Product Research</i> , 2021 , 35, 788-791	2.3	5
138	A novel and unusual tetramethoxylated crinine alkaloid from <i>Ammocharis coranica</i> (Amaryllidaceae). <i>South African Journal of Botany</i> , 2021 , 137, 451-454	2.9	2
137	Bioactive compounds of African star apple (<i>Chrysophyllum albidum</i> G. Don) and its modulatory effect on metabolic activities linked to type 2 diabetes in isolated rat psoas muscle. <i>Journal of Food Biochemistry</i> , 2021 , 45, e13576	3.3	3
136	Phytochemical constituents of sterol-rich fraction from <i>Allium cepa</i> L. and its cytotoxic effect on human embryonic kidney (HEK293) cells. <i>Journal of Food Biochemistry</i> , 2021 , 45, e13586	3.3	1
135	Ferulic acid promotes muscle glucose uptake and modulate dysregulated redox balance and metabolic pathways in ferric-induced pancreatic oxidative injury. <i>Journal of Food Biochemistry</i> , 2021 , e13641	3.3	1
134	Oxidative testicular injury: effect of L-leucine on redox, cholinergic and purinergic dysfunctions, and dysregulated metabolic pathways. <i>Amino Acids</i> , 2021 , 53, 359-380	3.5	6
133	Enzymatic dimerization of luteolin enhances antioxidant and antimicrobial activities. <i>Biocatalysis and Agricultural Biotechnology</i> , 2021 , 35, 102105	4.2	2

132	Cola nitida infusion modulates cardiometabolic activities linked to cardiomyopathy in diabetic rats. <i>Food and Chemical Toxicology</i> , 2021 , 154, 112335	4.7	0
131	Antimalarial and Erythrocyte Membrane Stability Properties of (Engle Van Tiegh) Growing on Cocoa in -Infected Mice. <i>Infection and Drug Resistance</i> , 2021 , 14, 3795-3808	4.2	2
130	GC-MS metabolomics reveals dysregulated lipid metabolic pathways and metabolites in diabetic testicular toxicity: Therapeutic potentials of raffia palm (Raphia hookeri G. Mann & H. Wendl) wine. <i>Journal of Ethnopharmacology</i> , 2021 , 279, 114390	5	2
129	Phytochemical properties of black tea () and rooibos tea (); and their modulatory effects on key hyperglycaemic processes and oxidative stress. <i>Journal of Food Science and Technology</i> , 2020 , 57, 4345-4354	3.34	2
128	Umbelliferone stimulates glucose uptake; modulates gluconeogenic and nucleotide-hydrolyzing enzymes activities, and dysregulated lipid metabolic pathways in isolated psoas muscle. <i>Journal of Functional Foods</i> , 2020 , 67, 103847	5.1	9
127	Vanillin and vanillic acid modulate antioxidant defense system via amelioration of metabolic complications linked to Fe-induced brain tissues damage. <i>Metabolic Brain Disease</i> , 2020 , 35, 727-738	3.9	26
126	inhibits key carbohydrate digesting enzyme and intestinal glucose absorption and modulates glucose metabolism in diabetic rats. <i>Archives of Physiology and Biochemistry</i> , 2020 , 1-11	2.2	3
125	Ferric-Induced Pancreatic Injury Involves Exacerbation of Cholinergic and Proteolytic Activities, and Dysregulation of Metabolic Pathways: Protective Effect of Caffeic Acid. <i>Biological Trace Element Research</i> , 2020 , 196, 517-527	4.5	3
124	Synthesis and antibacterial activity of a series of 2-trifluoromethylbenzimidazole-thiazolidinone derivatives. <i>Journal of Heterocyclic Chemistry</i> , 2020 , 57, 299-307	1.9	5
123	Buddleja saligna Willd (Loganiaceae) inhibits angiotensin-converting enzyme activity in oxidative cardiopathy with concomitant modulation of nucleotide hydrolyzing enzymatic activities and dysregulated lipid metabolic pathways. <i>Journal of Ethnopharmacology</i> , 2020 , 248, 112358	5	10
122	New library of pyrazole-imidazo[1,2-b]pyridine molecular conjugates: Synthesis, antibacterial activity and molecular docking studies. <i>Chemical Biology and Drug Design</i> , 2020 , 95, 162-173	2.9	6
121	Sequential extracts of red honeybush (Cyclopia genistoides) tea: Chemical characterization, antioxidant potentials, and anti-hyperglycemic activities. <i>Journal of Food Biochemistry</i> , 2020 , 44, e13478	3.3	0
120	Casein micelles from bovine Milk exerts Neuroprotection by stalling metabolic complications linked to oxidative brain injury. <i>Metabolic Brain Disease</i> , 2020 , 35, 1417-1428	3.9	
119	Determination of radical scavenging activities of some pyrimidine derivatives. <i>Tropical Journal of Pharmaceutical Research</i> , 2020 , 19, 45-49	0.8	
118	and computational studies of the antioxidant and anti-diabetic properties of. <i>Journal of Biomolecular Structure and Dynamics</i> , 2020 , 1-15	3.6	1
117	Hyperglycemia alters lipid metabolism and ultrastructural morphology of cerebellum in brains of diabetic rats: Therapeutic potential of raffia palm (Raphia hookeri G. Mann & H. Wendl) wine. <i>Neurochemistry International</i> , 2020 , 140, 104849	4.4	1
116	Catechol protects against iron-mediated oxidative brain injury by restoring antioxidative metabolic pathways; and modulation of purinergic and cholinergic enzymes activities. <i>Journal of Pharmacy and Pharmacology</i> , 2020 , 72, 1787-1797	4.8	1
115	Kolaviron modulates dysregulated metabolism in oxidative pancreatic injury and inhibits intestinal glucose absorption with concomitant stimulation of muscle glucose uptake. <i>Archives of Physiology and Biochemistry</i> , 2020 , 1-11	2.2	4

114	Ferulic Acid Modulates Dysfunctional Metabolic Pathways and Purinergic Activities, While Stalling Redox Imbalance and Cholinergic Activities in Oxidative Brain Injury. <i>Neurotoxicity Research</i> , 2020 , 37, 944-955	4.3	16
113	Synthesis of chloro, fluoro, and nitro derivatives of 7-amino-5-aryl-6-cyano-5H-pyrano pyrimidin-2,4-diones using organic catalysts and their antimicrobial and anticancer activities. <i>Journal of Heterocyclic Chemistry</i> , 2019 , 56, 3008-3016	1.9	5
112	Crassocephalum rubens, a leafy vegetable, suppresses oxidative pancreatic and hepatic injury and inhibits key enzymes linked to type 2 diabetes: An ex vivo and in silico study. <i>Journal of Food Biochemistry</i> , 2019 , 43, e12930	3.3	3
111	Synthesis, antibacterial activity and docking studies of substituted quinolone thiosemicarbazones. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2019 , 194, 1074-1081	1	7
110	Raffia palm (<i>Raphia hookeri</i> G. Mann & H. Wendl) wine modulates glucose homeostasis by enhancing insulin secretion and inhibiting redox imbalance in a rat model of diabetes induced by high fructose diet and streptozotocin. <i>Journal of Ethnopharmacology</i> , 2019 , 237, 159-170	5	19
109	The phytochemistry and gastroprotective activities of the leaves of <i>Ficus glumosa</i> . <i>South African Journal of Botany</i> , 2019 , 126, 190-195	2.9	5
108	Highly regio- and diastereoselective synthesis of oxo-1,2,3,4-tetrahydropyrazino[1,2-a]indoles, based on a post-Ugi condensation: joint experimental and computational study. <i>Journal of the Iranian Chemical Society</i> , 2019 , 16, 1517-1526	2	0
107	Ligand Free Heterogeneous Sonogashira Cross-Coupling Reaction over an in Situ Organiodine Capsulized Palladium Anchored to a Perovskite Catalyst. <i>ACS Sustainable Chemistry and Engineering</i> , 2019 , 7, 12697-12706	8.3	7
106	Phytochemical constituents, antioxidant and antidiabetic activities of different extracts of the leaves, stem and root barks of <i>Alstonia boonei</i> : an in vitro and in silico study. <i>Botany Letters</i> , 2019 , 166, 444-456	1.1	6
105	Flowers of modulates redox homeostasis and suppresses DNA fragmentation in Fe - induced oxidative hepatic and pancreatic injuries; and inhibits carbohydrate catabolic enzymes linked to type 2 diabetes. <i>Journal of Diabetes and Metabolic Disorders</i> , 2019 , 18, 513-524	2.5	1
104	Gastroprotective Effect and Chemical Constituents of <i>Flabellaria paniculata</i> (Malpighiaceae). <i>Natural Product Communications</i> , 2019 , 14, 1934578X1986034	0.9	
103	Raffia palm (<i>Raphia hookeri</i>) wine inhibits glucose diffusion; improves antioxidative activities; and modulates dysregulated pathways and metabolites in oxidative pancreatic injury. <i>Journal of Food Biochemistry</i> , 2019 , 43, e12749	3.3	6
102	<i>Vernonia Amygdalina</i> Del. stimulated glucose uptake in brain tissues enhances antioxidative activities; and modulates functional chemistry and dysregulated metabolic pathways. <i>Metabolic Brain Disease</i> , 2019 , 34, 721-732	3.9	28
101	<i>Azadirachta indica</i> inhibits key enzyme linked to type 2 diabetes in vitro, abates oxidative hepatic injury and enhances muscle glucose uptake ex vivo. <i>Biomedicine and Pharmacotherapy</i> , 2019 , 109, 734-743 ⁵	7.5	24
100	Application of Decafluorobiphenyl (DFBP) Moiety as a Linker in Bioconjugation. <i>Bioconjugate Chemistry</i> , 2018 , 29, 225-233	6.3	5
99	Synthesis and Bioactivity of Quinoline-3-carboxamide Derivatives. <i>Journal of Heterocyclic Chemistry</i> , 2018 , 55, 1002-1009	1.9	8
98	Biological evaluation of phytoconstituents from <i>Markhamia tomentosa</i> ethanolic leaf extract. <i>South African Journal of Botany</i> , 2018 , 115, 31-36	2.9	1
97	Small laccase-catalyzed synthesis of a caffeic acid dimer with high antioxidant capacity. <i>Process Biochemistry</i> , 2018 , 69, 99-105	4.8	21

96	Investigations into the flexibility of the 3D structure and rigid backbone of quinoline by fluorine addition to enhance its blue emission. <i>CrystEngComm</i> , 2018 , 20, 2316-2323	3.3	4
95	Boerhaavia diffusa inhibits key enzymes linked to type 2 diabetes in vitro and in silico; and modulates abdominal glucose absorption and muscle glucose uptake ex vivo. <i>Biomedicine and Pharmacotherapy</i> , 2018 , 106, 1116-1125	7.5	30
94	The effects of Ficus carica on the activity of enzymes related to metabolic syndrome. <i>Journal of Food and Drug Analysis</i> , 2018 , 26, 201-210	7	31
93	Acalypha Wilkesiana Java White: Identification of Some Bioactive Compounds by GC-MS and Their Effects on Key Enzymes Linked to Type 2 Diabetes. <i>Acta Pharmaceutica</i> , 2018 , 68, 425-439	3.2	4
92	Perfluorophenyl Derivatives as Unsymmetrical Linkers for Solid Phase Conjugation. <i>Frontiers in Chemistry</i> , 2018 , 6, 589	5	2
91	Phaseolus lunatus (lima beans) abates Fe ²⁺ -induced hepatic redox imbalance; inhibits intestinal glucose absorption and major carbohydrate catabolic enzymes; and modulates muscle glucose uptake. <i>Journal of Food Biochemistry</i> , 2018 , 42, e12655	3.3	3
90	Concentrated hot water-infusion of phragmanthera incana improves muscle glucose uptake, inhibits carbohydrate digesting enzymes and abates Fe-induced oxidative stress in hepatic tissues. <i>Biomedicine and Pharmacotherapy</i> , 2018 , 108, 417-423	7.5	12
89	Crystal structure of (S)-tert-butyl-(1-hydroxypropan-2-yl)carbamate, C ₈ H ₁₇ NO ₃ . <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2018 , 233, 49-50	0.2	
88	New Route for the Synthesis of Thiazolidine 2,4-dione Azepine Derivatives. <i>Journal of Heterocyclic Chemistry</i> , 2017 , 54, 1071-1076	1.9	3
87	Microwave synthesis, biological evaluation and docking studies of 2-substituted methyl 1-(4-fluorophenyl)-1H-benzimidazole-5-carboxylates. <i>Medicinal Chemistry Research</i> , 2017 , 26, 484-498	2.2	5
86	Inhibition of key enzymes linked to type 2 diabetes by compounds isolated from Aframomum melegueta fruit. <i>Pharmaceutical Biology</i> , 2017 , 55, 1010-1016	3.8	26
85	Synthesis, in vitro antimicrobial, antioxidant, and antidiabetic activities of thiazolidine-quinoxaline derivatives with amino acid side chains. <i>Medicinal Chemistry Research</i> , 2017 , 26, 2141-2151	2.2	10
84	Anti-adhesion potential of non-polar compounds and extracts from Ficus natalensis. <i>Revista Brasileira De Farmacognosia</i> , 2017 , 27, 599-602	2	6
83	Investigation of conventional and non-conventional hydrogen bonds: a comparison of fluorine-substituted and non-fluorine substituted compounds. <i>Monatshefte Für Chemie</i> , 2017 , 148, 2061-2068	1.4	4
82	IN CHEMO-PREVENTATIVE ACTIVITY OF ARIL EXTRACT CONTAINING BILIRUBIN. <i>Tropical Journal of Obstetrics and Gynaecology</i> , 2017 , 14, 147-156	0.3	8
81	α-Glucosidase and α-Amylase Inhibitory Compounds from three African Medicinal Plants: An Enzyme Inhibition Kinetics Approach. <i>Natural Product Communications</i> , 2017 , 12, 1934578X1701200	0.9	3
80	Recent advances (2015-2016) in anticancer hybrids. <i>European Journal of Medicinal Chemistry</i> , 2017 , 142, 179-212	6.8	131
79	Caffeine - rich infusion from Cola nitida (kola nut) inhibits major carbohydrate catabolic enzymes; abates redox imbalance; and modulates oxidative dysregulated metabolic pathways and metabolites in Fe-induced hepatic toxicity. <i>Biomedicine and Pharmacotherapy</i> , 2017 , 96, 1065-1074	7.5	25

78	Molecular diversity in cyclization of Ugi-products leading to the synthesis of 2,5-diketopiperazines: computational study. <i>Research on Chemical Intermediates</i> , 2017 , 43, 2119-2142	2.8	10
77	Dacryodes edulis enhances antioxidant activities, suppresses DNA fragmentation in oxidative pancreatic and hepatic injuries; and inhibits carbohydrate digestive enzymes linked to type 2 diabetes. <i>Biomedicine and Pharmacotherapy</i> , 2017 , 96, 37-47	7.5	64
76	Synthesis, Characterization, Anticancer and Antibacterial Activity of Some Novel Pyrano[2,3-d]pyrimidinone Carbonitrile Derivatives. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2017 , 17, 719-725	2.2	13
75	Synthesis and structure elucidation using 2D NMR and thermal coefficient investigation on amino acid tethered quinoxalines. <i>Magnetic Resonance in Chemistry</i> , 2016 , 54, 921-929	2.1	0
74	Antioxidant properties, computational studies and corrosion inhibition potential of 3-hydroxy-1-(2-hydroxyphenyl)-5-(phenyl)-2,4-pentadien-1-one analogues. <i>Journal of Molecular Liquids</i> , 2016 , 223, 819-827	6	1
73	Transition metal-free synthesis of quinolino[2,3-b:4,5-b']pyrazolo[5,1-b]quinazolin-8(6H)-ones via cascade dehydrogenation and intramolecular N-arylation. <i>Journal of the Iranian Chemical Society</i> , 2016 , 13, 2239-2246	2	11
72	Anti-diabetic effect of Xylopiia aethiopica (Dunal) A. Rich. (Annonaceae) fruit acetone fraction in a type 2 diabetes model of rats. <i>Journal of Ethnopharmacology</i> , 2016 , 180, 131-9	5	27
71	Interactions of polyvinylpyrrolidone with imidazolium based ionic liquids: Spectroscopic and Density Functional Theory studies. <i>Journal of Molecular Liquids</i> , 2016 , 213, 13-16	6	17
70	Alkyl phenols, alkenyl cyclohexenones and other phytochemical constituents from <i>Lannea rivae</i> (chiiov) Sacleux (Anacardiaceae) and their bioactivity. <i>Medicinal Chemistry Research</i> , 2016 , 25, 690-703	2.2	9
69	Butanol fraction of <i>Parkia biglobosa</i> (Jacq.) G. Don leaves enhance pancreatic β cell functions, stimulates insulin secretion and ameliorates other type 2 diabetes-associated complications in rats. <i>Journal of Ethnopharmacology</i> , 2016 , 183, 103-111	5	29
68	Quorum sensing inhibitory potential and molecular docking studies of sesquiterpene lactones from <i>Vernonia blumeoides</i> . <i>Phytochemistry</i> , 2016 , 126, 23-33	4	26
67	Novel 2-(1-(substitutedbenzyl)-1H-tetrazol-5-yl)-3-phenylacrylonitrile derivatives: synthesis, in vitro antitumor activity and computational studies. <i>Medicinal Chemistry Research</i> , 2016 , 25, 283-291	2.2	24
66	Syntheses and Antibiotic Evaluation of 2-[(2R,4R)-4-Carboxy-2-hydroxypyrrolidin-1-yl]carbonyl}benzene-1,5-dicarboxylic Acids and 2-Carbamoylbenzene-1,5-dicarboxylic Acid Analogues. <i>International Journal of Medicinal Chemistry</i> , 2016 , 2016, 9346585	1.7	
65	Synthesis and structure elucidation of a series of chloroquinoline-2-chalcones by the Doebner-Miller reaction. <i>Magnetic Resonance in Chemistry</i> , 2016 , 54, 677-83	2.1	2
64	The synthesis, structural elucidation and antimicrobial activity of 2- and 4-substituted-coumarinyl chalcones. <i>Magnetic Resonance in Chemistry</i> , 2016 , 54, 610-7	2.1	6
63	Sulfoximine substituted quinazolines for pharmaceutical compositions US 20150005278 (A1): a patent evaluation. <i>Expert Opinion on Therapeutic Patents</i> , 2016 , 26, 861-9	6.8	5
62	PHYTOCHEMISTRY, ANTIOXIDATIVE ACTIVITY AND INHIBITION OF KEY ENZYMES LINKED TO TYPE 2 DIABETES BY VARIOUS PARTS OF AFRAMOMUM MELEGUETA IN VITRO. <i>Acta Poloniae Pharmaceutica</i> , 2016 , 73, 403-17	1.3	3
61	Synthesis and in vitro antiplatelet aggregation screening of novel fluorinated diethyl-2-(benzylthio)-2,3-dihydro-1H-imidazole-4,5-dicarboxylate derivatives. <i>Medicinal Chemistry Research</i> , 2015 , 24, 2075-2084	2.2	2

60	Synthesis and anti-bacterial evaluation of novel thio- and oxazepino[7,6-b]quinolines. <i>Journal of the Iranian Chemical Society</i> , 2015 , 12, 2205-2212	2	17
59	Transition-metal free highly selective aerobic oxidation of hindered 2-alkylindoles. <i>Tetrahedron</i> , 2015 , 71, 5531-5537	2.4	9
58	Stereo-selective synthesis, structural and antibacterial studies of novel glycosylated α , β -amino acid analogues. <i>Medicinal Chemistry Research</i> , 2015 , 24, 3174-3193	2.2	3
57	Novel carbapenem chalcone derivatives: synthesis, cytotoxicity and molecular docking studies. <i>Organic and Biomolecular Chemistry</i> , 2015 , 13, 4344-50	3.9	9
56	QSAR models and scaffold-based analysis of non-nucleoside HIV RT inhibitors. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2015 , 148, 134-144	3.8	14
55	Copper-catalysed cross-coupling affected by the Smiles rearrangement: a new chapter on diversifying the synthesis of chiral fluorinated 1,4-benzoxazine derivatives. <i>RSC Advances</i> , 2015 , 5, 83576-83580	2.7	9
54	Ethyl acetate fraction of Aframomum melegueta fruit ameliorates pancreatic β -cell dysfunction and major diabetes-related parameters in a type 2 diabetes model of rats. <i>Journal of Ethnopharmacology</i> , 2015 , 175, 518-27	5	23
53	Sesquiterpene lactones from the aerial parts of Vernonia blumeoides growing in Nigeria. <i>Phytochemistry</i> , 2015 , 111, 163-8	4	6
52	Multicomponent synthesis of pyridines via diamine functionalized mesoporous ZrO ₂ domino intramolecular tandem Michael type addition. <i>RSC Advances</i> , 2015 , 5, 5627-5632	3.7	19
51	Multicomponent one-pot synthesis of highly-functionalized pyrrole-3-carbonitriles in aqueous medium and their computational study. <i>Organic and Biomolecular Chemistry</i> , 2015 , 13, 1800-6	3.9	15
50	Cardanols, Long Chain Cyclohexenones and Cyclohexenols from Lannea schimperi (Anacardiaceae). <i>Natural Product Communications</i> , 2015 , 10, 1934578X1501000	0.9	1
49	A Review on the Synthesis and Anti-cancer Activity of 2-substituted Quinolines. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2015 , 15, 631-46	2.2	32
48	Cardanols, long chain cyclohexenones and cyclohexenols from Lannea schimperi (Anacardiaceae). <i>Natural Product Communications</i> , 2015 , 10, 103-6	0.9	3
47	Antileishmanial activity of 12-methoxycarnosic acid from Salvia repens Burch. ex Benth. (Lamiaceae). <i>South African Journal of Botany</i> , 2014 , 90, 93-95	2.9	19
46	Structure and antioxidant activity of phenolic compounds isolated from the edible fruits and stem bark of Harpephyllum caffrum. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2014 , 49, 938-44	2.2	8
45	The 3-(4,5-dimethylthiazol-2-yl)-2,5-diphenyl tetrazolium bromide (MTT) assay is a rapid, cheap, screening test for the in vitro anti-tuberculous activity of chalcones. <i>Journal of Microbiological Methods</i> , 2014 , 104, 72-8	2.8	31
44	Synthesis and structure elucidation of a series of pyranochromene chalcones and flavanones using 1D and 2D NMR spectroscopy and X-ray crystallography. <i>Magnetic Resonance in Chemistry</i> , 2014 , 52, 279-88	2.1	3
43	Antiulcer activity of the ethanolic extract and ethyl acetate fraction of the leaves of Markhamia tomentosa in rats. <i>Journal of Ethnopharmacology</i> , 2014 , 157, 1-6	5	15

42	Isoflavones from <i>Calpurnia Aurea</i> subsp. <i>aurea</i> and their anticancer activity. <i>Tropical Journal of Obstetrics and Gynaecology</i> , 2014 , 11, 33-7	0.3	5
41	Antioxidative activity and inhibition of key enzymes linked to type-2 diabetes (α -glucosidase and α -amylase) by <i>Khaya senegalensis</i> . <i>Acta Pharmaceutica</i> , 2014 , 64, 311-24	3.2	51
40	Bio evaluation of different crude extracts of <i>Chrysanthimoides monilifera</i> subsp. <i>rotundata</i> . <i>Turkish Journal of Biochemistry</i> , 2014 , 39, 87-92	0.3	
39	Structure elucidation of a series of fluoro-2-styrylchromones and methoxy-2-styrylchromones using 1D and 2D NMR spectroscopy. <i>Magnetic Resonance in Chemistry</i> , 2014 , 52, 521-9	2.1	4
38	Antibacterial and anti-biofilm activity of flavonoids and triterpenes isolated from the extracts of <i>Ficus sansibarica</i> Warb. subsp. <i>sansibarica</i> (Moraceae) extracts. <i>Tropical Journal of Obstetrics and Gynaecology</i> , 2014 , 11, 124-31	0.3	36
37	Antibacterial and antioxidant activities of flavonoids from <i>Lannea alata</i> (Engl.) Engl. (Anacardiaceae). <i>Phytochemistry Letters</i> , 2013 , 6, 476-481	1.9	48
36	Elemental composition and nutritional value of the edible fruits of <i>Harpephyllum caffrum</i> and impact of soil quality on their chemical characteristics. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2013 , 48, 539-47	2.2	12
35	Synthesis and Antifungal Studies of (2E)-N-Benzyl-N α -phenylbut-2-enediamide and (2E)-N,N α -Dibenzylbut-2-enediamide Analogues. <i>Journal of Chemistry</i> , 2013 , 2013, 1-7	2.3	2
34	Antiprotozoal screening of 60 South African plants, and the identification of the antitrypanosomal germacranolides schkuhrin I and II. <i>Planta Medica</i> , 2013 , 79, 1380-4	3.1	23
33	Synthesis and Evaluation of Novel Fluorinated 2-Styrylchromones as Antibacterial Agents. <i>Journal of Chemistry</i> , 2013 , 2013, 1-13	2.3	3
32	3-Bromo-chroman-4-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013 , 69, o473		
31	1-(5-Hydroxy-2,2,8,8-tetra-methyl-2H,8H-pyrano[2,3-f]chromen-6-yl)-3-(4-methoxy-phenyl)prop-2-en-1-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013 , 69, o484		1
30	3-(3-Nitro-benz-yl)-4H-chromen-4-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013 , 69, o364		1
29	3-(4-Nitro-benz-yl)-4H-chromen-4-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013 , 69, o513		
28	In vitro anti-oxidative activities and GC-MS analysis of various solvent extracts of <i>Cassia singueana</i> parts. <i>Acta Poloniae Pharmaceutica</i> , 2013 , 70, 709-19	1.3	4
27	In vitro antioxidant activities of leaf and root extracts of <i>Albizia antunesiana</i> harms. <i>Acta Poloniae Pharmaceutica</i> , 2013 , 70, 1035-43	1.3	3
26	Elemental composition and fatty acid profile of the edible fruits of <i>Amatungula</i> (<i>Carissa macrocarpa</i>) and impact of soil quality on chemical characteristics. <i>Analytica Chimica Acta</i> , 2012 , 730, 33-41	6.6	33
25	Synthesis and Characterization of Imidazolium Salts Bearing Fluorinated Anions. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2012 , 638, n/a-n/a	1.3	2

24	Ring A-seco limonoids and flavonoids from the Kenyan <i>Vepris uguensis</i> Engl. and their antioxidant activity. <i>Phytochemistry</i> , 2012 , 83, 136-43	4	12
23	Antibacterial activity of an epoxidised prenylated cinnamaldehyde derivative from <i>Vepris glomerata</i> . <i>Phytochemistry Letters</i> , 2012 , 5, 438-442	1.9	10
22	2,4-Dibromo-1,3-dimeth-oxy-5-methyl-benzene. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012 , 68, o2062		
21	2-Acetyl-phenyl (2E)-3-(4-fluoro-phen-yl)acrylate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012 , 68, o3049		1
20	3-(3-Meth-oxy-benzyl-idene)chroman-4-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012 , 68, o1006		6
19	(E)-3-(4-Cyclo-hexyl-3-fluoro-benzyl-idene)chroman-4-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012 , 68, o1972		5
18	1-(5-Hydroxy-2,2,8,8-tetra-methyl-2H,8H-pyrano[2,3-f]chromen-6-yl)ethanone. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012 , 68, o3048		2
17	3-(3,4-Dichloro-benzyl-idene)chroman-4-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012 , 68, o3062		3
16	Chlorine dioxide-facilitated oxidation of the azo dye amaranth. <i>Journal of Physical Chemistry A</i> , 2011 , 115, 11682-8	2.8	18
15	Kinetics and mechanism of the oxidation of amaranth with hypochlorite. <i>Journal of Physical Chemistry A</i> , 2011 , 115, 7948-54	2.8	16
14	Toussaintines A-E: antimicrobial indolizidinoids, a cinnamoylhydrobenzofuranoid and a cinnamoylcyclohexenoid from <i>Toussaintia orientalis</i> leaves. <i>Phytochemistry</i> , 2011 , 72, 1826-32	4	16
13	In vitro screening of traditional South African malaria remedies against <i>Trypanosoma brucei rhodesiense</i> , <i>Trypanosoma cruzi</i> , <i>Leishmania donovani</i> , and <i>Plasmodium falciparum</i> . <i>Planta Medica</i> , 2011 , 77, 1663-7	3.1	25
12	6-Hydroxy-2H-1,3-benzodioxole-5-carbaldehyde. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011 , 67, o2681		
11	[1,4-Phenyl-enebis(methyl-ene)]bis-(tri-phenyl-phospho-nium) bis-(tetra-fluoro-borate). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011 , 67, o3391		1
10	Elaboration of neosamine rings in the biosynthesis of neomycin and butirosin. <i>ChemBioChem</i> , 2007 , 8, 283-8	3.8	32
9	Coincident isolation of a novel homoisoflavonoid from <i>Resnova humifusa</i> and <i>Eucomis montana</i> (Hyacinthoideae: Hyacinthaceae). <i>Biochemical Systematics and Ecology</i> , 2006 , 34, 114-118	1.4	18
8	Bufadienolides from <i>Drimys robusta</i> and <i>Urginea epigea</i> (Hyacinthaceae). <i>Phytochemistry</i> , 2004 , 65, 3069-73	4	14
7	Chalcones from the seed of <i>Cedrelopsis grevei</i> (Ptaeroxylaceae). <i>Phytochemistry</i> , 2003 , 62, 1225-9	4	19

6	Coumarins from <i>Cedrelopsis grevei</i> (Ptaeroxylaceae). <i>Phytochemistry</i> , 2002 , 61, 919-22	4	18
5	Bioactive constituents of <i>Cedrelopsis microfoliata</i> . <i>Journal of Natural Products</i> , 2002 , 65, 1349-52	4.9	23
4	Alkaloids and triterpenoids from <i>Ammocharis coranica</i> (Amaryllidaceae). <i>Phytochemistry</i> , 2000 , 54, 93-7	4	29
3	Isolation of Isovanillin from Aromatic Roots of the Medicinal African Liane, <i>Mondia whitei</i> . <i>Journal of Herbs, Spices and Medicinal Plants</i> , 2000 , 7, 37-43	0.9	9
2	Synthesis, Structural Elucidation and Anti-Bacterial Evaluation of Fluorinated and Non-Fluorinated Schiff Bases of Quinazoline-4(3H)-One. <i>Polycyclic Aromatic Compounds</i> , 1-13	1.3	
1	Synthesis, molecular docking and anticancer activity of 5,5P(phenylmethylene)bis(6-amino-2-thiouracil) derivatives. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 1-9	1	1