Glenn E M Maguire

List of Publications by Year
in descending order

229	4,082	172457	138484
papers	citations	29 h-index	58 g-index

244	244	244	4404
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Molecular fluorescent signalling with â€˜fluorâ€“spacerâ€“receptorâ€™ systems: approaches to sensing and switching devices via supramolecular photophysics. Chemical Society Reviews, 1992, 21, 187-195.	38.1	573
2	Fluorescent PET (photoinduced electron transfer) sensors. Topics in Current Chemistry, 1993, , 223-264.	4.0	369
3	The role of nanotechnology in the treatment of viral infections. Therapeutic Advances in Infectious Disease, 2017, 4, 105-131.	1.8	233
4	Current trends in computer aided drug design and a highlight of drugs discovered via computational techniques: A review. European Journal of Medicinal Chemistry, 2021, 224, 113705.	5.5	229
5	â€˜Offâ€“onâ€™ fluorescent sensors for physiological levels of magnesium ions based on photoinduced electron transfer (PET), which also behave as photoionic OR logic gates. Journal of the Chemical Society Chemical Communications, 1994, .	2.0	127
6	The Current Status of Heterogeneous Palladium Catalysed Heck and Suzuki Cross-Coupling Reactions. Molecules, 2018, 23, 1676.	3.8	123
7	Nanotechnology and the Treatment of HIV Infection. Viruses, 2012, 4, 488-520.	3.3	106
8	Enantioselective Organocatalyzed Transformations of Î²-Ketoesters. Chemical Reviews, 2016, 116, 9375-9437.	47.7	105
9	Integrated Approach to Structure-Based Enzymatic Drug Design: Molecular Modeling, Spectroscopy, and Experimental Bioactivity. Chemical Reviews, 2014, 114, 493-537.	47.7	100
10	Fluorescent signalling of the brain neurotransmitter Î³-aminobutyric acid and related amino acid zwitterions. Chemical Communications, 1996, , 2191-2192.	4.1	96
11	Hydraphile Channels:Â Structural and Fluorescent Probes of Position and Function in a Phospholipid Bilayer. Journal of the American Chemical Society, 1999, 121, 9043-9052.	13.7	67
12	Neutral Molecule Receptor Systems Using Ferrocene's â€œAtomic Ball Bearingâ€•Character as the Flexible Element. Journal of the American Chemical Society, 1997, 119, 1609-1618.	13.7	60
13	The effect of N-methylation of amino acids (Ac-X-OMe) on solubility and conformation: a DFT study. Organic and Biomolecular Chemistry, 2015, 13, 9993-10006.	2.8	55
14	Structural and functional features of enzymes of Mycobacterium tuberculosis peptidoglycan biosynthesis as targets for drug development. Tuberculosis, 2015, 95, 95-111.	1.9	54
15	Anticancer activity of ruthenium(II) arene complexes bearing 1,2,3,4-tetrahydroisoquinoline amino alcohol ligands. European Journal of Medicinal Chemistry, 2013, 66, 407-414.	5.5	51
16	Planar Bilayer Conductance and Fluorescence Studies Confirm the Function and Location of a Synthetic, Sodium-Ion-Conducting Channel in a Phospholipid Bilayer Membrane. Journal of the American Chemical Society, 1997, 119, 9061-9062.	13.7	45
17	Computational model for the acylation step of the Î²-lactam ring: Potential application for l,d-transpeptidase 2 in mycobacterium tuberculosis. Journal of Molecular Structure, 2017, 1128, 94-102.	3.6	41
18	<scp>DFT</scp> study of the acidâ€catalyzed esterification reaction mechanism of methanol with carboxylic acid and its halide derivatives. International Journal of Quantum Chemistry, 2018, 118, e25497.	2.0	41

#	Article	IF	Citations
19	Synthesis and evaluation of SQ109 analogues as potential anti-tuberculosis candidates. European Journal of Medicinal Chemistry, 2010, 45, 2075-2079.	5.5	39
20	Mechanistic investigation of the uncatalyzed esterification reaction of acetic acid and acid halides with methanol: a DFT study. Journal of Molecular Modeling, 2016, 22, 235.	1.8	39
21	Synthesis and structural studies of pentacycloundecane-based HIV-1 PR inhibitors: A hybrid 2D NMR and docking/QM/MM/MD approach. European Journal of Medicinal Chemistry, 2011, 46, 3976-3985.	5.5	38
22	Synthesis of chiral pentacyclo-undecane ligands and their use in the enantioselective alkylation of benzaldehyde with diethylzinc. Tetrahedron: Asymmetry, 2004, 15, 2661-2666.	1.8	37
23	Differential flap dynamics in <scp>l</scp>,<scp>d</scp>-transpeptidase2 from mycobacterium tuberculosis revealed by molecular dynamics. Molecular BioSystems, 2017, 13, 1223-1234.	2.9	36
24	Pentacyclo-undecane derived cyclic tetra-amines: Synthesis and evaluation as potent anti-tuberculosis agents. European Journal of Medicinal Chemistry, 2009, 44, 4297-4305.	5.5	34
25	Synthesis and Screening of C¹â€Substituted Tetrahydroisoquinoline Derivatives for Asymmetric Transfer Hydrogenation Reactions. European Journal of Organic Chemistry, 2010, 2010, 972-980.	2.4	33
26	Pentacycloundecane-based inhibitors of wild-type C-South African HIV-protease. Bioorganic and Medicinal Chemistry Letters, 2011, 21, 2274-2277.	2.2	32
27	Comparison of the Molecular Dynamics and Calculated Binding Free Energies for Nine FDAâ€Approved HIVâ€1 PR Drugs Against Subtype B and Câ€SA HIV PR. Chemical Biology and Drug Design, 2013, 81, 208-218.	3.2	32
28	Novel tetrahydroisoquinoline based organocatalysts for asymmetric Dielsâ€“Alder reactions: insight into the catalytic mode using ROESY NMR and DFT studies. Tetrahedron: Asymmetry, 2010, 21, 2859-2867.	1.8	30
29	Design and study of peptide-based inhibitors of amylin cytotoxicity. Bioorganic and Medicinal Chemistry Letters, 2010, 20, 1360-1362.	2.2	29
30	Novel polycyclic â€˜cageâ€™-1,2-diamines as potential anti-tuberculosis agents. European Journal of Medicinal Chemistry, 2012, 54, 1-9.	5.5	28
31	Synthesis of tetrahydroisoquinoline-diamine ligands and their application in asymmetric transfer hydrogenation. Tetrahedron: Asymmetry, 2010, 21, 679-687.	1.8	26
32	Total synthesis of a depsidomycin analogue by convergent solidâ€phase peptide synthesis and macrolactonization strategy for antitubercular activity. Journal of Peptide Science, 2011, 17, 683-689.	1.4	26
33	Synthesis of tetrahydroisoquinoline (TIQ)â€“oxazoline ligands and their application in enantioselective Henry reactions. Tetrahedron: Asymmetry, 2010, 21, 846-852.	1.8	25
34	Visualization of Time-Dependent Distribution of Rifampicin in Rat Brain Using MALDI MSI and Quantitative LCMS/MS. Assay and Drug Development Technologies, 2015, 13, 277-284.	1.2	25
35	Pore formation in phospholipid bilayers by amphiphilic cavitands. Organic and Biomolecular Chemistry, 2011, 9, 4498.	2.8	24
36	Binding Free Energy Calculations of Nine FDAâ€approved Protease Inhibitors Against HIVâ€1 Subtype C I36Tâ†'T Containing 100 Amino Acids Per Monomer. Chemical Biology and Drug Design, 2016, 87, 487-498.	3.2	23

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37	A comparative modeling and molecular docking study onMycobacterium tuberculosistargets involved in peptidoglycan biosynthesis. Journal of Biomolecular Structure and Dynamics, 2016, 34, 2399-2417.	3.5	23
38	Crystal, spectroscopic and quantum mechanics studies of Schiff bases derived from 4-nitrocinnamaldehyde. Scientific Reports, 2021, 11, 8151.	3.3	23
39	Tetrahydroisoquinolineâ€Based Nâ€Oxides as Chiral Organocatalysts for the Asymmetric Allylation of Aldehydes. European Journal of Organic Chemistry, 2011, 2011, 6923-6932.	2.4	22
40	Pentacycloundecane derived hydroxy acid peptides: A new class of irreversible non-scissile ether bridged type isoster as potential HIV-1 wild type C-SA protease inhibitors. Bioorganic Chemistry, 2012, 40, 19-29.	4.1	22
41	Purification and characterization of naturally occurring HIV-1 (South African subtype C) protease mutants from inclusion bodies. Protein Expression and Purification, 2016, 122, 90-96.	1.3	22
42	Fluorescent PET(Photoinduced Electron Transfer) Sensors for Calcium Ions. Extension to Multiple Fluorophores and Virtual Spacers. Chemistry Letters, 1995, 24, 125-126.	1.3	21
43	Iridium-catalyzed asymmetric hydrogenation of olefins using TIQ phosphineâ€“oxazoline ligands. Tetrahedron: Asymmetry, 2010, 21, 2295-2301.	1.8	21
44	Determination of the antitubercular drug PA-824 in rat plasma, lung and brain tissues by liquid chromatography tandem mass spectrometry: Application to a pharmacokinetic study. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2015, 988, 187-194.	2.3	21
45	A tris(macrocycle) that exhibits H-bond-induced blockage of the cation channel faction in a phospholipid bilayer. Chemical Communications, 1996, , 2147.	4.1	19
46	Synthesis, 2D-NMR and molecular modelling studies of pentacycloundecane lactam-peptides and peptoids as potential HIV-1 wild type C-SA protease inhibitors. Journal of Enzyme Inhibition and Medicinal Chemistry, 2013, 28, 78-88.	5.2	19
47	Simulating the inhibition reaction of Mycobacterium tuberculosis<scp>l</scp>,<scp>d</scp>-transpeptidase 2 by carbapenems. Chemical Communications, 2015, 51, 12560-12562.	4.1	19
48	Targeting the cell wall ofMycobacterium tuberculosis: a molecular modeling investigation of the interaction of imipenem and meropenem withL,D-transpeptidase 2. Journal of Biomolecular Structure and Dynamics, 2016, 34, 304-317.	3.5	18
49	Lansoprazoleâ€sulfide, pharmacokinetics of this promising antiâ€tuberculous agent. Biomedical Chromatography, 2017, 31, e4035.	1.7	18
50	Synthesis of chiral pentacyclo-undecane macrocycles and their use in enantioselective Michael addition reactions. Tetrahedron: Asymmetry, 2004, 15, 3775-3781.	1.8	17
51	Microwave assisted SPPS of amylin and its toxicity of the pure product to RINâ€5F cells. Biopolymers, 2010, 94, 323-330.	2.4	17
52	Microwaveâ€Assisted Synthesis of Guanidine Organocatalysts Bearing a Tetrahydroisoquinoline Framework and Their Evaluation in Michael Addition Reactions. European Journal of Organic Chemistry, 2012, 2012, 3331-3337.	2.4	16
53	Synthesis and molecular modelling studies of novel carbapeptide analogs for inhibition of HIV-1 protease. European Journal of Medicinal Chemistry, 2012, 53, 13-21.	5.5	16
54	Synthesis, screening and computational investigation of pentacycloundecane-peptoids as potent CSA-HIV PR inhibitors. European Journal of Medicinal Chemistry, 2012, 57, 459-467.	5.5	15

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55	Pentacycloundecaneâ€diolâ€Based HIVâ€1 Protease Inhibitors: Biological Screening, 2<scp>Dâ€…</scp>NMR, and Molecular Simulation Studies. ChemMedChem, 2012, 7, 1009-1019.	3.2	15
56	Molecular Modeling of T.Ârangeli, T.Âbrucei gambiense, and T.Âevansi Sialidases in Complex with the DANA Inhibitor. Chemical Biology and Drug Design, 2012, 80, 114-120.	3.2	15
57	Catalytic asymmetric carbonâ€“carbon bond forming reactions catalyzed by tetrahydroisoquinoline (TIQ) N,Nâ€²-dioxide ligands. Tetrahedron: Asymmetry, 2013, 24, 191-195.	1.8	15
58	Development and validation of a liquid chromatographyâ€tandem mass spectrometry (LCâ€MS/MS) method for the quantification of tigecycline in rat brain tissues. Biomedical Chromatography, 2016, 30, 837-845.	1.7	15
59	Unraveling the concerted catalytic mechanism of the human immunodeficiency virus type 1 (HIV-1) protease: a hybrid QM/MM study. Structural Chemistry, 2019, 30, 409-417.	2.0	15
60	Proline N-oxides: modulators of the 3D conformation of linear peptides through â€œNO-turnsâ€• Organic and Biomolecular Chemistry, 2014, 12, 4479.	2.8	14
61	Potential inhibition of HIV-1 encapsidation by oligoribonucleotide–dendrimer nanoparticle complexes. International Journal of Nanomedicine, 2017, Volume 12, 317-325.	6.7	14
62	The Impact of Active Site Mutations of South African <scp>HIV PR</scp> on Drug Resistance: Insight from Molecular Dynamics Simulations, Binding Free Energy and Perâ€Residue Footprints. Chemical Biology and Drug Design, 2014, 83, 472-481.	3.2	13
63	Pentacycloundecane lactam vs lactone norstatine type protease HIV inhibitors: binding energy calculations and DFT study. Journal of Biomedical Science, 2015, 22, 15.	7.0	13
64	PdCuCeOâ€“TPAB: a new catalytic system for quasi-heterogeneous Suzukiâ€“Miyaura cross-coupling reactions under ligand-free conditions in water. New Journal of Chemistry, 2017, 41, 13560-13566.	2.8	13
65	The catalytic role of water in the binding site of l,d-transpeptidase 2 within acylation mechanism: A QM/MM (ONIOM) modelling. Tuberculosis, 2018, 113, 222-230.	1.9	13
66	Identification of potent L,D-transpeptidase 5 inhibitors for Mycobacterium tuberculosis as potential anti-TB leads: virtual screening and molecular dynamics simulations. Journal of Molecular Modeling, 2019, 25, 328.	1.8	13
67	The Driving Force for the Acylation of Î² â€Lactam Antibiotics by L,Dâ€Transpeptidase 2: Quantum Mechanics/Molecular Mechanics (QM/MM) Study. ChemPhysChem, 2019, 20, 1126-1134.	2.1	13
68	Structure and Function of L,D- and D,D-Transpeptidase Family Enzymes from Mycobacterium tuberculosis. Current Medicinal Chemistry, 2020, 27, 3250-3267.	2.4	13
69	Intracellular localization of gold nanoparticles with targeted delivery in MT-4 lymphocytes. Advances in Natural Sciences: Nanoscience and Nanotechnology, 2016, 7, 045013.	1.5	12
70	Investigation of the binding free energies of FDA approved drugs against subtype B and C-SA HIV PR: ONIOM approach. Journal of Molecular Graphics and Modelling, 2017, 76, 77-85.	2.4	12
71	Inhibition mechanism of L,D-transpeptidase 5 in presence of the Î²-lactams using ONIOM method. Journal of Molecular Graphics and Modelling, 2019, 87, 204-210.	2.4	12
72	Development and Evaluation of Peptide-Functionalized Gold Nanoparticles for HIV Integrase Inhibition. International Journal of Peptide Research and Therapeutics, 2019, 25, 311-322.	1.9	12

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73	Synthesis and NMR assignment of pentacycloundecane precursors of potential pharmaceutical agents. Magnetic Resonance in Chemistry, 2010, 48, 249-255.	1.9	11
74	SQ109 analogues as potential antimicrobial candidates. Medicinal Chemistry Research, 2011, 20, 1394-1401.	2.4	11
75	Organocatalytic Mannich Reactions on a Carbapenem Core â€“ Synthesis of Mannich Bases and Bicyclic Diazanonanes. European Journal of Organic Chemistry, 2014, 2014, 2253-2260.	2.4	11
76	Preparation of Enantiomerically Pure C₄â€Symmetric Tetramethoxyresorcarenes by Using the (â€“)â€(S)â€1â€Phenylethyl Isocyanate Chiral Auxiliary. European Journal of Organic Chemistry, 2014, 2014, 4600-4609.	2.4	11
77	An insight to the molecular interactions of the FDA approved HIVÂPR drugs against L38Lâ†'Nâ†'L PR mutant. Journal of Computer-Aided Molecular Design, 2018, 32, 459-471.	2.9	11
78	NMR elucidation of some pentacycloundecane derived ligands. Structural Chemistry, 2007, 18, 633-639.	2.0	10
79	NMR elucidation of some ligands derived from the pentacycloundecane skeleton. Structural Chemistry, 2008, 19, 429-434.	2.0	10
80	I36Tâ†'T mutation in South African subtype C (C-SA) HIV-1 protease significantly alters protease-drug interactions. Biological Chemistry, 2017, 398, 1109-1117.	2.5	10
81	Molecular insight on the non-covalent interactions between carbapenems and l,d-transpeptidase 2 from Mycobacterium tuberculosis: ONIOM study. Journal of Computer-Aided Molecular Design, 2018, 32, 687-701.	2.9	10
82	Concerted hydrolysis mechanism of HIV-1 natural substrate against subtypes B and C-SA PR: insight through molecular dynamics and hybrid QM/MM studies. Physical Chemistry Chemical Physics, 2020, 22, 2530-2539.	2.8	10
83	A Review of Cyanoacetyl Indoles (CAIs): Versatile Starting Materials in Organic Synthesis.. Current Organic Synthesis, 2013, 10, 737-750.	1.3	10
84	A Comparison of Phenyl- and Naphthyl-substituted tris(Macrocycle), Cation-conducting Channels to Assess the Effect of Extended Aromaticity. Tetrahedron Letters, 1997, 38, 6339-6342.	1.4	9
85	Linear and cyclic glycopeptide as HIV protease inhibitors. European Journal of Medicinal Chemistry, 2013, 60, 144-154.	5.5	9
86	From Recognition to Reaction Mechanism: An Overview on the Interactions between HIV-1 Protease and its Natural Targets. Current Medicinal Chemistry, 2020, 27, 2514-2549.	2.4	9
87	Synthesis and NMR elucidation of novel pentacyclo-undecane diamine ligands. Structural Chemistry, 2009, 20, 1067-1076.	2.0	8
88	Novel Linear Diamine Disubstituted Polycyclic â€˜Cageâ€™ Derivatives as Potential Antimycobacterial Candidates. Chemical Biology and Drug Design, 2011, 78, 1022-1030.	3.2	8
89	Optically active diaryl tetrahydroisoquinoline derivatives. Acta Crystallographica Section C: Crystal Structure Communications, 2011, 67, o100-o103.	0.4	8
90	Asymmetric conjugate addition of thioglycolate to a range of chalcones using tetrahydroisoquinoline (TIQ) N,Nâ€²-dioxide ligands. Tetrahedron: Asymmetry, 2012, 23, 616-622.	1.8	8

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91	Interaction of Î²-Amyloid Interactions with Peptide Functionalized Gold Nanoparticles. Journal of Nanoscience and Nanotechnology, 2012, 12, 2179-2184.	0.9	8
92	Rapid and widespread distribution of doxycycline in rat brain: a mass spectrometric imaging study. Xenobiotica, 2016, 46, 385-392.	1.1	8
93	Pd0.09Ce0.91O2-Î´: A sustainable ionic solid-solution precatalyst for heterogeneous, ligand free Heck coupling reactions. Molecular Catalysis, 2017, 443, 60-68.	2.0	8
94	Microwave-assisted synthesis of a new series of resorcin[4]arene cavitand-capped porphyrin capsules. Organic and Biomolecular Chemistry, 2009, 7, 3958.	2.8	7
95	In Vitro Antifungal and Antibacterial Activities of Pentacycloundecane Tetraâ€Amines. Chemical Biology and Drug Design, 2011, 77, 295-299.	3.2	7
96	Enzymatic Activation of a Peptide Functionalised Gold Nanoparticle System for Prodrug Delivery. Journal of Nanoscience and Nanotechnology, 2011, 11, 3075-3083.	0.9	6
97	(S)-N-Benzyl-2-methyl-1,2,3,4-tetrahydroisoquinoline-3-carboxamide. Acta Crystallographica Section E: Structure Reports Online, 2011, 67, o67-o67.	0.2	6
98	Bisthiourea: thermal and structural investigation. Journal of Thermal Analysis and Calorimetry, 2013, 111, 597-603.	3.6	6
99	Inhibition of Mycobacterium tuberculosis L,Dâ€Transpeptidase 5â€‰by Carbapenems: MD and QM/MM Mechanistic Studies. ChemistrySelect, 2018, 3, 13603-13612.	1.5	6
100	Exploring the concerted mechanistic pathway for HIV-1 PRâ€"substrate revealed by umbrella sampling simulation. Journal of Biomolecular Structure and Dynamics, 2022, 40, 1736-1747.	3.5	6
101	Microwave-assisted synthesis of meso-carboxyalkyl-BODIPYs and an application to fluorescence imaging. Organic and Biomolecular Chemistry, 2020, 18, 7876-7883.	2.8	6
102	(1R,3S)-Methyl 2-benzyl-6,7-dimethoxy-1-phenyl-1,2,3,4-tetrahydroisoquinoline-3-carboxylate. Acta Crystallographica Section E: Structure Reports Online, 2009, 65, o3278-o3278.	0.2	6
103	Synthesis, Characterization and Biocompatibility of a Multifunctional Gold Nanoparticle System for the Delivery of Single-Stranded RNA to Lymphocytes. South African Journal of Chemistry, 2018, 71, 1-14.	0.6	6
104	NMR elucidation of a novel (S)â€pentacycloâ€undecane bisâ€(4â€phenyloxazoline) ligand and related derivatives. Magnetic Resonance in Chemistry, 2008, 46, 1089-1095.	1.9	5
105	(1S,3S)-Methyl 2-benzyl-6,7-dimethoxy-1-phenyl-1,2,3,4-tetrahydroisoquinoline-3-carboxylate. Acta Crystallographica Section E: Structure Reports Online, 2011, 67, o1403-o1403.	0.2	5
106	l-Proline organocatalyzed Michael synthesis of monobactam and carbapenem Î²-lactam cores. Tetrahedron: Asymmetry, 2014, 25, 969-973.	1.8	5
107	Synthesis and structural elucidation of a novel polymorph of alcaftadine. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2015, 142, 311-319.	3.9	5
108	Theoretical Model for HIV-1 PR That Accounts for Substrate Recognition and Preferential Cleavage of Natural Substrates. Journal of Physical Chemistry B, 2019, 123, 6389-6400.	2.6	5

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109	Tetrakis-Î¼-L-alanine-Îº8O:Oâ€²-bis[tetraaquaterbium(III)] hexaperchlorate. Acta Crystallographica Section E: Structure Reports Online, 2010, 66, m193-m194.	0.2	5
110	{(1R,3S)-2-Benzyl-6,7-dimethoxy-1-phenyl-1,2,3,4-tetrahydroisoquinolin-3-yl}diphenylmethanol. Acta Crystallographica Section E: Structure Reports Online, 2010, 66, o638-o638.	0.2	5
111	7,11,15,28-Tetrakis(bromomethyl)-1,21,23,25-tetrapentylresorcin[4]arene cavitand 0.415-hydrate. Acta Crystallographica Section E: Structure Reports Online, 2007, 63, o4345-o4345.	0.2	4
112	Redetermination of chlorido(2,2â€²:6â€²,2â€²â€²-terpyridine-Îº3N,Nâ€²,Nâ€²â€²)gold(I) dichloride trihydrate at 173 K. Acta Crystallographica Section E: Structure Reports Online, 2008, 64, m1240-m1240.	0.2	4
113	1,1â€²-(Propane-1,3-diyl)bis(3-phenylurea). Acta Crystallographica Section E: Structure Reports Online, 2011, 67, o2552-o2552.	0.2	4
114	(2-(Benzo[d]thiazol-2yl-methoxy)-5-chlorophenyl)(phenyl)methanone. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o3125-o3125.	0.2	4
115	Novel PCU cage diol peptides as potential targets against wild-type CSA HIV-1 protease: synthesis, biological screening and molecular modelling studies. Medicinal Chemistry Research, 2013, 22, 3918-3933.	2.4	4
116	[2-(1,3-Benzothiazol-2-ylmethoxy)-5-bromophenyl](4-chlorophenyl)methanone. Acta Crystallographica Section E: Structure Reports Online, 2013, 69, o70-o70.	0.2	4
117	Isolation, characterization and x-ray structure determination of the schiff base ligand: 5-methyl-2-phenyl-4-[phenyl-(4-phenyl-thiazol-2-ylamino)-methylene]-2,4-dihydro-pyrazol-3-one. South African Journal of Chemistry, 2015, 68, .	0.6	4
118	Kinetic and thermodynamic characterisation of HIV-protease inhibitors against E35Dâ†'Gâ†'S mutant in the South African HIV-1 subtype C protease. Journal of Enzyme Inhibition and Medicinal Chemistry, 2019, 34, 1451-1456.	5.2	4
119	Serendipitous discovery of new pentacycloundecane molecules. Journal of Molecular Structure, 2020, 1204, 127497.	3.6	4
120	Ethyl 4-(4-chlorophenyl)-6-methyl-2-thioxo-1,2,3,4-tetrahydropyrimidine-5-carboxylate. Acta Crystallographica Section E: Structure Reports Online, 2009, 65, o2518-o2518.	0.2	4
121	Pdo.o2Ceo.98O2: a copper- and ligand-free quasi-heterogeneous catalyst for aquacatalytic Sonogashira cross-coupling reaction. Journal of the South African Institute of Mining and Metallurgy, 2017, 117, 955-962.	0.5	4
122	Experimental measurement of kinetic parameters using quantum plasmonic sensing. Journal of Applied Physics, 2022, 131, 084402.	2.5	4
123	Synthesis, Crystal structure, photoluminescence properties and quantum mechanics studies of two schiff bases of 2-amino-p-cresol. Journal of Molecular Structure, 2022, 1262, 133046.	3.6	4
124	5,11,17,23-Tetramethyl-2,8,14,20-tetrakis(2-phenylethyl)-4,6,10,12,16,18,22,24-octahydroxycalix[4]arene methanol pentasolvate 0.10-hydrate. Acta Crystallographica Section E: Structure Reports Online, 2007, 63, o4346-o4346.	0.2	3
125	7,11,15,28-Tetramethyl-1,21,23,25-tetrakis(2-phenylethyl)resorcin[4]arene ethyl acetate clathrate. Acta Crystallographica Section E: Structure Reports Online, 2008, 64, o98-o98.	0.2	3
126	(2R,3S)-Methyl 2-hydroxy-3-(4-methylbenzenesulfonamido)-3-phenylpropanoate. Acta Crystallographica Section E: Structure Reports Online, 2010, 66, o3279-o3280.	0.2	3

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127	(R)-4-Phenyl-2-[(S)-1,2,3,4-tetrahydroisoquinolin-3-yl]-4,5-dihydro-1,3-oxazole. Acta Crystallographica Section E: Structure Reports Online, 2010, 66, o1818-o1818.	0.2	3
128	3,3â€²-Diphenyl-1,1â€²-(butane-1,4-diyl)dithiourea. Acta Crystallographica Section E: Structure Reports Online, 2011, 67, o2380-o2380.	0.2	3
129	4,5,6,10,11,12,16,17,18,22,23,24-Dodecakis[(methoxycarbonyl)methoxy]-2,8,14,20-tetrapentylresorcin[4]arene. Acta Crystallographica Section E: Structure Reports Online, 2011, 67, o3305-o3306.	0.2	3
130	N-Benzyl-5-(dimethylamino)naphthalene-1-sulfonamide. Acta Crystallographica Section E: Structure Reports Online, 2011, 67, o2458-o2459.	0.2	3
131	1,1â€²-(Ethane-1,2-diyl)bis(3-phenylthiourea). Acta Crystallographica Section E: Structure Reports Online, 2011, 67, o2819-o2819.	0.2	3
132	Ethyl 2-(3,5-dimethyl-1,1-dioxo-2H-1λ⁶,2,6-thiadiazin-4-yl)benzoate. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o2160-o2160.	0.2	3
133	Synthesis and NMR elucidation of novel tetrapeptides. Journal of Peptide Science, 2012, 18, 114-121.	1.4	3
134	Synthesis and NMR elucidation of pentacycloundecane-derived hydroxy acid peptides as potential anti-HIV-1 agents. Structural Chemistry, 2013, 24, 1461-1471.	2.0	3
135	Synthesis and NMR elucidation of novel amino acid cavitand derivatives. Tetrahedron, 2014, 70, 7057-7066.	1.9	3
136	Exploring the flap dynamics of the South African HIV subtype C protease in presence of FDAâ€approved inhibitors: MD study. Chemical Biology and Drug Design, 2018, 92, 1899-1913.	3.2	3
137	Ethyl 4-(4-hydroxyphenyl)-6-methyl-2-oxo-1,2,3,4-tetrahydropyrimidine-5-carboxylate monohydrate. Acta Crystallographica Section E: Structure Reports Online, 2009, 65, o2502-o2502.	0.2	3
138	Structural Characterization and Thermal Properties of the Anti-malarial Drug: Lumefantrine. South African Journal of Chemistry, 2019, 72, 253-262.	0.6	3
139	Measuring kinetic parameters using quantum plasmonic sensing. Physical Review A, 2022, 105, .	2.5	3
140	Tetramethyl 1,2-bis(2-aminophenoxy)ethane-N,N,Nâ€²,Nâ€²-tetraacetate. Acta Crystallographica Section E: Structure Reports Online, 2004, 60, o213-o215.	0.2	2
141	N-(10-Bromoanthracen-9-ylmethyl)-N-[2-(5,5-dimethyl-1,3,2-dioxaborinan-2-yl)benzyl]methylamine at 240â€…K. Acta Crystallographica Section E: Structure Reports Online, 2004, 60, o571-o573.	0.2	2
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