

# Benson M Kariuki

## List of Publications by Year in descending order

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442  
papers

9,188  
citations

44069

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all docs

477  
docs citations

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times ranked

8645  
citing authors

#	ARTICLE	IF	CITATIONS
1	Contemporary Advances in the Use of Powder X-Ray Diffraction for Structure Determination. <i>Angewandte Chemie - International Edition</i> , 2001, 40, 1626-1651.	13.8	328
2	Synthesis, Crystal Structure, and Luminescent Properties of Novel Eu <sup>3+</sup> +Heterocyclic $\beta^2$ -Diketonate Complexes with Bidentate Nitrogen Donors. <i>Inorganic Chemistry</i> , 2006, 45, 10651-10660.	4.0	218
3	The application of a genetic algorithm for solving crystal structures from powder diffraction data. <i>Chemical Physics Letters</i> , 1997, 280, 189-195.	2.6	206
4	The Genetic Algorithm: Foundations and Applications in Structure Solution from Powder Diffraction Data. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 1998, 54, 632-645.	0.3	195
5	Dinuclear Ruthenium(II) Triple-Stranded Helicates: Luminescent Supramolecular Cylinders That Bind and Coil DNA and Exhibit Activity against Cancer Cell Lines. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 4374-4378.	13.8	182
6	Fully Fluorinated Imidodiphosphinate Shells for Visible- and NIR-Emitting Lanthanides: Hitherto Unexpected Effects of Sensitizer Fluorination on Lanthanide Emission Properties. <i>Chemistry - A European Journal</i> , 2007, 13, 6308-6320.	3.3	157
7	Synthesis of New Chiral N-Heterocyclic Carbene-Imine Ligands and Their Application to an Asymmetric Allylic Alkylation Reaction. <i>Organometallics</i> , 2003, 22, 4187-4189.	2.3	146
8	Synthesis, structural characterisation and Raman spectroscopy of the inorganic pigments lead tin yellow types I and II and lead antimonate yellow: their identification on medieval paintings and manuscripts. <i>Journal of the Chemical Society Dalton Transactions</i> , 1995, , 2577.	1.1	122
9	A New Method for the Synthesis of Aromatic Sulfurpentafluorides and Studies of the Stability of the Sulfurpentafluoride Group in Common Synthetic Transformations. <i>Tetrahedron</i> , 2000, 56, 3399-3408.	1.9	114
10	Alkene Syn Dihydroxylation with Malonoyl Peroxides. <i>Journal of the American Chemical Society</i> , 2010, 132, 14409-14411.	13.7	110
11	The synthesis of a di-N-heterocyclic carbene-amido complex of palladium(ii). <i>Chemical Communications</i> , 2004, , 698-699.	4.1	102
12	Dinuclear Double-Stranded Metallosupramolecular Ruthenium Complexes: Potential Anticancer Drugs. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 4839-4842.	13.8	102
13	Implementation of Lamarckian concepts in a Genetic Algorithm for structure solution from powder diffraction data. <i>Chemical Physics Letters</i> , 2000, 321, 183-190.	2.6	101
14	Structure Determination of a Complex Organic Solid from X-Ray Powder Diffraction Data by a Generalized Monte Carlo Method: The Crystal Structure of Red Fluorescein. <i>Angewandte Chemie International Edition in English</i> , 1997, 36, 770-772.	4.4	99
15	Expanded ring and functionalised expanded ring N-heterocyclic carbenes as ligands in catalysis. <i>Dalton Transactions</i> , 2009, , 7099.	3.3	93
16	Uptake and localisation of rhenium fac-tricarbonyl polypyridyls in fluorescent cell imaging experiments. <i>Organic and Biomolecular Chemistry</i> , 2010, 8, 3888.	2.8	92
17	Gold(I) Complexes Bearing Sterically Imposing, Saturated Six- and Seven-Membered Expanded Ring N-Heterocyclic Carbene Ligands. <i>Organometallics</i> , 2012, 31, 4118-4121.	2.3	89
18	Three-coordinate Nickel(I) Complexes Stabilised by Six-, Seven- and Eight-Membered Ring N-heterocyclic Carbenes: Synthesis, EPR/DFT Studies and Catalytic Activity. <i>Chemistry - A European Journal</i> , 2013, 19, 2158-2167.	3.3	89

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19	Long-Lived Near-Infrared Luminescent Lanthanide Complexes of Imidodiphosphinate $\alpha$ -Shell-Ligands. <i>Inorganic Chemistry</i> , 2005, 44, 6140-6142.	4.0	82
20	A Triphenylphosphine Oxide $\sim$ Water Aggregate Facilitates an Exceptionally Short C $\sim$ H $\cdots$ O Hydrogen Bond. <i>Journal of the American Chemical Society</i> , 1997, 119, 12679-12680.	13.7	79
21	A Rhenium Tricarbonyl $\alpha$ -Oxo $\alpha$ -terpy Trimer as a Luminescent Molecular Vessel with a Removable Silver Stopper. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 4965-4968.	13.8	77
22	Hexaphenylbenzene-based polymers of intrinsic microporosity. <i>Chemical Communications</i> , 2011, 47, 6822.	4.1	77
23	Abundant Polymorphism in a System with Multiple Hydrogen-Bonding Opportunities: $\alpha$ Oxalyl Dihydrazide. <i>Journal of the American Chemical Society</i> , 2006, 128, 8441-8452.	13.7	76
24	Weak interactions in crystal engineering $\alpha$ understanding the recognition properties of the nitro group. <i>New Journal of Chemistry</i> , 2000, 24, 799-806.	2.8	74
25	Structural variation, dynamics, and catalytic application of palladium(ii) complexes of di-N-heterocyclic carbene $\alpha$ amine ligands. <i>Dalton Transactions</i> , 2007, , 3065-3073.	3.3	74
26	First Examples of Structurally Imposing Eight-Membered-Ring (Diazocanylidene) N-Heterocyclic Carbenes: Salts, Free Carbenes, and Metal Complexes. <i>Organometallics</i> , 2011, 30, 5649-5655.	2.3	73
27	Synthesis and Structural Features of Rhodium Complexes of Expanded Ring N $\alpha$ -Heterocyclic Carbenes. <i>European Journal of Inorganic Chemistry</i> , 2009, 2009, 1913-1919.	2.0	72
28	Challenges in Direct-Space Structure Determination from Powder Diffraction Data: A Molecular Material with Four Independent Molecules in the Asymmetric Unit. <i>ChemPhysChem</i> , 2004, 5, 414-418.	2.1	70
29	Synthesis, structure and reactivity of palladium(ii) complexes of chiral N-heterocyclic carbene $\alpha$ imine and $\alpha$ amine hybrid ligands. <i>Dalton Transactions</i> , 2004, , 3528-3535.	3.3	70
30	Crystallographic studies on sterically affected chemical species Part II. Molecular and crystal structure of 1,8-bis(dimethylamino)- naphthalene tetrafluoroborate. Analysis of distortion of geometry in the aromatic part due to intramolecular hydrogen bonding. <i>Journal of Molecular Structure</i> , 1990, 240, 111-118.	3.6	68
31	Discovery of a New System Exhibiting Abundant Polymorphism: <i>m</i> -Aminobenzoic Acid. <i>Crystal Growth and Design</i> , 2012, 12, 3104-3113.	3.0	68
32	Crystal Structure Solution from Powder X-ray Diffraction Data: $\alpha$ The Development of Monte Carlo Methods To Solve the Crystal Structure of the $\beta$ -Phase of 3-Chloro-trans-cinnamic Acid $\alpha$ . <i>Chemistry of Materials</i> , 1996, 8, 565-569.	6.7	66
33	Expanded ring N-heterocyclic carbene complexes of zero valent platinum dvtms (divinyltetramethyldisiloxane): Highly efficient hydrosilylation catalysts. <i>Journal of Organometallic Chemistry</i> , 2011, 696, 188-194.	1.8	64
34	Evolving Opportunities in Structure Solution from Powder Diffraction Data $\alpha$ Crystal Structure Determination of a Molecular System with Twelve Variable Torsion Angles. <i>Angewandte Chemie - International Edition</i> , 1999, 38, 831-835.	13.8	62
35	Structure Determination of an Oligopeptide Directly from Powder Diffraction Data. <i>Angewandte Chemie - International Edition</i> , 2000, 39, 4488-4491.	13.8	61
36	Metal Complexes of Chiral NHCs Containing a Fused Six- and Seven-Membered Central Ring. <i>Organometallics</i> , 2010, 29, 2724-2734.	2.3	61

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37	Structure determination of a steroid directly from powder diffraction data. Chemical Communications, 1999, , 1677-1678.	4.1	59
38	Intermolecular organisation of triphenylene-based discotic mesogens by interdigitation of alkyl chains. Journal of Materials Chemistry, 2001, 11, 302-311.	6.7	59
39	Synthesis and Structural Characterization of Zn(O <sub>3</sub> PCH <sub>2</sub> OH), a New Microporous Zinc Phosphonate. Inorganic Chemistry, 2001, 40, 1477-1481.	4.0	59
40	A near planar disilver complex of 3,6-bis(2-pyridyl)-1,2,4,5-tetrazine. Inorganic Chemistry Communication, 2002, 5, 199-202.	3.9	59
41	Supramolecular assembly of ligand-directed triangular {CuI <sub>3</sub> Cl} clusters with spin frustration and spin-chain behaviour. Chemical Communications, 2004, , 1580-1581.	4.1	59
42	Triptycene-Based Organic Molecules of Intrinsic Microporosity. Organic Letters, 2014, 16, 1848-1851.	4.6	55
43	Understanding the Structural Properties of a Homologous Series of Bis-diphenylphosphine Oxides. Chemistry - A European Journal, 2000, 6, 2338-2349.	3.3	53
44	Strategies for the synthesis of porous metal phosphonate materials. Journal of Materials Chemistry, 2002, 12, 3220-3227.	6.7	53
45	Stereoselective Synthesis of Allyl-C-mannosyl Compounds: Use of a Temporary Silicon Connection in Intramolecular Allylation Strategies with Allylsilanes. Journal of Organic Chemistry, 2004, 69, 6341-6356.	3.2	53
46	Microcrystal structure determination of AlPO <sub>4</sub> -CHA using synchrotron radiation. Acta Crystallographica Section C: Crystal Structure Communications, 1994, 50, 852-854.	0.4	52
47	Characterization of Complicated New Polymorphs of Chlorothalonil by X-ray Diffraction and Computer Crystal Structure Prediction. Journal of the American Chemical Society, 2004, 126, 7071-7081.	13.7	52
48	Quantum Computational Investigation of (E)-1-(4-methoxyphenyl)-5-methyl-N <sup>ε</sup> -(3-phenoxybenzylidene)-1H-1,2,3-triazole-4-carbohydrazide. Molecules, 2022, 27, 2193.	3.8	50
49	Predictable Disorder versus Polymorphism in the Rationalization of Structural Diversity: A Multidisciplinary Study of Eniluracil. Crystal Growth and Design, 2008, 8, 3474-3481.	3.0	49
50	Sulfur Monoxide Transfer from <i>peri</i> -Substituted Trisulfide-2-oxides to Dienes: Substituent Effects, Mechanistic Studies and Application in Thiophene Synthesis. Journal of the American Chemical Society, 2011, 133, 5843-5852.	13.7	49
51	The Synthesis of Organic Molecules of Intrinsic Microporosity Designed to Frustrate Efficient Molecular Packing. Chemistry - A European Journal, 2016, 22, 2466-2472.	3.3	49
52	Following the self assembly of supramolecular MOFs using X-ray crystallography and cryospray mass spectrometry. Chemical Science, 2010, 1, 62.	7.4	48
53	Definition of a 'guiding function' in global optimization: a hybrid approach combining energy and R-factor in structure solution from powder diffraction data. Chemical Physics Letters, 2000, 317, 296-303.	2.6	47
54	The structure of aurichalcite, (Cu,Zn) <sub>5</sub> (OH) <sub>6</sub> (CO <sub>3</sub> ) <sub>2</sub> , determined from a microcrystal. Acta Crystallographica Section B: Structural Science, 1994, 50, 673-676.	1.8	46

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55	N-alkyl functionalised expanded ring N-heterocyclic carbene complexes of rhodium(i) and iridium(i): structural investigations and preliminary catalytic evaluation. <i>Dalton Transactions</i> , 2013, 42, 7318.	3.3	45
56	Structure determination from small crystals of two aluminophosphates CrAPO-14 and SAPO-43. <i>Acta Crystallographica Section B: Structural Science</i> , 1993, 49, 413-420.	1.8	43
57	A new anion, [Hg <sub>2</sub> (SCN) <sub>7</sub> ] <sup>3-</sup> : First synthesis, spectroscopic characterization and X-ray structure determination of [Co(NH <sub>3</sub> ) <sub>6</sub> ][Hg <sub>2</sub> (SCN) <sub>7</sub> ]. <i>Inorganic Chemistry Communication</i> , 2006, 9, 852-855.	3.9	43
58	Diverging Pathways in the Activation of Allenes with Lewis Acids and Bases: Addition, 1,2-Carboboration, and Cyclization. <i>Organometallics</i> , 2015, 34, 4127-4137.	2.3	43
59	New Light on an Old Story: The Solid-State Transformation of Ammonium Cyanate into Urea. <i>Journal of the American Chemical Society</i> , 1998, 120, 13274-13275.	13.7	42
60	Interchangeability of halogen and ethynyl substituents in the solid state structures of di- and tri-substituted benzenes. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1998, , 2459-2470.	0.9	41
61	Synthesis of 2,4-Disubstituted Piperidines via Radical Cyclization: Unexpected Enhancement in Diastereoselectivity with Tris(trimethylsilyl)silane. <i>Journal of Organic Chemistry</i> , 2006, 71, 5198-5207.	3.2	40
62	Cyclometalated cinchophen ligands on iridium(iii): towards water-soluble complexes with visible luminescence. <i>Dalton Transactions</i> , 2013, 42, 10347.	3.3	40
63	Topochemical Rationalization of the Solid-State Polymerization Reaction of Sodium Chloroacetate: Structure Determination from Powder Diffraction Data by the Monte Carlo Method. <i>Journal of Physical Chemistry B</i> , 1997, 101, 8827-8831.	2.6	39
64	The development of Monte Carlo methods for crystal structure solution from powder diffraction data: simultaneous translation and rotation of a structural fragment within the unit cell. <i>Journal of Applied Crystallography</i> , 1996, 29, 211-214.	4.5	38
65	A new approach for indexing powder diffraction data based on whole-profile fitting and global optimization using a genetic algorithm. <i>Journal of Synchrotron Radiation</i> , 1999, 6, 87-92.	2.4	38
66	A rapid and efficient protocol for the synthesis of novel nitrothiazolo[3,2-c]pyrimidines via microwave-mediated Mannich cyclisation. <i>Tetrahedron</i> , 2014, 70, 2122-2128.	1.9	38
67	Basic and Reductive Sulfone-Directed Ring-Opening Reactions of Difluorinated Oxa[2.2.1]bicycloheptanes. <i>Organic Letters</i> , 2002, 4, 4125-4128.	4.6	37
68	The anhydrous alums as model triangular-lattice magnets. <i>Journal of Physics Condensed Matter</i> , 1996, 8, L123-L129.	1.8	36
69	Synthesis and Structure of a Calcium Polyphosphate with a Unique Criss-Cross Arrangement of Helical Phosphate Chains. <i>Chemistry of Materials</i> , 2005, 17, 4642-4646.	6.7	36
70	Polymorphism in p-Hydroxybenzoic Acid: The Effect of Intermolecular Hydrogen Bonding in Controlling Proton Order versus Disorder in the Carboxylic Acid Dimer Motif. <i>Angewandte Chemie - International Edition</i> , 2000, 39, 4485-4488.	13.8	35
71	Stereoselective Synthesis of $\beta^2$ -(Chloro)vinylsilanes Using a Regio- and (E)-Stereoselective Bis-Stannylation of Unsymmetrically Substituted Butadiynes: Application to the Synthesis of a Masked Triyne. <i>Organic Letters</i> , 2003, 5, 3971-3974.	4.6	34
72	Role of second-sphere coordination in anion binding: Synthesis, characterization and X-ray structure of hexaamminecobalt(III) chloride hydrogen phthalate trihydrate and sodium hexaamminecobalt(III) benzoate monohydrate. <i>Journal of Molecular Structure</i> , 2005, 748, 143-151.	3.6	34

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73	Structural Rationalisation of Co-crystals Formed between Trithiocyanuric Acid and Molecules Containing Hydrogen Bonding Functionality. <i>Chemistry - A European Journal</i> , 2005, 11, 2433-2439.	3.3	34
74	Design of Potentially Photorefractive Liquid Crystalline Materials: Derivatives of 3,6-Disubstituted Carbazole. <i>Crystal Growth and Design</i> , 2005, 5, 1443-1450.	3.0	34
75	Aggregation of imine-based metallo-supramolecular architectures through $\pi\text{-}\pi$ interactions. <i>Dalton Transactions</i> , 2006, , 2635-2642.	3.3	34
76	Organic room-temperature phosphorescence from halogen-bonded organic frameworks: hidden electronic effects in rigidified chromophores. <i>Chemical Science</i> , 2021, 12, 767-773.	7.4	34
77	Synthesis of 3,4-Disubstituted Piperidines by Carbonyl Ene and Prins Cyclizations: Switching between Kinetic and Thermodynamic Control with Brønsted and Lewis Acid Catalysts. <i>Journal of Organic Chemistry</i> , 2006, 71, 2460-2471.	3.2	32
78	Efficient Electrosynthesis of Thiazolidin-2-Imines via Oxysulfurization of Thiourea-ethered Terminal Alkenes Using the Flow Microreactor. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 1371-1376.	2.4	32
79	Structure of phenazine. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1991, 47, 1113-1114.	0.4	30
80	Recognition-Mediated Facilitation of a Disfavored Diels-Alder Reaction. <i>Organic Letters</i> , 1999, 1, 1087-1090.	4.6	30
81	Formation of a [1+1] metallomacrocyclic ligand containing two terpy and one bipy metal-binding domains. <i>Chemical Communications</i> , 2002, , 2068-2069.	4.1	30
82	How well do we understand self-assembly algorithms? From prototype grid to polymers. <i>Comptes Rendus Chimie</i> , 2002, 5, 425-430.	0.5	30
83	A one-step synthesis towards new ligands based on aryl-functionalised thiazolo[5,4-d]thiazole chromophores. <i>Tetrahedron Letters</i> , 2010, 51, 5419-5422.	1.4	30
84	The design of a molecularly selective capillary based on an incommensurate intergrowth structure. <i>Chemical Physics Letters</i> , 1999, 307, 320-326.	2.6	29
85	Design of a Solid Inclusion Compound with Optimal Properties as a Linear Dichroic Filter for X-ray Polarization Analysis. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 2982-2985.	13.8	29
86	New approaches to sugar-functionalised 2,2',6',2''-terpyridines based upon tetrafluorophenoxy spacers; crystal and molecular structures of 4-(tetrafluoro-4-hydroxyphenyl)-2,2',6',2''-terpyridine and 4-(4-methoxytetrafluorophenyl)-2,2',6',2''-terpyridine. <i>Polyhedron</i> , 2003, 22, 687-698.	2.2	29
87	Stereoselective synthesis of 2,4,5-trisubstituted piperidines by carbonyl ene and Prins cyclisations. <i>Organic and Biomolecular Chemistry</i> , 2008, 6, 3337.	2.8	29
88	2,7-Di-tert-butyl-naphtho[1,8-cd][1,2]dithiole 1,2-dioxides: Thermally Stable, Photochemically Active Disulfoxides. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 4832-4835.	13.8	29
89	Enhancing the rigidity of a network polymer of intrinsic microporosity by the combined use of phthalocyanine and triptycene components. <i>Polymer Chemistry</i> , 2011, 2, 2190.	3.9	29
90	Polymorphism in a <i>trans</i> -Cinnamic Acid Derivative Exhibiting Two Distinct $\beta$ -type Phases: Structural Properties, [2 + 2] Photodimerization Reactions, and Polymorphic Phase Transition Behavior. <i>Crystal Growth and Design</i> , 2013, 13, 4110-4117.	3.0	29

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91	Imidodiphosphonate Ligands for Enhanced Sensitization and Shielding of Visible and Near-Infrared Lanthanides. <i>Inorganic Chemistry</i> , 2019, 58, 13268-13275.	4.0	29
92	Stereoselective Synthesis of 2,4,5-Trisubstituted Tetrahydropyrans Using an Intramolecular Allylation Strategy. <i>Organic Letters</i> , 2006, 8, 4649-4652.	4.6	28
93	Luminescent rhenium(I) complexes of substituted imidazole[4,5-f]-1,10-phenanthroline derivatives. <i>Journal of Organometallic Chemistry</i> , 2014, 749, 150-156.	1.8	28
94	Structural Diversity in Silver(I) Complexes of 3,6-Di(2-pyridyl)pyridazines. <i>Australian Journal of Chemistry</i> , 2003, 56, 653.	0.9	27
95	A wavelength and lifetime responsive cryptate-containing fluorescent probe for zinc ions in water. <i>Chemical Communications</i> , 2008, , 6185.	4.1	27
96	Synthesis of the trans-hydrindane core of dictyoxetane. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 4926.	2.8	27
97	Pathways to Functionalized Heterocycles: Propargyl Rearrangement using $B(C_6F_5)_3$ . <i>Organometallics</i> , 2015, 34, 5298-5309.	2.3	27
98	Solution of an organic crystal structure from X-ray powder diffraction data by a generalized rigid-body Monte Carlo method: crystal structure determination of 1-methylfluorene. <i>Journal of Materials Chemistry</i> , 1996, 6, 1601.	6.7	26
99	Crystal Structure Solution from Neutron Powder Diffraction Data by a new Monte Carlo Approach Incorporating Restrained Relaxation of the Molecular Geometry. <i>Journal of Applied Crystallography</i> , 1997, 30, 968-974.	4.5	26
100	A new hydrogen bonding motif based on 10-hydroxy-10,9-borazarophenanthrene. <i>Tetrahedron</i> , 1997, 53, 8599-8612.	1.9	26
101	Rhodium and iridium complexes of an asymmetric bicyclic NHC bearing secondary pyridyl donors. <i>Dalton Transactions</i> , 2011, 40, 8807.	3.3	26
102	Copper(II) complexes of pyridine-oxazoline (Pyox) ligands: Coordination chemistry, ligand stability, and catalysis. <i>Inorganica Chimica Acta</i> , 2016, 441, 86-94.	2.4	26
103	Dynamics of the Hydrogen-Bonding Arrangement in Solid Triphenylmethanol: An Investigation by Solid-State 2H NMR Spectroscopy. <i>Journal of Physical Chemistry B</i> , 1998, 102, 2165-2175.	2.6	25
104	Structural and magnetic characterization of the frustrated triangular-lattice antiferromagnets $CsFe(SO_4)_2$ and $RbFe(SO_4)_2$ . <i>Physical Review B</i> , 1999, 59, 14451-14460.	3.2	25
105	Reaction of heterocyclic enamines with nitrile oxide and nitrilimine precursors. <i>Organic and Biomolecular Chemistry</i> , 2010, 8, 4978.	2.8	25
106	X-ray birefringence imaging. <i>Science</i> , 2014, 344, 1013-1016.	12.6	25
107	Efficient electrochemical synthesis of a manganese-based metal-organic framework for $H_2$ and $CO_2$ uptake. <i>Green Chemistry</i> , 2021, 23, 1220-1227.	9.0	25
108	Design and synthesis of ibuprofen-quinoline conjugates as potential anti-inflammatory and analgesic drug candidates. <i>Bioorganic Chemistry</i> , 2022, 119, 105557.	4.1	25



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109	Intermolecular organization of triphenylene-based discotic mesogens by interdigitation of alkyl chains. <i>Liquid Crystals</i> , 2000, 27, 689-692.	2.2	24
110	Structural understanding of a polymorphic system by structure solution and refinement from powder X-ray diffraction data: the $\hat{1}$ and $\hat{2}$ phases of the latent pigment DPP-Boc. <i>Perkin Transactions II</i> , 2000, , 1513-1519.	1.1	24
111	Rapid assembly of highly-functionalised difluorinated cyclooctenones via ring-closing metathesis. <i>Chemical Communications</i> , 2002, , 228-229.	4.1	24
112	Expanded Ring and Backbone Functionalised N-Heterocyclic Carbenes. <i>European Journal of Inorganic Chemistry</i> , 2010, 2010, 1604-1607.	2.0	24
113	Structural diversity, but no polymorphism, in a homologous family of co-crystals of urea and $\hat{1}$ -di-hydroxyalkanes. <i>New Journal of Chemistry</i> , 2011, 35, 1515.	2.8	24
114	Actions of <i>Artemisia vulgaris</i> extracts and isolated sesquiterpene lactones against receptors mediating contraction of guinea pig ileum and trachea. <i>Journal of Ethnopharmacology</i> , 2011, 137, 808-816.	4.1	24
115	Variable coordination of a chiral diphosphine containing an amidinium/NHC group within its backbone: $\hat{1}$ -P, $\hat{2}$ -P, and $\hat{3}$ -P,C coordination modes. <i>Dalton Transactions</i> , 2012, 41, 12395.	3.3	24
116	Self-assembly of a twelve-component hexanuclear metallomacrocyclic constructed with a novel tri-amino ligand. Electronic supplementary information (ESI) available: experimental details. See <a href="http://www.rsc.org/suppdata/cc/b2/b209493m/">http://www.rsc.org/suppdata/cc/b2/b209493m/</a> . <i>Chemical Communications</i> , 2002, , 2912-2913.	4.1	23
117	Structural Aspects of the -Polymorph of (E)-4-Formylcinnamic Acid: Structure Determination Directly from Powder Diffraction Data and Elucidation of Structural Disorder from Solid-State NMR. <i>Helvetica Chimica Acta</i> , 2003, 86, 1467-1477.	1.6	23
118	Synthesis and stereochemical determination of batzelladine C methyl ester. <i>Organic and Biomolecular Chemistry</i> , 2009, 7, 5001.	2.8	23
119	Centrotriindane- and triptindane-based polymers of intrinsic microporosity. <i>Polymer</i> , 2014, 55, 326-329.	3.8	23
120	Preferential Formation of C-H...C Interactions in the Solid State. <i>Journal of Solid State Chemistry</i> , 1997, 134, 203-206.	2.9	22
121	A polymeric sodium complex of 3,6-bis(2-pyridyl)-1,2,4,5-tetrazine. <i>Chemical Communications</i> , 2001, , 2134-2135.	4.1	22
122	Ammonium Cyanate Shows N-H...N Hydrogen Bonding, Not N-H...O. <i>Journal of the American Chemical Society</i> , 2003, 125, 14449-14451.	13.7	22
123	Synthesis and structural characterisation of two new porous metal phosphonates: Zn(O <sub>3</sub> PCH <sub>2</sub> CO <sub>2</sub> H)·H <sub>2</sub> O and Pb(O <sub>3</sub> CHCH <sub>2</sub> ). <i>Microporous and Mesoporous Materials</i> , 2007, 99, 62-69.	4.4	22
124	Neutral and cationic cyclometallated Ir(III) complexes of anthra[1,2-d]imidazole-6,11-dione-derived ligands: Syntheses, structures and spectroscopic characterisation. <i>Journal of Organometallic Chemistry</i> , 2010, 695, 2401-2409.	1.8	22
125	Novel quasi-scorpionate ligand structures based on a bis-N-heterocyclic carbene chelate core: synthesis, complexation and catalysis. <i>Applied Organometallic Chemistry</i> , 2011, 25, 374-382.	3.5	22
126	Lewis acid-base 1,2-addition reactions: synthesis of pyrylium borates from en-ynoate precursors. <i>Dalton Transactions</i> , 2016, 45, 5929-5932.	3.3	22



#	ARTICLE	IF	CITATIONS
127	Photoactivity of Cinnamate-Intercalates of Layered Double Hydroxides. <i>Molecular Crystals and Liquid Crystals</i> , 1992, 211, 271-281.	0.3	21
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