

Christine Joy Mckenzie
Institut for Fysik, Kemi og Farmaci
Kemi og Farmaci
SDU Climate Cluster
E-mail: mckenzie@sdu.dk
Telefon: +4565502518



Education

1979 High School Certificate, Girton College, Bendigo, Victoria, Australia
1980-1984 Bachelor of Science Education, B.Sc.Ed.The University of Melbourne, Victoria, Australia
1985 Bachelor of Science Honours (First Class), B.Sc.(Hons) The University of Melbourne, Victoria, Australia
1987-1990 Doctor of Philosophy, Ph. D. (supervisor: Prof. Richard Robson)The University of Melbourne, Victoria, Australia

Academic Employment

1991-1992 Post Doctoral Researcher, Odense University, Denmark.
1994-1997 Assistant Professor (Bioinorganic Chemistry), Odense University, Denmark.
1998-2005 Associate Professor (Bioinorganic Chemistry), University of Southern Denmark, Odense, Denmark.
2005-present Professor (Nanobioscience), Department of Physics and Chemistry, University of Southern Denmark, Odense, Denmark.

Selected Professional Activities

2012-Member of the steering committee for the International Conference of Coordination Chemistry (ICCC)
2007-2012 Member of the Danish Council for Independent Research | Natural Sciences (FNU).
2007 Member of the Swedish Natural Science Research Council (chemistry panel)
2005- Member of the Faculty of Science SDU's evaluation committee for Assistant and Associate Professors (Lektor/Adjunkt udvalg).
2003-2009 Board member of the National Danish Crystallography committee. Organizer of Danish National Crystallography meeting May 16-17, 2006, Odense DK, 70 participants.
2001-2004 Board member of the Danish Society of Chemistry. Organiser of three annual one day meetings of the Danish Chemical Society in Odense, June 2002, June 2003, June 2004, 150-200 participants.
1996-2002 Member of the committee for European Inorganic Chemistry Seminars, European Science Foundation (ESF). During this time helped organize three conferences (1 in Denmark, 2 in Spain) with approx. 100 participants.

Scholarships, Awards, Visiting Fellowships

Professor Kernot Scholarship and CSR chemistry prize for top chemistry undergraduate at the University of Melbourne, 1984.
Commonwealth Post Graduate Research Scholarship (1985-1989).
Researcher of the year for Odense County (Årets forsker, Odense Kommune). 1997.
Fyens Stiftstidende Researcher of the Year, 2008.
University of Sydney, International Visiting Research Fellowship, for 6 week visit in February 2009.
Carlsberg Kemi Pris, May 2009.
University of Gothenburg, Sweden, Visiting Professorship, September 2010-January 2011.

Supervision

Post Docs: John McGinley (1995), Andrew Bond (2003), Rune Kirk Egdal (2008-2010), Anders Lennartson (October 2009-Dec 2011) Jonas Sundberg (2013), Claire DeVille (2013)
Ph.D. students: Current: Simon Svane (co-supervisor, 2012-2014).
Former: Jonas Sundberg (2009-2012), Mads Sørensen Vad (2009-2012), Anne Nielsen (2006-2010) Rune Kirk Egdal (2005-2008), Frank Bartnik Larsen/Johansson (2003-2007), Lars Preuss Nielsen (2000-2003), Morten Ghiladi (1995-1999)
Speciale (Master's): Current: Charlotte Sommer.
Former: David Poulsen de Sousa, Simon Svane (co-supervisor), Lene Christensen (co-supervisor) Sune Veltzé, Anne Nielsen, Birgit Jensen, Rune Kirk Egdal, Sanne Kjærgaard-Knudsen, Fabienne Bramsen, Jens Carl Laursen, Julian Felix Levin, Martin Nordvig Mortensen, Frank Bartnik Larsen, Aase Christiansen, Astrid Boisen, Pia Dalgaard, Edel Johansen, Rene Tangaard (co-supervisor), Henrik Molina Svendsen (co-supervisor).

External Funding

2013-2015 "Materials that Breathe" Post doc stipend, Villum Kann Rasmussen Fond. 1.145.550 Kr
2013-2015 "Biomimetic Metal Mediated reactivity" PI, FNU. Post doc salary and consumables. 2.155.680 Kr

Publikationer

Curbing chlorine disinfection byproduct formation with a biomimetic FeTAML oxidation catalyst

McPherson, J. N., Larsen, F. T., Lind, M. J., Miller, C. J., Waite, T. D., McKenzie, C. J. & Lauritsen, F. R., 2024, I: Environmental Science: Water Research and Technology. 10, 2, s. 480-489

Electrocatalysis of the Oxygen Reduction Reaction by Copper Complexes with Tetradentate Tripodal Ligands

Skavenborg, M. L., Møller, M. S., Miller, C. J., Hjelm, J., Waite, T. D. & McKenzie, C. J., 6. nov. 2023, I: Inorganic Chemistry. 62, 44, s. 18219-18227

NO Reactions Inside Crystals

Sondrup Møller, M., Petrunin, V., Mossin, S., McKee, V. & McKenzie, C. J., 25. sep. 2023, I: European Journal of Inorganic Chemistry. 26, 27, 7 s., e202300235.

A Click Chemistry-Based Artificial Metallo-Nuclease

Gibney, A., de Paiva, R. E. F., Singh, V., Fox, R., Thompson, D., Hennessy, J., Slator, C., McKenzie, C. J., Johansson, P., McKee, V., Westerlund, F. & Kellett, A., 18. sep. 2023, I: Angewandte Chemie - International Edition. 62, 38, 8 s., e202305759.

Sulfonamido-Pincer Complexes of Cu(II) and the Electrocatalysis of O₂ Reduction

Skavenborg, M. L., Møller, M. S., Mossin, S., Waite, T. D. & McKenzie, C. J., 3. aug. 2023, I: Inorganic Chemistry. 62, 32, s. 12741-12749

Structure Activity Relationships for Reversible O₂ Chemisorption by the Solid Phases of Co(salen) and Co(3F-salen)

Møller, M. S. & McKenzie, C. J., 2023, I: JACS Au. 3, 5, s. 1484-1495

Heterometallic {Fe₁₈M₆} (M = Y, Gd, Dy) pivalate wheels display solvent-induced polymorphism

Podgornii, D., Amombo Noa, F. M., Van Leusen, J., McKenzie, C. J., Öhrström, L., Kögerler, P. & Baca, S. G., 7. sep. 2022, I: Crystal Growth and Design. 22, 9, s. 5526-5534

An experimental laboratory reactor for quantitative kinetic studies of disinfection byproduct formation using membrane inlet mass spectrometry

Larsen, F. T., McPherson, J. N., McKenzie, C. J. & Lauritsen, F. R., 30. aug. 2022, I: Rapid Communications in Mass Spectrometry. 36, 16, s. e9339 10 s., e9339.

Leveraging coordination chemistry in the design of bipolar energy storage materials for redox flow batteries

Skavenborg, M. L., McPherson, J. N., Pasadakis-Kavounis, A., Hjelm, J., Waite, T. D. & McKenzie, C. J., 7. maj 2022, I: Sustainable Energy and Fuels. 6, 9, s. 2179-2190

Probing noncovalent interactions in [3,3]Metaparacyclophanes

Jian, J., Hammink, R., Tinnemans, P., Bickelhaupt, F. M., McKenzie, C. J., Poater, J. & Mecinović, J., 6. maj 2022, I: The Journal of Organic Chemistry. 87, 9, s. 6087-6096

Probing the Lewis Acidity of Boronic Acids through Interactions with Arene Substituents

Jian, J., Hammink, R., McKenzie, C. J., Bickelhaupt, F. M., Poater, J. & Mecinović, J., 16. feb. 2022, I: Chemistry - A European Journal. 28, 9, 7 s., e202104044.

Facile transmetallation of [Sb^{III}(DOTA)]⁻ renders it unsuitable for medical applications

Chen, C., Sommer, C., Thisgaard, H., McKee, V. & McKenzie, C. J., 2022, I: RSC Advances. 12, 10, s. 5772-5781

A unified topology approach to dot-, rod-, and sheet-MOFs

Noa, F. M. A., Abrahamsson, M., Ahlberg, E., Cheung, O., Gob, C. R., McKenzie, C. J. & Öhrström, L., 9. sep. 2021, I: Chem. 7, 9, s. 2491-2512

Solid Phase Nitrosylation of Enantiomeric Cobalt(II) Complexes

Møller, M. S., Liljedahl, M. C., McKee, V. & McKenzie, C. J., jun. 2021, I: Chemistry. 3, 2, s. 585-597

Preparation of organocobalt(III) complexes via O₂ activation

Møller, M. S., Kongsted, J. & McKenzie, C. J., 14. apr. 2021, I: Dalton Transactions. 50, 14, s. 4819-4829

Do sulfonamides interact with aromatic rings?

Jian, J., Hammink, R., McKenzie, C., Bickelhaupt, F. M., Poater, J. & Mecinović, J., 26. mar. 2021, I: Chemistry - A European Journal. 27, 18, s. 5721-5729

Cooperative Co-Activation of Water and Hypochlorite by a Non-Heme Diiron(III) Complex

McPherson, J. N., Miller, C. J., Wegeberg, C., Chang, Y., Hedegård, E. D., Bill, E., Waite, T. D. & McKenzie, C. J., 2021, I: Journal of the American Chemical Society. 143, 37, s. 15400-15412

Engineering the Oxidative Potency of Non-Heme Iron(IV) Oxo Complexes in Water for C-H Oxidation by a cis Donor and Variation of the Second Coordination Sphere

Wegeberg, C., Skavenborg, M. L., Liberato, A., McPherson, J. N., Browne, W. R., Hedegård, E. D. & McKenzie, C. J., 2021, I: Inorganic Chemistry. 60, 3, s. 1975-1984

Kinetic Analysis of H₂O₂ Activation by an Iron(III) Complex in Water Reveals a Nonhomolytic Generation Pathway to an Iron(IV)oxo Complex

Miller, C. J., Chang, Y., Wegeberg, C., McKenzie, C. J. & Waite, T. D., 2021, I: ACS Catalysis. 11, 2, s. 787-799

Acetylacetonate and Acetate Complexes of Nickel(II) Catalyse the Air Oxidation of Phosphines

Hansen, L. S., Jakobsen, V. B., McKee, V. & McKenzie, C. J., 30. nov. 2020, I: European Journal of Inorganic Chemistry. 2020, 44, s. 4163-4169

Photosynthesis of a Dihydroimidazopyridine Chelate Shines Light on the Reactions of a Photoactivated Iron(III) Complex with O₂

Wegeberg, C., De Aguirre, A., Maseras, F. & McKenzie, C. J., 16. nov. 2020, I: Inorganic Chemistry. 59, 22, s. 16281-16290

Front Cover: Through-Space Polar- π Interactions in 2,6-Diarylthiophenols (ChemPhysChem 11/2020)

Jian, J., Poater, J., Hammink, R., Tinnemans, P., McKenzie, C. J., Bickelhaupt, F. M. & Mecinović, J., 3. jun. 2020, I: ChemPhysChem. 21, 11, s. 1079-1079

Through-Space Polar- π Interactions in 2,6-Diarylthiophenols

Jian, J., Poater, J., Hammink, R., Tinnemans, P., McKenzie, C., Bickelhaupt, F. M. & Mecinović, J., 3. jun. 2020, I: ChemPhysChem. 21, 11, s. 1092-1100

Through-Space Polar- π Interactions in 2,6-Diarylthiophenols: Cover profile

Jian, J., Poater, J., Hammink, R., Tinnemans, P., McKenzie, C. J., Bickelhaupt, F. M. & Mecinović, J., 3. jun. 2020, I: ChemPhysChem. 21, 11, s. 1080

Metal–Organic Frameworks with Hexakis(4-carboxyphenyl)benzene: Extensions to Reticular Chemistry and Introducing Foldable Nets

Amombo Noa, F. M., Grape, E. S., Brülls, S. M., Cheung, O., Malmberg, P., Inge, A. K., McKenzie, C., Mårtensson, J. & Öhrström, L., 2020, I: Journal of the American Chemical Society. 142, 20, s. 9471-9481

Probing Halogen- π versus CH- π Interactions in Molecular Balance

Jian, J., Poater, J., White, P. B., McKenzie, C. J., Bickelhaupt, F. M. & Mecinović, J., 2020, I: Organic Letters. 22, 20, s. 7870-7873

Structure-Activity Relationship Studies of Tetrahydroquinolone Free Fatty Acid Receptor 3 Modulators

Ulven, E. R., Quon, T., Sergeev, E., Barki, N., Brvar, M., Hudson, B. D., Dutta, P., Hansen, A. H., Bielefeldt, L., Tobin, A. B., McKenzie, C. J., Milligan, G. & Ulven, T., 2020, I: Journal of Medicinal Chemistry. 63, 7, s. 3577-3595

Redox- and EPR-Active Graphene Diiron Complex Nanocomposite

de Sousa, D. P., Yu, J. H., Miller, C. J., Chang, Y., McKenzie, C. J. & Waite, T. D., 24. sep. 2019, I: Langmuir : the ACS journal of surfaces and colloids. 35, 38, s. 12339-12349 11 s.

Cis Donor Influence on O-O Bond Lability in Iron(III) Hydroperoxo Complexes: Oxidation Catalysis and Ligand Transformation

Wegeberg, C., Browne, W. R. & McKenzie, C. J., 15. jul. 2019, I: Inorganic Chemistry. 58, 14, s. 8983-8994

NO sorption, in-crystal nitrite and nitrate production with arylamine oxidation in gas-solid single crystal to single crystal reactions

Møller, M. S., Haag, A., McKee, V. & McKenzie, C. J., 1. jan. 2019, I: Chemical Communications. 55, 71, s. 10551-10554 4 s.

Reversible and Vapochromic Chemisorption of Ammonia by a Copper(ii) Coordination Polymer

Wegeberg, C., Nielsen, D., Mossin, S., Abrahams, B. F., McKee, V. & McKenzie, C. J., 2019, I: Australian Journal of Chemistry. 72, 10, s. 817-826

Discovery of a Potent Thiazolidine Free Fatty Acid Receptor 2 Agonist with Favorable Pharmacokinetic Properties

Hansen, A. H., Sergeev, E., Bolognini, D., Sprenger, R. R., Ekberg, J. H., Ejsing, C. S., McKenzie, C. J., Rexen Ulven, E., Milligan, G. & Ulven, T., 8. nov. 2018, I: Journal of Medicinal Chemistry. 61, 21, s. 9534-9550

Tetrameric and polymeric silver complexes of the omeprazole scaffold; synthesis, structure, *in vitro* and *in vivo* antimicrobial activities and DNA interaction

Jakobsen, V., Viganor, L., Blanco-Fernández, A., Howe, O., Devereux, M., McKenzie, C. J. & McKee, V., 1. sep. 2018, I: Journal of Inorganic Biochemistry. 186, s. 317-328

Catalytic Alkyl Hydroperoxide and Acyl Hydroperoxide Disproportionation by a Nonheme Iron Complex

Wegeberg, C., Browne, W. R. & McKenzie, C. J., 2018, I: ACS Catalysis. 8, 11, s. 9980-9991

Directing a Non-Heme Iron(III)-Hydroperoxide Species on a Trifurcated Reactivity Pathway

Wegeberg, C., Lauritsen, F. R., Frandsen, C., Mørup, S., Browne, W. R. & McKenzie, C., 2018, I: Chemistry - A European Journal. 24, 20, s. 5134-5145

Photoinduced O₂-Dependent Stepwise Oxidative Deglycation of a Nonheme Iron(III) Complex

Wegeberg, C., Fernández-Alvarez, V. M., De Aguirre, A., Frandsen, C., Browne, W. R., Maseras, F. & McKenzie, C. J., 2018, I: Journal of the American Chemical Society. 140, 43, s. 14150-14160

Tuning Peroxide Activation by Non-Heme Iron Complexes

Wegeberg, C., Browne, W. R. & McKenzie, C., 2018. 1 s.

Assignment of solid-state ¹³C and ¹H NMR spectra of paramagnetic Ni(II) acetylacetonate complexes aided by first-principles computations

Rouf, S. A., Jakobsen, V. B., Mareš, J., Jensen, N. D., McKenzie, C. J., Vaara, J. & Nielsen, U. G., 2017, I: Solid State Nuclear Magnetic Resonance. 87, s. 29-37

Copper-promoted methylene C-H oxidation to a ketone derivative by O₂

Deville, C., McKee, V. & McKenzie, C. J., 2017, I: Dalton Transactions. 46, 3, s. 709-719

Electrochemically Generated cis-Carboxylato-Coordinated Iron(IV) Oxo Acid-Base Congeners as Promiscuous Oxidants of Water Pollutants

de Sousa, D. P., Miller, C. J., Chang, Y., Waite, T. D. & McKenzie, C. J., 2017, I: Inorganic Chemistry. 56, 24, s. 14936-14947

Evidence of molybdenum association with particulate organic matter under sulfidic conditions

Dahl, T. W., Chappaz, A., Hoek, J., McKenzie, C., Svane, S. & Canfield, D. E., 2017, I: Geobiology. 15, 2, s. 311-323

Light-Activated Oxidation of the Ligand of an Iron(III) Complex

Wegeberg, C., Fernández, V., Frandsen, C., Maseras, F., Browne, W. R. & McKenzie, C., 2017. 1 s.

Noncovalent Halogen Bonding as a Mechanism for Gas-Phase Clustering

Wegeberg, C., Donald, W. A. & McKenzie, C., 2017, I: Journal of the American Society for Mass Spectrometry. 28, 10, s. 2209-2216 8 s.

Reduction of hypervalent iodine by coordination to iron(III) and the crystal structures of PhIO and PhIO₂

Wegeberg, C., Frankær, C. G. & McKenzie, C., okt. 2016, I: Dalton Transactions. 45, 44, s. 17714-17722

Halogen-Bonding-Assisted Iodosylbenzene Activation by a Homogenous Iron Catalyst

Poulsen de Sousa, D., Wegeberg, C., Vad, M. S., Mørup, S., Frandsen, C., Donald, W. A. & McKenzie, C., 7. mar. 2016, I: Chemistry - A European Journal. 22, 11, s. 3810-3820

Cover Picture: O₂ Activation and Double C-H Oxidation by a Mononuclear Manganese(II) Complex (Angew. Chem. Int. Ed. 2/2016)

Deville, C., Padamati, S. K., Sundberg, J., McKee, V., Browne, W. R. & McKenzie, C., jan. 2016, I: Angewandte Chemie International Edition. 55, 2, s. 453

O₂ Activation and Double C-H Oxidation by a Mononuclear Manganese(II) Complex

Deville, C., Padamati, S. K., Sundberg, J., McKee, V., Browne, W. R. & McKenzie, C., jan. 2016, I: Angewandte Chemie International Edition. 55, 2, s. 545-549

A coordinatively flexible hexadentate ligand gives structurally isomeric complexes M₂(L)X₃ (M = Cu, Zn; X = Br, Cl)

Wegeberg, C., McKee, V. & McKenzie, C., 2016, I: Acta Crystallographica Section C: Structural Chemistry. 72, 1, s. 68-74

Emissive Ruthenium-Bisdiimine Complexes with Chelated Thioether Donors

Wallenstein, J., Sundberg, J., McKenzie, C. & Abrahamsson, M., 2016, I: European Journal of Inorganic Chemistry. 2016, 6, s. 897-906

Iron Coordination and Halogen-Bonding Assisted Iodosylbenzene Activation

Wegeberg, C., Poulsen de Sousa, D. & McKenzie, C., 2016. 1 s.

Spin Crossover in Fe(II) Complexes with N₄S₂ Coordination

Arroyave, A., Lennartson, A., Dragulescu-Andrasi, A., Pedersen, K., Piligkos, S., Stoian, S., Greer, S., Pak, C., Hietsoi, O., Phan, H., Hill, S., McKenzie, C. & Shatruk, M., 2016, I: Inorganic Chemistry. 55, 12, s. 5904-5913

O₂ Activation and Double C-H Oxidation by a Mononuclear Manganese(II) Complex

Deville, C., Padamati, S. K., Sundberg, J., McKee, V., Browne, W. R. & McKenzie, C., 24. aug. 2015. 1 s.

Absolute Asymmetric Synthesis: Protected Substrate Oxidation

Olsson, S., Björemark, P.-M., Kokoli, T., Sundberg, J., Lennartson, A., McKenzie, C. & Håkansson, M., 2015, I: Chemistry - A European Journal. 21, 13, s. 5211-5219

Accessing iron amides from dimesityliron

Sundberg, J., Vad, M. S., McGrady, J. E., Björemark, P.-M., Håkansson, M. & McKenzie, C. J., 2015, I: Journal of Organometallic Chemistry. 786, s. 40-47

Caught! Crystal trapping of a side-on peroxo bound to Cr(IV)

Poulsen de Sousa, D., O. Bigelow, J., Sundberg, J., Que Jr., L. & McKenzie, C. J., 2015, I: *Chemical Communications*. 51, 14, s. 2802-2805

Dimetallic functionalities in liposome bilayers

Svane, S., Kuntsche, J., Steiniger, F., Eich, A., Duelund, L., McKee, V. & McKenzie, C., 2015, I: *Supramolecular Chemistry*. 27, 10, s. 642-653

Effect of Metals in Biomimetic Dimetal Complexes on Affinity and Gas-Phase Protection of Phosphate Esters

Svane, S., Jørgensen, T. J. D., McKenzie, C. & Kjeldsen, F., 2015, I: *Analytical Chemistry*. 87, 14, s. 7060-7068

High Turnover Catalase Activity of a Mixed-Valence Mn^{II}Mn^{III} complex with terminal carboxylate donors

Singh, R., Haukka, M., McKenzie, C. & Nordlander, E., 2015, I: *European Journal of Inorganic Chemistry*. 2015, 21, s. 3485-3492

Molecular Iron-based Oxidants and their Stoichiometric Reactions

Poulsen de Sousa, D. & McKenzie, C., 2015, *Iron Catalysis II*. Bauer, E. (red.). Springer, s. 311-356 (Topics in Organometallic Chemistry, Bind 50).

Reversible guest binding in a non-porous Fe^{II} coordination polymer host toggles spin crossover

Lennartson, A., Southon, P., Sciortino, N., Kepert, C., Frandsen, C., Mørup, S., Piligkos, S. & McKenzie, C., 2015, I: *Chemistry - A European Journal*. 21, 45, s. 16066-16072

The Selectivity of Water-based Pyrophosphate Recognition is Tuned by Metal Substitution in Dimetallic Receptors

Svane, S., Kjeldsen, F., McKee, V. & McKenzie, C., 2015, I: *Dalton Transactions*. 44, 26, s. 11877-11886

Too many cooks spoil the broth: Variable potencies of oxidizing Mn complexes of a hexadentate carboxylate ligand

Deville, C., Finsel, M., Poulsen de Sousa, D., Szafranowska, B., Behnken, J., Svane, S., Bond, A. D., Seidler-Egdal, R. K. & McKenzie, C., 2015, I: *European Journal of Inorganic Chemistry*. 2015, 21, s. 3543-3549 7 s.

Iron and manganese complexes comprising hexadentate monocarboxylate-containing ligands and their use for the catalysis of oxidation reactions

McKenzie, C. J. (Opfinder), 27. nov. 2014, IPC nr. P100727US00, 17. maj 2014, Prioritetsdato 20. maj 2014, Prioritetsnr. US201414282279 20140520

Activation of Oxidants with Chromium: Cr(V)oxo and Cr(IV)peroxo complexes can be made from a surprisingly labile Cr(III) complex

Poulsen de Sousa, D., Sundberg, J. & McKenzie, C. J., 22. maj 2014.

Gas Phase Chemistry of [LFeO]⁺ Complexes

Svane, S., Donald, W. A., O'Hair, R. & McKenzie, C. J., maj 2014.

New Oxime Ligand with Potential for Proton-Coupled Electron-Transfer Reactions

Deville, C., Sundberg, J. & McKenzie, C. J., mar. 2014. 1 s.

A Versatile Dinucleating Ligand Containing Sulfonamide Groups: Inorganic Chemistry

Sundberg, J., Witt, H., Cameron, L., Håkansson, M., Bendix, J. & McKenzie, C. J., 2014, I: *Inorganic Chemistry*. 53, 6, s. 2873-2882

Halogen-bonding stabilizes a Fe(III)-oxo transfer reagent adduct

Poulsen de Sousa, D., Vad, M. S. & McKenzie, C. J., 2014.

Oxygen Chemisorption/Desorption in a Reversible Single-Crystal-To-Single-Crystal Transformation
McKenzie, C. J., Sundberg, J., Cameron, L., Southon, P. D. & Kepert, C. J., 2014, I: Chemical Science. 9 s.

Solid state ^{13}C and ^2H NMR investigations of paramagnetic $[\text{Ni}(\text{II})(\text{acac})_2\text{L}_2]$ complexes
Lennartson, A., Christensen, L. U., McKenzie, C. J. & Nielsen, U. G., 2014, I: Inorganic Chemistry. 53, 1, s. 399-408

Dimetal Phosphate Ester Stabilization and Strong-Cation Exchange Chromatography (DIMPES-SCX): A Novel Approach for Phosphopeptide Enrichment
Verano-Braga, T., Svane, S., McKenzie, C. J. & Kjeldsen, F., 12. jun. 2013.

DIMETALLIC PROTECTING GROUP FOR PHOSPHORYLATED PEPTIDES AND PROTEINS
McKenzie, Christine, J. (Opfinder), Kjeldsen, F. (Opfinder) & Svane, S. (Opfinder), 10. maj 2013, IPC nr. G01N 33/ 68 A I, Patentnr. WO2013064554, Prioritetsdato 30. apr. 2012, Prioritetsnr. DK2012PA00290

Investigation and Characterization of Potential Dimetallic Tags for the Selective Recognition and Protection of Phosphate Ester Groups in CID Activation
Svane, S., Kjeldsen, F. & McKenzie, C. J., 2013.

Tuning affinity and reversibility for O_2 binding in dinuclear $\text{Co}(\text{II})$ complexes
Vad, M. S., Johansson, F. B., Seidler-Egdal, R. K., McGrady, J. E., Novikov, S. M., Bozhevolnyi, S. I., Bond, A. D. & McKenzie, C. J., 2013, I: Dalton Transactions. 42, 27, s. 9921-9929

(2,2'-Bipyridine-4,4'-dicarboxylic acid- $\kappa^2\text{N,N}'$)chlorido(2,2':6',2''-terpyridyl- $\kappa^3\text{N,N',N}''$)ruthenium(II) perchlorate ethanol monosolvate monohydrate
Nielsen, A., McKenzie, C. J. & Bond, A. D., 2012, I: Acta Crystallographica Section E: Crystallographic Communications. 68, s. M77-78

An aqueous non-heme $\text{Fe}(\text{IV})$ oxo complex with a basic group in the second coordination sphere
Vad, M. S., Lennartson, A., Nielsen, A., Harmer, J., McGrady, J., Frandsen, C., Mørup, S. & McKenzie, C. J., 2012, I: Chemical Communications. 48, s. 10880-10882

An Iron(III) Iodosylbenzene Complex: A Masked Non-Heme Fe^{VO}
Lennartson, A. & McKenzie, C. J., 2012, I: Angewandte Chemie International Edition. 51, 27, s. 6767-6770

Bridging nitrile groups in a Metal Organic Framework
Lennartson, A. & McKenzie, C. J., 2012, I: Journal of Coordination Chemistry. 65, 23, s. 4194-4202

Dimetal Complexes of a Bibrachial 2+2 Thiolate-based Macrocyclic
Lennartson, A., McKee, V., Nelson, J., Arthurs, M. & McKenzie, C. J., 2012, I: Supramolecular Chemistry. 24, s. 604-617
14 s.

Four-Site Cooperative Spin Crossover in a Mononuclear $\text{Fe}(\text{II})$ Complex
Lennartson, A., Bond, A. D., Piligkos, S. & McKenzie, C. J., 2012, I: Angewandte Chemie International Edition. 51, 44, s. 11049-11052
4 s.

Novel Approach for Phosphopeptide Enrichment Based on Phosphate Ester Charge-Tagging and Strong-Cation Exchange Chromatography
Verano-Braga, T., Svane, S., McKenzie, C. J. & Kjeldsen, F., 2012.

Overcoming the Instability of Gaseous Peptide Phosphate Ester Groups by Dimetal Protection
Svane, S., Kryuchkov, F., Lennartson, A., McKenzie, C. J. & Kjeldsen, F., 2012, I: Angewandte Chemie International Edition. 51, 13, s. 3216-3219

Oxidation of a dinuclear manganese(II) complex to an oxide-bridged dimanganese(IV) complex

Lennartson, A. & McKenzie, C. J., 2012, I: Acta Crystallographica Section C: Structural Chemistry. 68, s. M347-U157

PhosProtect - a novel and superior compound to tag and protect phospho-groups during mass spectrometry based phospho-proteomics

Kjeldsen, F. (Opfinder), McKenzie, C. J. (Opfinder) & Svane, S. (Opfinder), 2012, Patentnr. 201100849, 9. nov. 2011

1,2-Bis (pyridin-2-ylmethyl)sulfanyl ethane and its dimorphic hydrochloride salt

Lennartson, A. & McKenzie, C. J., 2011, I: Acta Crystallographica Section C: Structural Chemistry. 67, s. O354-O358

C-H Bond Activation of Methanol and Ethanol by a High-Spin Fe^{IV}O Biomimetic Complex

Donald, W. A., McKenzie, C. J. & O'Hair, R. A. J., 2011, I: Angewandte Chemie International Edition. 50, 36, s. 8379-8383

High Turnover Catalysis of Water Oxidation by Mn(II) complexes of Monoanionic Pentadentate Ligands

Seidler-Egdal, R. K., Nielsen, A., Bond, A., Bjerrum, M. J. & McKenzie, C. J., 2011, I: Dalton Transactions. 40, Special issue, s. 3849-3558

On the mechanism of water oxidation by a bimetallic manganese catalyst: a density functional study

Sameera, W. M. C., McKenzie, C. J. & McGrady, J. E., 2011, I: Dalton Transactions. 40, Special issue, s. 3859-3870

Reversible and Selective O₂ Chemisorption in a Porous Metal-Organic host material

Southon, P. D., Price, D. J., Nielsen, P., McKenzie, C. J. & Kepert, C. J., 2011, I: Journal of the American Chemical Society. 133, 28, s. 10885-10891 6 s.

Reversible Chemisorptive O₂ Binding in a Porous Metal-Organic Host Material

Southon, P., Price, D., Nielsen, P., McKenzie, C. J. & Kepert, C., 2011, I: Journal of the American Chemical Society. 133, s. 10885-10891 7 s.

Selective binding by a divanadium complex of arsenate over phosphate: a computational study

Fabian, W., Raber, G., Francesconi, K., Seidler-Egdal, R. K. & McKenzie, C. J., 2011, I: Computational and Theoretical Chemistry. 968, s. 49-54 5 s.

Switching on Oxygen Activation by Cobalt Complexes of Pentadentate Ligands

Vad, M. S., Lennartson, A., Bond, A., McGrady, J. & McKenzie, C. J., 2011, I: Dalton Transactions. 40, s. 10698-10707 10 s.

Tunability of the M^{II}M^{III}/M^{II}₂ and M^{III}₂/M^{II}M^{III} (M = Mn, Co) couples in bis- μ -O, μ -O'-carboxylato- μ -OR bridged complexes

Seidler-Egdal, R. K., Johansson, F. B., Veltzé, S., Skou, E. M., Bond, A. D. & McKenzie, C. J., 2011, I: Dalton Transactions. 40, 13, s. 3336-3345

Graphene-like nets of hydrogen-bonded water molecules in the dihydrate of 2-[(2-ammonioethyl)amino]acetate and the structure of its anhydrous hydroiodide salt

Wiklund, T., McKenzie, C. J. & Lennartson, A., 2010, I: Acta Crystallographica Section C: Structural Chemistry. 66, 8, s. o410-413

Potential cross-linking transition metal complexes (M = Ni, Cu, Zn) in the ligand-modified LNA duplexes

Hirva, P., Nielsen, A., Bond, A. & McKenzie, C. J., 2010, I: The Journal of Physical Chemistry B. 114, s. 11942-11948

Reinvestigation of the formation of a mononuclear Fe(III) hydroperoxido complex using high pressure kinetics

Nebe, T., Beitat, A., Wuertele, C., Duecker-Benfer, C., van Eldik, R., McKenzie, C. J. & Schindler, S., 2010, I: Dalton Transactions. 39, 33, s. 7768-7773 6 s.

Solid-state ^{51}V MAS NMR spectroscopy determines component concentration and crystal phase in co-crystallised mixtures of vanadium complexes

Nielsen, U. G., Hazell, A. C., Skibsted, J. B., Jakobsen, H. J. & McKenzie, C. J., 2010, I: CrystEngComm. 12, 10, s. 2826-2834

2-Carbamylpyridinium tetrachloridoferrate(III)

Nielsen, A., McKenzie, C. J. & Bond, A., 2009, I: Acta Crystallographica Section E: Crystallographic Communications. E65, 11, s. m1359

Air oxidation of divanadium(IV) complexes

Seidler-Egdal, R. K., Bond, A. & McKenzie, C. J., 2009, I: Dalton Transactions. 19, s. 3833-3839 7 s.

Coordinative Flexibility of a Dinucleating Acyclic Bis(Sulfonamide) Ligand

Veltzé, S., Seidler-Egdal, R. K., Johansson, F. B., Bond, A. & McKenzie, C. J., 2009, I: Dalton Transactions. s. 10495-10504 9 s.

Di- μ -oxido-bis{bis[N,N-bis(2-pyridylmethyl)ethane-1,2- diamine]manganese(III,IV)} tris(perchlorate) hexahydrate:clarification of an order-disorder phase transition

Nielsen, A., McKenzie, C. J. & Bond, A., 2009, I: Acta Crystallographica Section C: Structural Chemistry. C65, s. m447-m450

[N,N-Bis(2-pyridylmethyl)glycinato- κ^4 N,N',N',O]dichloridoiron(III)-[N,N-bis(2-pyridylmethyl)glycine- κ^4 N,N',N'',O]dichloridozinc(II) (1/1)

Nielsen, A., McKenzie, C. J. & Bond, A., 2009, I: Acta Crystallographica Section E: Crystallographic Communications. E65, 12, s. m1706

Selective recognition and binding of arsenate over phosphate

Seidler-Egdal, R. K., Raber, G., Bond, A., Hussain, M., Espino, M. P. B., Francesconi, K. A. & McKenzie, C. J., 2009, I: Dalton Transactions. s. 9718-9721 4 s.

Trichlorido[(methyl{2-[methyl(2-pyridylmethyl)amino]ethyl}amino)acetonitrile]iron(III) methanol hemisolvate

Nielsen, A., McKenzie, C. J. & Bond, A., 2009, I: Acta Crystallographica Section E: Crystallographic Communications. 65, 11, s. m1437

Dicobalt II-II, II-III, and III-III complexes as spectroscopic models for dicobalt enzyme active sites

Johansson, F. B., Bond, A., Nielsen, U. G., Moubaraki, B., Murray, K. S., Berry, K. J., James A., L. & McKenzie, C., 1. jan. 2008, I: Inorganic Chemistry. 47, s. 5079-5092 14 s.

Syntheses, structures and properties of copper(II) complexes of bis(2-pyridylmethyl) derivatives of *o*-, *m*-, and *p*-phenylenediamine and aniline

Turba, S., Waler, O., Schindler, S., Nielsen, L. P., Hazell, A. C., McKenzie, C. J., Lloret, F., Cano, J. & Julve, M., 1. jan. 2008, I: Inorganic Chemistry. 47, 20, s. 9612-9623

Perylenediimide-metal ion dyads for photo-induced electron transfer

Qvortrup, K., Bond, A., Nielsen, A., McKenzie, C., Kilså, K. & Nielsen, M. B., 2008, I: Chemical Communications. 17, s. 1986-1988

Sensor for testing arsenic levels in drinking water

McKenzie, C. J. (Opfinder), Francesconi, K. A. (Opfinder), Seidler-Egdal, R. K. (Opfinder) & Raber, G. (Opfinder), 2008, Patentnr. 61/096,329

Energi på dråber

Nielsen, A. & McKenzie, C., 14. jan. 2007, I: Morgenavisen Jyllands-Posten. s. 10 1 s.

Aqua(2,2'-bipyridine)(2,2': 6',2''-terpyridine)-ruthenium(II) bis(perchlorate)

Qvortrup, K., McKenzie, C. & Bond, A., 2007, I: Acta Crystallographica Section E: Crystallographic Communications. E63, s. m1400-m1401

Functional tetrametallic linker modules for coordination polymers and metal-organic frameworks

Johansson, F. B., Bond, A. & McKenzie, C., 2007, I: Inorganic Chemistry. 46, 6, s. 2224-2236

Isomerism in copper(II) chloride complexes of bis(2-pyridylmethyl)amine and N-substituted derivatives: Synthesis and X-ray structural characterisation

Nielsen, A., Veltzé, S., Bond, A. D. & McKenzie, C. J., 2007, I: Polyhedron. 26, 8, s. 1649-1657

Tetrametallic Linker Modules for Coordination Polymers and Networks

Johansson, F. B., Bond, A. & McKenzie, C., 2007, I: Inorganic Chemistry. 46, s. 2224-2236 13 s.

Controlled formation and topologies of thiophenolate-based macrocycles: rings, cylinders and bowls

Christensen, A., Mayer, C., Jensen, F., Bond, A. & McKenzie, C. J., 2006, I: Dalton Transactions. 2006, 1, s. 108-120

Di- μ -chloro-bis{[N,N-bis(2-pyridylmethyl)-glycine- κ^4 N,N,N',O]copper(II)} diperchlorate acetonitrile tetrasolvate

Nielsen, A., McKenzie, C. J. & Bond, A., 2006, I: Acta Crystallographica Section E: Crystallographic Communications. 62, 10, s. m2453-m2454

Di- μ -chloro-bis{(methyl[N,N-bis(2-pyridylmethyl)amino]acetate- κ^4 N,N,N',O)copper(II)} bis(perchlorate) monohydrate

Nielsen, A., McKenzie, C. J. & Bond, A., 2006, I: Acta Crystallographica Section E: Crystallographic Communications. 62, 10, s. m2455-m2456

Identification of the dinuclear and tetranuclear air-oxidized products derived from labile phenolate-bridged dimanganese(II) pyridyl-chelate compounds

Larsen, F. B., Boisen, A., Berry, K. J., Moubaraki, B., Murray, K. S., Mckee, V., Scarrow, R. C. & McKenzie, C., 2006, I: European Journal of Inorganic Chemistry. 19, s. 3841-3852

Regiospecific ligand oxygenation in iron complexes of a carboxylate-containing ligand mediated by a proposed Fe-v-oxo species

Nielsen, A., Larsen, F. B., Bond, A. & McKenzie, C., 2006, I: Angewandte Chemie International Edition. 45, 10, s. 1602-1606

Self-assembled monolayer of a peroxo-bridged dinuclear cobalt(III) complex on Au(111)

Wackerbarth, H., Larsen, F. B., Hansen, A. G., McKenzie, C. & Ulstrup, J., 2006, I: Dalton Transactions. s. 3438-3444

Tetra- μ_2 -acetato-bis{[1-[5-(dimethylamino)naphthylsulfonyl]imidazole- κ^3 N]}rhodium)(Rh-Rh) acetonitrile disolvate

Löffler, P. M. G., Petersen, H. H., Skovsgaard, S., McKenzie, C. J. & Bond, A., 2006, I: Acta Crystallographica Section E: Crystallographic Communications. 62, 8, s. m1808-m1809

Vand som brændstof

Nielsen, A. & McKenzie, C., 2006, I: Aktuel Naturvidenskab. 5, s. 11-13

(1,8-Dinitro-3,6,10,13,16,19-hexaazabicyclo[6.6.6]icosane)cobalt(III) tribromide

Mortensen, L. K., Bond, A. & McKenzie, C., 2005, I: Acta Crystallographica Section E: Crystallographic Communications. 61, 11, s. m2402-m2404

2:2 Fe(III):ligand and "adamantane core" 4:2 Fe(III):ligand (hydr)oxo complexes of an acyclic ditopic ligand

Ghiladi, M., Larsen, F. B., McKenzie, C., Søtofte, I. & Tuchagues, J.-P., 2005, I: Journal of the Chemical Society, Dalton Transactions. 2005, 9, s. 1687-1692

Acetato(methanol)[N-phenyl-N,N-bis(2-pyridylmethyl)amine]copper(II) hexafluorophosphate

Nielsen, A., Bond, A. & McKenzie, C., 2005, I: Acta Crystallographica Section E: Crystallographic Communications. 61, s. 478-480

A vanadium-promoted C-N cleavage

Egdal, R. K., Bond, A., Larsen, F. B. & McKenzie, C., 2005, I: Inorganica Chimica Acta. 358, s. 376-382

Cascade complexation: a single cyano bridge between pairs of Cu(II) cations

Bond, A., Derossi, S., Harding, C. J., McInnes, E. J. L., McKee, V., McKenzie, C., Nelson, J. & Wolowska, J., 2005, I: J.C.S. Dalton Trans.. s. 2403-2409

Chloro[N,N'-dimethyl-N,N'-bis(2-pyridylmethyl)ethane-1,2-diamine]oxovanadium(IV) perchlorate

Egdal, R. K., Bond, A. & McKenzie, C., 2005, I: Acta Crystallographica Section E: Crystallographic Communications. 61, 3, s. m412-m413

Dipotassium hexakis({2,2'-[ethane-1,2-diylbis(nitrilomethylidene)]diphenolato}nickel(II)) tetracyanonickelate(II) methanol hexasolvate dihydrate

Skovsgaard, S., Bond, A. D. & McKenzie, C. J., 2005, I: Acta Crystallographica Section E: Crystallographic Communications. 61, 1, s. m135-137

Identification of the short-lived Au(N3)4²⁻ dianion from its Coulomb explosion products

Drenck, K., Hvelplund, P., McKenzie, C. & Nielsen, S. B., 2005, I: International Journal of Mass Spectrometry. 244, s. 144-147

(μ_2 -Bicarbonato- $\kappa^2 O, O'$)[μ_2 -1,4,8,11,14,18,23,27-octaaza-6,16,25(1,3)-tribenzenabicyclo[9.9.9]nonacosaphane]dicopper(II) triperchlorate acetonitrile solvate

Derossi, S., Bond, A. D., McKenzie, C. J. & Nelson, J., 2005, I: Acta Crystallographica Section E: Crystallographic Communications. 61, s. 1379-1382

N,N-Bis(2-pyridiniomethyl)glycine diperchlorate

Nielsen, A., Bond, A. & McKenzie, C., 2005, I: Acta Crystallographica Section E: Crystallographic Communications. 61, s. 516-517

One-dimensional zinc-based coordination polymers incorporating cyanate anions

Bond, A. & McKenzie, C., 2005, I: Acta Crystallographica Section C: Structural Chemistry. C61, s. m519-m522

Optimized DNA targeting using N,N-bis(2-pyridylmethyl)- β -alanyl 2'-amino-LNA

Babu, B. R., Hrdlicka, P. J., McKenzie, C. & Wengel, J., 2005, I: Chemical Communications. 41, 13, s. 1705-1707

Self assembly of the octanuclear cluster [Cu₈(OH)₁₀(NH₂(CH₂)₂CH₃)₁₂]⁶⁺ and the one dimensional N-propylcarbamato-linked coordination polymer {[Cu(O₂CNH(CH₂)₂CH₃)₃(ClO₄)]_n}

Bramsen, F., Bond, A., McKenzie, C., Moubaraki, B. & Murray, K. S., 2005, I: Chemistry - A European Journal. 249, s. 2035-2055

Self-assembly of the octanuclear cluster [Cu₈(OH)₁₀(NH₂(CH₂)₂CH₃)₁₂]⁶⁺ and the one-dimensional N-propylcarbamate-linked coordination polymer {[Cu(O₂CNH(CH₂)₂CH₃)(NH₂(CH₂)₂CH₃)₃(ClO₄)]_n}

Bramsen, F., Hazell, R., Bond, A., McKenzie, C., Moubaraki, B. & Murray, K., 2005, I: Chemistry - A European Journal. 2005, 11, s. 825-831

Squeezing the [Cu-OH-H₂O] 3+ Bridge by Cryptate Encapsulation

Bond, A., Derossi, S., Jensen, F., Larsen, F. B., McKenzie, C. & Nelson, J., 2005, I: Inorganic Chemistry. 44, s. 5987-5989

Water oxidation catalysed by a dinuclear Mn complex: A Functional Model for the Oxygen-Evolving Center of Photosystem II

Poulsen, A. K., Rompel, A. & McKenzie, C. J., 2005, I: *Angewandte Chemie International Edition*. 44, 42, s. 6916-6920

[2-(N,N-Dimethylamino)-5-methylphenyl]-diphenylmethanol.

Kranholm, L. B., Bond, A. & McKenzie, C., 2004, I: *Acta Crystallographica Section E: Crystallographic Communications*. E60, s. 846-847

{4,4'-Di-tert-butyl-6,6'-bis(dimethoxymethyl)-2,2'-[propane-1,3-diylbis(nitrilomethylidene)]bis(thiophenolato)- κ^2 S,N,N',S'}nickel(II).

Bjernemose, J. K., McKenzie, C., Raithby, P. R. & Teat, S. J., 2004, I: *Acta Crystallographica Section E: Crystallographic Communications*. 60, 12, s. m1841-m1843

5-tert-Butyl-2-(N,N-dimethylaminocarbonylthio) isophthalaldehyde.

McKenzie, C. & Bond, A., 2004, I: *Acta Crystallographica Section E: Crystallographic Communications*. E60, s. o1525-o1526

Aggregation control by homologous tripodal tetradentate amino acid ligands in oxo-bridged diiron(III) aquo complexes.

Mortensen, M. N., Jensen, B., Hazell, A., Bond, A. & McKenzie, C., 2004, I: *Journal of the Chemical Society, Dalton Transactions*. s. 3396-3402

Bis(2,2':6',2''-terpyridyl- κ^3 M)manganese(II) dinitrate dihydrate

Rompel, A., Bond, A. D. & McKenzie, C. J., 2004, I: *Acta Crystallographica Section E: Crystallographic Communications*. E60, 12, s. m1759-m1760

Mixed carboxylate-bridged dimanganese(II/III) compounds prepared by an O₂-dependent oxidative cleavage of ketones.

Jensen, K. B., Johansen, E., Larsen, F. B. & McKenzie, C., 2004, I: *Inorganic Chemistry*. 43, s. 3801-3803

N-Methyl-N-(2-pyridinylmethyl)-2-[N-(3-pyridinylmethyl)methylamino]-N-(2-pyridylmethyl)ethanaminium tris(perchlorate).

Rompel, A., Bond, A. & McKenzie, C., 2004, I: *Acta Crystallographica Section E: Crystallographic Communications*. 60, 11, s. o1987-o1988

μ -Oxo-bis(μ -2-furancarboxylato)bis([N-methyl-N,N-bis(2-pyridylmethyl)amine]iron(III)) bis(perchlorate) methanol solvate.

Nielsen, A., Bond, A. & McKenzie, C., 2004, I: *Acta Crystallographica Section E: Crystallographic Communications*. 60, 12, s. m1959-m1960

Synchrotron study of a fully protonated tetraphenyl porphyrin

Larsen, F. B., Hansen, F. G. & McKenzie, C., 2004, I: *Acta Crystallographica Section E: Crystallographic Communications*. E60, s. o497-o499

2,6-Bis(bis(pyridin-2-ylmethyl)aminomethyl)-4-tert-butylphenol

Bjernemose, J. K. & McKenzie, C., 2003, I: *Acta Crystallographica Section E: Crystallographic Communications*. 59, 9, s. o1275-o1276

2-Phenyl-1,3-bis(2-pyridylmethyl)imidazolidine

Bjernemose, J. K., McKenzie, C. & Mortensen, M. N., 2003, I: *Acta Crystallographica Section E: Crystallographic Communications*. E59, s. 1017-1018 2 s.

A dihydroxo-bridged Fe(II)-Fe(III) complex: A new member of the diiron diamond core family

Seidler-Egdal, R. K., Hazell, A., Larsen, F. B., McKenzie, C. J. & Scarrow, R. C., 2003, I: *Journal of the American Chemical Society*. 125, 1, s. 32-33

A model for Mn lipoxigenase

Kjeregård-Knudsen, S., Mortensen, M. N. & McKenzie, C. J., 2003, I: *Journal of Inorganic Biochemistry*. 96, 1, s. 168-168

Biologically relevant mono- and di-nuclear manganese II/III/IV complexes of mononegative pentadentate ligands

Baffert, C., Collomb, M.-N., Deronzier, A., Knudsen, S. K., Latour, J.-M., McKenzie, C., Lund, K., Mortensen, M., Nielsen, L. P. & Thorup, N., 2003, I: Dalton Transactions. s. 1765-1772 8 s.

Carboxylate shifts in labile Fe and Mn complexes

McKenzie, C. J., Jensen, B. & Mortensen, M., 2003, I: Journal of Inorganic Biochemistry. 96, 1, s. 75-75

Dioxygen and water activation by dimanganese complexes

Larsen, F. B., Jensen, K. B. & McKenzie, C. J., 2003, I: Journal of Inorganic Biochemistry. 96, 1, s. 175-175

H₃O₂, O₂²⁻ and O₂⁻ bridging ligands in cobalt(III) complexes of an acyclic phenolate-hinged dinucleating ligand

Ghiladi, M., Gomez, J. T., Hazell, A., Kofod, P., Lumtscher, J. & McKenzie, C. J., 2003, I: Dalton Transactions. 7, s. 1320-25

Hydronium penta-aquacopper(II) triperchlorate

Bramsen, F., Bond, A. D. & McKenzie, C. J., 2003, I: Acta Crystallographica Section E: Crystallographic Communications. E59, s. i105-i106

Stepwise construction of mono-, di- and tri-nuclear 2:1, 1:2, 2:3 ligand: mixed-metal complexes using a bis-tridentate bridging ligand

Hazell, A. C., Hazell, R., McKenzie, C. J. & Nielsen, L. P., 2003, I: Dalton Transactions. 2003, 11, s. 2203-08

Structural characterisation of a water intercalated bis-amide tecton and copper promoted monohydration of a dinitrile

Bjernerose, J. K., McKenzie, C., Raithby, P. & Teat, S., 2003, I: Dalton Transactions. s. 2639-40 2 s.

Synthesis and Characterization of Ruthenium(II) Complexes with Polypicolylamine Ligands

Bjernerose, J. K., Hazell, A. C., McKenzie, C. J., Mahon, M. F., Nielsen, L. P., Raithby, P., Simonsen, O., Nielsen, H. T. & Wolny, J. A., 2003, I: Polyhedron. 22, 6, s. 875-85

A Density Functional Study of Oxygen Activation by Unsaturated Complexes [M(bipy)₂]²⁺, M = Cr and Fe

Howe, P. R., McGrady, J. E. & McKenzie, C. J., 2002, I: Inorganic Chemistry. 41, 8, s. 2026-2031

Arsenic metabolites in human urine after ingestion of an arsenosugar

Francesconi, K. A., Tanggaard, R., McKenzie, C. J. & Goessler, W., 2002, I: Clinical Chemistry. 48, 1, s. 92-101

Cascade chemistry in azacryptand cages: bridging carbonates and methylcarbonates

Dussart, Y., Harding, C., Dalgaard, P., McKenzie, C. J., Kadirvelraj, R., McKee, V. & Nelson, J., 2002, I: Journal of the Chemical Society, Dalton Transactions. 2002, 8, s. 1704-1713

Hydrogenperoxo [(bztpe)Fe(OOH)]²⁺ and Its Deprotonation Product Peroxo-[(bztpe)Fe(O₂)]⁺ Studied by EPR and Mössbauer Spectroscopy: Implications for the Electronic Structures of Peroxo Model Complexes

Horner, O., Jeandey, C., Oddou, J.-L., Bonville, P., McKenzie, C. J. & Latour, J.-M., 2002, I: European Journal of Inorganic Chemistry. 2002, 12, s. 3278-3283

Mononuclear non-heme iron(III) peroxide complexes: Syntheses, characterisation, mass spectrometric and kinetic studies

Hazell, A. C., McKenzie, C. J., Nielsen, L. P., Schindler, S. & Weitzer, M., 2002, I: Journal of the Chemical Society, Dalton Transactions. 2002, 3, s. 310-317

The structure and reactivity of lipoxygenase reactive site models

Dickinson, B. W., McKenzie, C. J. & Scarrow, R. C., 2002, I: Journal of the American Chemical Society. 223, s. U200-U201

μ -Oxo-bis{chloro[N,N'-dimethyl-N,N'-bis(2-pyridylmethyl)ethane-1,2-diamine]iron(III)} diperchlorate 0.751-hydrate
Seidler-Egdal, R. K., Hazell, A. & McKenzie, C. J., 2002, I: Acta Crystallographica Section E: Crystallographic Communications. 58, 1, s. M10-M12 3 s.

5-(2-Pyridyl)-1,3-dithiane-2-thione

Hazell, A., McKenzie, C. J. & Nielsen, J., 2001, I: Acta Crystallographica Section C: Structural Chemistry. C57, 7, s. 859-60

Characterisation of labile dimanganese complexes and evidence for dioxygen activation

McKenzie, C. J., Boisen, A. & Johansen, E., 2001, I: Journal of Inorganic Biochemistry. 86, 1, s. 333-333

Dichloro[N,N,N',N'-tetrakis(2-pyridylmethyl)benzene-1,4-diamine]iron(II)

Batten, S., McKenzie, C. J. & Nielsen, L. P., 2001, I: Acta Crystallographica Section C: Structural Chemistry. C57, 2, s. 156-57

Dissecting photosynthesis: modelling hydrogen atom abstraction from a manganese-bound bridging hydroxide ligand

McKenzie, C. J., Jensen, K. B. & Pedersen, J. Z., 2001, I: Journal of Inorganic Biochemistry. 86, 1, s. 334-334

Indication of a Hydrogen-Atom Abstraction Reaction Relevant to a Mechanistic Proposal for the Oxygen-Evolving Complex of Photosystem II

Jensen, K. B., McKenzie, C. & Pedersen, J. Z., 2001, I: Inorganic Chemistry. 40, s. 5066-5067

Labile dinuclear and tetranuclear manganese complexes of a phenolate-hinged dinucleating ligand

Larsen, F. B., Boisen, A., Hazell, A. C., McKee, V., McKenzie, C. J. & Murray, K., 2001, I: Journal of Inorganic Biochemistry. 86, 1, s. 307-307

Solid and solution state structures of mono- and di-nuclear iron(III) complexes of related hexadentate and pentadentate aminopyridyl ligands

Duelund, L., Hazell, R., McKenzie, C. J., Nielsen, L. P. & Nielsen, H. T., 2001, I: Journal of the Chemical Society, Dalton Transactions. 2001, 2, s. 152-56

Structural characterisation of the H-bonded $[\text{Mn}^{\text{II}}(\text{OH}_2)_2 \cdots (\text{OCH}_3)_2 \text{Mn}^{\text{III}}]$ motif: A model for resting state hydroxylic solvent coordination in M(II)-M(III) enzymes

Boisen, A., Hazell, A. C. & McKenzie, C. J., 2001, I: Chemical Communications. 2001, 20, s. 2136-37

2,6-Bis[bis(2-pyridylmethyl)aminomethyl]-4-tert-butylphenol dichloride diperchlorate hydrate

Gomes, J. T., Hazell, A. & McKenzie, C. J., 2000, I: Acta Crystallographica Section C: Structural Chemistry. 56, 3, s. 382-83

Dicopper(II) complexes of a phenolate-hinged ditopic ligand with solvent-derived ancillary ligands bound at the potentially dimetallic exogenous site

Dalgaard, P., Hazell, A., McKenzie, C. J., Moubaraki, B. & Murray, K., 2000, I: Polyhedron. 19, 15-16, s. 1909-15

Divalent transition metal complexes of alkyipyridyl derivatized dmit ligands

Becher, J., Hazell, A., McKenzie, C. J. & Vestergaard, C., 2000, I: Polyhedron. 19, 6, s. 665-72

Synthesis, structural characterisation and electronic behaviour of iron(II) and nickel(II) complexes of N,N'-bis(2-pyridylmethyl)aniline

Hazell, A. C., McKenzie, C. J. & Nielsen, L. P., 2000, I: Polyhedron. 19, 11, s. 1333-8

Deprotonation of low-spin mononuclear iron(III)-hydroperoxide complexes give transient blue species assigned to highspin iron(II)-peroxide complexes

Jensen, K. B., McKenzie, C. J., Nielsen, L. P., Pedersen, J. Z. & Molina Svendsen, H., 1999, I: Chemical Communications. 74, 14, s. 1313-14

Gas-phase Fragmentation of Coordination Compounds: Loss of CO² from Inorganic Carbonato Complexes to Give Metal Oxide Ions

Dalgaard, P. & McKenzie, C. J., 1999, I: Journal of Mass Spectrometry. 34, 10, s. 1033-39

Synthesis and characterization of dinuclear complexes containing the Fe^{III}-F...-(H₂O)M^{II} motif

Ghiladi, M., Jensen, K. B., Jiang, J., McKenzie, C. J., Mørup, S., Søjtofte, I. & Ulstrup, J., 1999, I: Journal of the Chemical Society, Dalton Transactions. 1999, 16, s. 2675-81

Dichloroferrocene-1,1'-diylbis(diphenylphosphine-P)]mercury(II) methanol solvate

McGinley, J., McKee, V. & McKenzie, C. J., 1998, I: Acta Crystallographica Section C: Structural Chemistry. 54, s. 345-347

Dinuclear silver(I) and copper(II) complexes of hexadentate macrocyclic ligands containing *p*-xylyl spacers

McKenzie, C. J., Nielsen, L. P. & Søjtofte, I., 1998, I: Acta Chemica Scandinavica. 52, s. 571-577

Gas-phase reactivity of coordinatively unsaturated transition metal complex ions toward molecular oxygen

Molina-Svendsen, H., Bojesen, G. & McKenzie, C. J., 1998, I: Inorganic Chemistry. 37, 8, s. 1981-1983

Mono-, di- and poly-nuclear transition-metal complexes of a bis(tridentate) ligand: towards *p*-phenylenediamine-bridged co-ordination polymers

Hazell, A. C., McKenzie, C. J. & Nielsen, L. P., 1998, I: Dalton Transactions. 11, s. 1751-1756

Mono-dmit phosphine complexes: A layered architecture for the crystal structure of the neutral coordination polymer [Hg(C₃S₅)(dppe)]_n

Jensen, T. R., McGinley, J., McKee, V. & McKenzie, C. J., 1998, I: Acta Chemica Scandinavica. 52, s. 622-626

Copper complexes of a *p*-phenylenediamine-based bis(tridentate) ligand

Buchen, T., Hazell, A. C., Jessen, L., McKenzie, C. J., Nielsen, L. P., Pedersen, J. Z. & Schollmeyer, D., 1997, I: Dalton Transactions. 1997, 15, s. 2697-2703 7 s.

Crystal structure and magnetic properties of a copper(II)-vanadium(IV) complex of an 'open-ended' dinucleating ligand

Hazell, A. C., McKenzie, C. J., Moubaraki, B. & Murray, K. S., 1997, I: Acta Chemica Scandinavica. 51, s. 470-475

Dichlorobis(1,10-phenanthroline-*N,N'*)cobalt(II)-acetonitrile (1/1.5)

Hazell, A. C., McGinley, J. & McKenzie, C. J., 1997, I: Acta Crystallographica Section C: Structural Chemistry. 53, 6, s. 723-725

Dinuclear and tetranuclear iron(III) complexes containing the μ -oxo-di- μ -acetato motif

Jensen, K. B., McKenzie, C. J., Simonsen, O., Nielsen, H. T. & Hazell, A. C., 1997, I: Inorganica Chimica Acta. 257, 2, s. 163-172

Dinuclear iron(III)-metal(II) complexes as structural core models for purple acid phosphatases

Ghiladi, M., McKenzie, C. J., Meier, A., Powell, A. K., Ulstrup, J. & Wocadlo, S., 1997, I: Dalton Transactions. 1997, 21, s. 4011-4018

Tsalen- and tsalpn-based nickel complexes with two aldehyde functionalities as potential synthons for thiophenolate-containing di- and polynucleating acyclic and macrocyclic ligands

Christensen, A., Jensen, H. S., McKee, V., McKenzie, C. J. & Munch, M., 1997, I: Inorganic Chemistry. 36, 26, s. 6080-6085

Dinuclear palladium complexes incorporating amidato, carbamato and urea bridging groups

Hoskins, B. F., McKenzie, C. J., MacDonald, I. A. S. & Robson, R., 1996, I: Dalton Transactions. 11, s. 2227-2232

Analysis of Multiply Charged Oxo-Bridged Complexes by Electrospray Ionization Mass Spectrometry

Andersen, U. N., McKenzie, C. J. & Bojesen, G., 1995, I: *Inorganic Chemistry*. 34, 6, s. 1435-1439

Iron(II) Complexes of Polydentate Aminopyridyl Ligands and an Exchangeable Sixth Ligand; Reactions with Peroxides: Crystal Structure of $[\text{FeL}^+(\text{H}_2\text{O})][\text{PF}_6]_2 \cdot \text{H}_2\text{O}$ [$\text{L}^+ = N,N'$ -bis-(6-methyl-2-pyridylmethyl)- N,N' -bis(2-pyridylmethyl)ethane-1,2-diamine]

Bernal, I., Jensen, I. M., Jensen, K. B., McKenzie, C. J., Nielsen, H. T. & Tuchagues, J. P., 1995, I: *Journal of the Chemical Society, Dalton Transactions*. 22, s. 3667-3675

Properties and Reactivity of Unusual Diiron Complexes of a Linear Tetradentate Ligand: Crystal Structures of Diiron-(II) and -(III) Complexes

Hazell, R., Jensen, K. B., McKenzie, C. J. & Nielsen, H. T., 1995, I: *Dalton Transactions*. 5, s. 707-717

Synthesis and Characterization of Bis(μ -oxo)dimanganese(III,III), -(III,IV), and -(IV,IV) Complexes with Ligands Related to N,N' -Bis(2-pyridylmethyl)-1,2-ethanediamine (Bispicen)

Glerup, J., Goodson, P. A., Hazell, A. C., Hazell, R., Hodgson, D. J., McKenzie, C. J., Michelsen, K., Rychlewska, U. & Nielsen, H. T., 1994, I: *Inorganic Chemistry*. 33, 18, s. 4105-4111

Synthesis and Characterization of Complexes Containing the (μ -Oxo) (μ -acetato)dimanganese(III/III) Core

Arulsamy, N., Glerup, J., Hazell, A., Hodgson, D. J., McKenzie, C. J. & Nielsen, H. T., 1994, I: *Inorganic Chemistry*. 33, 14, s. 3023-3025

Synthesis and Reactivity of (μ -Oxo)diiron(III) Complexes of Tris(2-pyridylmethyl)amine. X-ray Crystal Structures of $[\text{tpa}(\text{OH})\text{FeOFe}(\text{H}_2\text{O})\text{tpa}](\text{ClO}_4)_3$ and $[\text{tpa}(\text{Cl})\text{FeOFe}(\text{Cl})\text{tpa}](\text{ClO}_4)_2$

Hazell, A. C., Jensen, K. B., McKenzie, C. J. & Nielsen, H. T., 1994, I: *Inorganic Chemistry*. 33, 14, s. 3127-3134

Binuclear complexes of a new hexadentate macrocyclic ligand: The crystal and molecular structure of $[\text{LCu}_2(\text{CH}_3\text{CO}_2)_2](\text{ClO}_4)_2 \cdot 5\text{H}_2\text{O}$

McKenzie, C. J., Nielsen, H. T., Pietraszkiewics, M., Stojek, Z. & Slowinski, K., 1993, I: *Inorganica Chimica Acta*. 210, 2, s. 143-149

Mono- and Di-bridged μ -Oxo Diiron Complexes of 3-[Bis(2-pyridylmethyl)amino]propionate (bpp): Crystal Structures of $[\{\text{Fe}(\text{bpp})(\text{H}_2\text{O})\}_2\text{O}][\text{ClO}_4]_2 \cdot \text{H}_2\text{O}$ and $[\{\text{Fe}(\text{bpp})\}_2(\text{MeCO}_2)\text{O}][\text{ClO}_4] \cdot 4.5\text{H}_2\text{O}$

Hazell, A. C., Jensen, K. B., McKenzie, C. J. & Nielsen, H. T., 1993, I: *Dalton Transactions*. 1993, 21, s. 3249-3257

Complexes of Ligands derived from 1,8-Dihydroxynaphthalene: Synthesis and Crystal Structures of a Palladium and a Copper Complex

Hoskins, B. F., McKenzie, C. J. & Robson, R., 1992, I: *Dalton Transactions*. 21, s. 3083-3088

Positively Charged Pd_2 Complexes of a New Thiophenoxide-hinged Binucleating Ligand: The Crystal and Molecular Structure of μ -{4-Methyl-2,6-bis[2-(2-pyridyl- κ N)ethylimino- κ N-methyl] thiophenolato-1 κ S:2 κ S}-bis[dichloropalladium(II)] Chloride-Water-Methanol (1/1/0.5)

Hoskins, B. F., McKenzie, C. J., Robson, R. & Lu, Z.-R., 1990, I: *Dalton Transactions*. 9, s. 2637-2641

High Turnover Catalysis at Bimetallic Sites of the Hydration of Nitriles to Carboxamides Co-catalysed by Acid: Highly Specific Hydration of Acrylonitrile to Acrylamide

McKenzie, C. J. & Robson, R., 1988, I: *Journal of the Chemical Society-Chemical Communications*. 2, s. 112-114

Complexes of Binucleating Ligands: 20. Complexes of a New, Easily Accessible Binucleating Ligand Containing an Aliphatic Thiolate Bridging Center

McKenzie, C. J. & Robson, R., 1987, I: *Inorganic Chemistry*. 26, 21, s. 3615-3621

Complexes of Binucleating Ligands: XIX. Facile Hydration of Nitriles at a Di-palladium(II) Site under Mild Conditions

Louey, M., McKenzie, C. J. & Robson, R., 1986, I: *Inorganica Chimica Acta*. 111, 2, s. 107-111

Aktiviteter

Presseklip

CQFD

McKenzie, C. J.
16/12/2014
1 Mediebidrag

Danske Bank Investering

McKenzie, C. J.
10/10/2008
1 Mediebidrag

DR2 Viden Om

McKenzie, C. J.
13/10/2009
1 Mediebidrag

Forskere kan fjerne pesticider fra drikkevand

McKenzie, C.
13/10/2021
1 Mediebidrag

Forskere kan fjerne pesticider fra drikkevand

McKenzie, C.
14/10/2021
1 Mediebidrag

Forskere kan fjerne pesticider fra drikkevand

McKenzie, C.
08/02/2022
1 Mediebidrag

Fyens Stiftstidende

McKenzie, C. J.
09/05/2008
1 Mediebidrag

Grundvandet er forurenet - men forskere fra SDU har måske løsningen

McKenzie, C.
09/10/2021
1 Mediebidrag

Harnessing the oxidising power of air

Deville, C. & McKenzie, C. J.
25/01/2016
1 element af Mediedækning

MCKENZIES MOLEKYLÆRE MODESHOW

McKenzie, C. J.
29/06/2013
1 element af Mediedækning

Nye medlemmer af Videnskabernes Selskab

McKenzie, C.
21/10/2020
1 Mediebidrag

Ny metode til at rense drikkevand

McKenzie, C.
25/10/2021
1 Mediebidrag

Ny metode til rensning af drikkevandet

McKenzie, C.
18/10/2021
1 Mediebidrag

Ny metode til rensning af drikkevandet

McKenzie, C.
23/11/2021
1 Mediebidrag

Nyttig reaktion

McKenzie, C. J.
09/03/2016
1 element af Mediedækning

Odense slog flere storbyer i kemi

McKenzie, C. J.
01/11/2016
1 element af Mediedækning

PRM / SDU-forskere kan fjerne pesticider fra drikkevand

McKenzie, C.
07/10/2021
1 Mediebidrag

PRM / SDU-forskere kan fjerne pesticider fra drikkevand

McKenzie, C.
07/10/2021
1 Mediebidrag

Science Round-up: Life expectancy declined globally during COVID-19 - but increased in Denmark

McKenzie, C.
18/10/2021
1 Mediebidrag

SDU-forskere kan fjerne pesticider fra drikkevand

McKenzie, C.
07/10/2021
1 Mediebidrag

SDU-forskere kan fjerne pesticider fra drikkevand

McKenzie, C.
07/10/2021
1 Mediebidrag

SDU-forskere kan rense grundvandet - om ti år

McKenzie, C.

11/10/2021

1 Mediebidrag

TV2 Fyn

McKenzie, C. J.

10/03/2008

1 Mediebidrag

Ven og fjende

McKenzie, C. J.

29/06/2013

1 element af Mediedækning

Videnskaberne Selskab har valgt 15 nye medlemmer

McKenzie, C.

09/10/2020

1 Mediebidrag

Videnskaberne Selskab udpeger nye medlemmer

McKenzie, C.

08/10/2020

1 Mediebidrag