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## 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

## Publications 2001-present

### 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, In: Environmental Science: Water Research & Technology. 10, 2, p. 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, In: Inorganic Chemistry. 62, 44, p. 18219-18227

### NO Reactions Inside Crystals

Sondrup Møller, M., Petrunin, V., Mossin, S., McKee, V. & McKenzie, C. J., 25. Sept 2023, In: European Journal of Inorganic Chemistry. 26, 27, 7 p., 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. Sept 2023, In: Angewandte Chemie - International Edition. 62, 38, 8 p., e202305759.

### Sulfonamido-Pincer Complexes of Cu(II) and the Electrocatalysis of O<sub>2</sub> Reduction

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

### Structure Activity Relationships for Reversible O<sub>2</sub> Chemisorption by the Solid Phases of Co(salen) and Co(3F-salen)

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

### Heterometallic {Fe<sub>18</sub>M<sub>6</sub>} (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. Sept 2022, In: Crystal Growth & Design. 22, 9, p. 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, In: Rapid Communications in Mass Spectrometry. 36, 16, p. e9339 10 p., 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. May 2022, In: Sustainable Energy and Fuels. 6, 9, p. 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. May 2022, In: The Journal of Organic Chemistry. 87, 9, p. 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, In: Chemistry - A European Journal. 28, 9, 7 p., e202104044.

### Facile transmetallation of [Sb<sup>III</sup>(DOTA)]<sup>-</sup> renders it unsuitable for medical applications

Chen, C., Sommer, C., Thisgaard, H., McKee, V. & McKenzie, C. J., 2022, In: RSC Advances. 12, 10, p. 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. Sept 2021, In: Chem. 7, 9, p. 2491-2512

**Solid Phase Nitrosylation of Enantiomeric Cobalt(II) Complexes**

Møller, M. S., Liljedahl, M. C., McKee, V. & McKenzie, C. J., Jun 2021, In: Chemistry. 3, 2, p. 585-597

**Preparation of organocobalt(III) complexes via O<sub>2</sub> activation**

Møller, M. S., Kongsted, J. & McKenzie, C. J., 14. Apr 2021, In: Dalton Transactions. 50, 14, p. 4819-4829

**Do sulfonamides interact with aromatic rings?**

Jian, J., Hammink, R., McKenzie, C., Bickelhaupt, F. M., Poater, J. & Mecinović, J., 26. Mar 2021, In: Chemistry - A European Journal. 27, 18, p. 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, In: Journal of the American Chemical Society. 143, 37, p. 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, In: Inorganic Chemistry. 60, 3, p. 1975-1984

**Kinetic Analysis of H<sub>2</sub>O<sub>2</sub> 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, In: ACS Catalysis. 11, 2, p. 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, In: European Journal of Inorganic Chemistry. 2020, 44, p. 4163-4169

**Photosynthesis of a Dihydroimidazopyridine Chelate Shines Light on the Reactions of a Photoactivated Iron(III) Complex with O<sub>2</sub>**

Wegeberg, C., De Aguirre, A., Maseras, F. & McKenzie, C. J., 16. Nov 2020, In: Inorganic Chemistry. 59, 22, p. 16281-16290

**Front Cover: Through-Space Polar- $\pi$  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, In: ChemPhysChem. 21, 11, p. 1079-1079

**Through-Space Polar- $\pi$  Interactions in 2,6-Diarylthiophenols**

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

**Through-Space Polar- $\pi$  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, In: ChemPhysChem. 21, 11, p. 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, In: Journal of the American Chemical Society. 142, 20, p. 9471-9481

**Probing Halogen- $\pi$  versus CH- $\pi$  Interactions in Molecular Balance**

Jian, J., Poater, J., White, P. B., McKenzie, C. J., Bickelhaupt, F. M. & Mecinović, J., 2020, In: Organic Letters. 22, 20, p. 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, In: Journal of Medicinal Chemistry. 63, 7, p. 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. Sept 2019, In: Langmuir : the ACS journal of surfaces and colloids. 35, 38, p. 12339-12349 11 p.

**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, In: Inorganic Chemistry. 58, 14, p. 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, In: Chemical Communications. 55, 71, p. 10551-10554 4 p.

**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, In: Australian Journal of Chemistry. 72, 10, p. 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, In: Journal of Medicinal Chemistry. 61, 21, p. 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. Sept 2018, In: Journal of Inorganic Biochemistry. 186, p. 317-328

**Cover Feature: Directing a Non-Heme Iron(III)-Hydroperoxide Species on a Trifurcated Reactivity Pathway (Chem. Eur. J. 20/2018)**

Wegeberg, C., Lauritsen, F. R., Frandsen, C., Mørup, S., Browne, W. R. & McKenzie, C. J., 1. Mar 2018, In: Chemistry - A European Journal.

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

Wegeberg, C., Browne, W. R. & McKenzie, C. J., 2018, In: ACS Catalysis. 8, 11, p. 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, In: Chemistry - A European Journal. 24, 20, p. 5134-5145

**Photoinduced O<sub>2</sub>-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, In: Journal of the American Chemical Society. 140, 43, p. 14150-14160

**Tuning Peroxide Activation by Non-Heme Iron Complexes**

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

**Assignment of solid-state <sup>13</sup>C and <sup>1</sup>H 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, In: Solid State Nuclear Magnetic Resonance. 87, p. 29-37

**Copper-promoted methylene C-H oxidation to a ketone derivative by O<sub>2</sub>**  
Deville, C., McKee, V. & McKenzie, C. J., 2017, In: Dalton Transactions. 46, 3, p. 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, In: Inorganic Chemistry. 56, 24, p. 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, In: Geobiology. 15, 2, p. 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 p.

**Noncovalent Halogen Bonding as a Mechanism for Gas-Phase Clustering**

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

**Reduction of hypervalent iodine by coordination to iron(III) and the crystal structures of PhIO and PhIO<sub>2</sub>**

Wegeberg, C., Frankær, C. G. & McKenzie, C., Oct 2016, In: Dalton Transactions. 45, 44, p. 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, In: Chemistry - A European Journal. 22, 11, p. 3810-3820

**Cover Picture: O<sub>2</sub> 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, In: Angewandte Chemie International Edition. 55, 2, p. 453

**O<sub>2</sub> 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, In: Angewandte Chemie International Edition. 55, 2, p. 545-549

**A coordinatively flexible hexadentate ligand gives structurally isomeric complexes M<sub>2</sub>(L)X<sub>3</sub> (M = Cu, Zn; X = Br, Cl)**

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

**Emissive Ruthenium-Bisdiimine Complexes with Chelated Thioether Donors**

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

**Iron Coordination and Halogen-Bonding Assisted Iodosylbenzene Activation**

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

**Spin Crossover in Fe(II) Complexes with N<sub>4</sub>S<sub>2</sub> 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, In: Inorganic Chemistry. 55, 12, p. 5904-5913

**O<sub>2</sub> 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 p.

### **Absolute Asymmetric Synthesis: Protected Substrate Oxidation**

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

### **Accessing iron amides from dimesityliron**

Sundberg, J., Vad, M. S., McGrady, J. E., Björemark, P.-M., Håkansson, M. & McKenzie, C. J., 2015, In: *Journal of Organometallic Chemistry*. 786, p. 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, In: *Chemical Communications*. 51, 14, p. 2802-2805

### **Dimetallic functionalities in liposome bilayers**

Svane, S., Kuntsche, J., Steiniger, F., Eich, A., Duelund, L., McKee, V. & McKenzie, C., 2015, In: *Supramolecular Chemistry*. 27, 10, p. 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, In: *Analytical Chemistry*. 87, 14, p. 7060-7068

### **High Turnover Catalase Activity of a Mixed-Valence Mn<sup>II</sup>Mn<sup>III</sup> complex with terminal carboxylate donors**

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

### **Molecular Iron-based Oxidants and their Stoichiometric Reactions**

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

### **Reversible guest binding in a non-porous Fe<sup>II</sup> coordination polymer host toggles spin crossover**

Lennartson, A., Southon, P., Sciortino, N., Kepert, C., Frandsen, C., Mørup, S., Piligkos, S. & McKenzie, C., 2015, In: *Chemistry - A European Journal*. 21, 45, p. 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, In: *Dalton Transactions*. 44, 26, p. 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, In: *European Journal of Inorganic Chemistry*. 2015, 21, p. 3543-3549 7 p.

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

McKenzie, C. J. (Inventor), 27. Nov 2014, IPC No. P100727US00, 17. May 2014, Priority date 20. May 2014, Priority No. 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. May 2014.

### **Gas Phase Chemistry of [LFeO]<sup>+</sup> Complexes**

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

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

Deville, C., Sundberg, J. & McKenzie, C. J., Mar 2014. 1 p.

**A Versatile Dinucleating Ligand Containing Sulfonamide Groups: Inorganic Chemistry**

Sundberg, J., Witt, H., Cameron, L., Håkansson, M., Bendix, J. & McKenzie, C. J., 2014, In: Inorganic Chemistry. 53, 6, p. 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, In: Chemical Science. 9 p.

**Solid state  $^{13}\text{C}$  and  $^2\text{H}$  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, In: Inorganic Chemistry. 53, 1, p. 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. (Inventor), Kjeldsen, F. (Inventor) & Svane, S. (Inventor), 10. May 2013, IPC No. G01N 33/ 68 A I, Patent No. WO2013064554, Priority date 30. Apr 2012, Priority No. 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  $\text{O}_2$  binding in dinuclear Co(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, In: Dalton Transactions. 42, 27, p. 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, In: Acta Crystallographica Section E: Crystallographic Communications. 68, p. M77-78

**An aqueous non-heme Fe(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, In: Chemical Communications. 48, p. 10880-10882

**An Iron(III) Iodosylbenzene Complex: A Masked Non-Heme  $\text{Fe}^{\text{V}}\text{O}$**

Lennartson, A. & McKenzie, C. J., 2012, In: Angewandte Chemie International Edition. 51, 27, p. 6767-6770

**Bridging nitrile groups in a Metal Organic Framework**

Lennartson, A. & McKenzie, C. J., 2012, In: Journal of Coordination Chemistry. 65, 23, p. 4194-4202

**Dimetal Complexes of a Bibrachial 2+2 Thiolate-based Macrocyclic**

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Hazell, A. C., Jensen, K. B., McKenzie, C. J. & Nielsen, H. T., 1994, In: Inorganic Chemistry. 33, 14, p. 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, In: Inorganica Chimica Acta. 210, 2, p. 143-149

**Mono- and Di-bridged  $\mu$ -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  $[\{\text{Fe}(\text{bpp})\}_2(\text{MeCO}_2)_2\text{O}][\text{ClO}_4]_4 \cdot 4.5\text{H}_2\text{O}$**

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Hoskins, B. F., McKenzie, C. J. & Robson, R., 1992, In: Dalton Transactions. 21, p. 3083-3088

**Positively Charged  $\text{Pd}_2$  Complexes of a New Thiophenoxide-hinged Binucleating Ligand: The Crystal and Molecular Structure of  $\mu\text{-}\{4\text{-Methyl-2,6-bis[2-(2-pyridyl-}\kappa\text{N)ethylimino-}\kappa\text{N-methyl]thiophenolato-1}\kappa\text{S:2}\kappa\text{S}\}\text{-bis[dichloropalladium(II)] Chloride-Water-Methanol (1/1/0.5)}$**

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## Activities

### Press clippings

#### CQFD

McKenzie, C. J.

16/12/2014

1 Media contribution

#### Danske Bank Investering

McKenzie, C. J.

10/10/2008

1 Media contribution

#### DR2 Viden Om

McKenzie, C. J.

13/10/2009

1 Media contribution

#### Forskere kan fjerne pesticider fra drikkevand

McKenzie, C.

13/10/2021

1 Media contribution

#### Forskere kan fjerne pesticider fra drikkevand

McKenzie, C.

14/10/2021

1 Media contribution

#### Forskere kan fjerne pesticider fra drikkevand

McKenzie, C.

08/02/2022

1 Media contribution

#### Fyens Stiftstidende

McKenzie, C. J.

09/05/2008

1 Media contribution

#### Grundvandet er forurenet - men forskere fra SDU har måske løsningen

McKenzie, C.

09/10/2021

1 Media contribution

#### Harnessing the oxidising power of air

Deville, C. & McKenzie, C. J.

25/01/2016  
1 item of Media coverage

**MCKENZIES MOLEKYLÆRE MODESHOW**

McKenzie, C. J.  
29/06/2013  
1 item of Media coverage

**Nye medlemmer af Videnskabernes Selskab**

McKenzie, C.  
21/10/2020  
1 Media contribution

**Ny metode til at rense drikkevand**

McKenzie, C.  
25/10/2021  
1 Media contribution

**Ny metode til rensning af drikkevandet**

McKenzie, C.  
18/10/2021  
1 Media contribution

**Ny metode til rensning af drikkevandet**

McKenzie, C.  
23/11/2021  
1 Media contribution

**Nyttig reaktion**

McKenzie, C. J.  
09/03/2016  
1 item of Media coverage

**Odense slog flere storbyer i kemi**

McKenzie, C. J.  
01/11/2016  
1 item of Media coverage

**PRM / SDU-forskere kan fjerne pesticider fra drikkevand**

McKenzie, C.  
07/10/2021  
1 Media contribution

**PRM / SDU-forskere kan fjerne pesticider fra drikkevand**

McKenzie, C.  
07/10/2021  
1 Media contribution

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

McKenzie, C.  
18/10/2021  
1 Media contribution

**SDU-forskere kan fjerne pesticider fra drikkevand**

McKenzie, C.  
07/10/2021

1 Media contribution

**SDU-forskere kan fjerne pesticider fra drikkevand**

McKenzie, C.

07/10/2021

1 Media contribution

**SDU-forskere kan rense grundvandet - om ti år**

McKenzie, C.

11/10/2021

1 Media contribution

**TV2 Fyn**

McKenzie, C. J.

10/03/2008

1 Media contribution

**Ven og fjende**

McKenzie, C. J.

29/06/2013

1 item of Media coverage

**Videnskaberens Selskab har valgt 15 nye medlemmer**

McKenzie, C.

09/10/2020

1 Media contribution

**Videnskaberens Selskab udpeger nye medlemmer**

McKenzie, C.

08/10/2020

1 Media contribution