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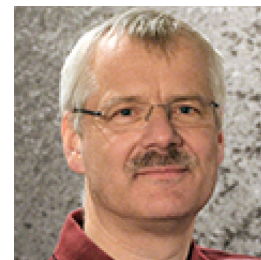
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## Publikationer

### **Kan man flyve uden klimaaftryk? - og til hvilken pris?**

Lund, T., 23 feb. 2021, I: Dansk Kemi.

### **Beregning af Jordens middeltemperaturstigning ved en fordobling af CO<sub>2</sub>-indholdet i atmosfæren**

Lund, T., Storr-Hansen, E., Christensen, V. V., Nilsson, C. H. U., Norén, D. V. & Empacher, S. H., okt. 2020, I: Kvant. 2020, 3, s. 21-26 6 s.

### **Isolation, Purification, and Antimicrobial Characterization of Cannabidiolic Acid and Cannabidiol from *Cannabis sativa* L.**

Martinenghi, L. D., Jønsson, R., Lund, T. & Jenssen, H., 12 jun. 2020, I: Biomolecules. 10, 6, 16 s., 900.

### **Kan vi stole på varedeklarationerne på cannabisprodukter?**

Lund, T., feb. 2020, I: Dansk Kemi. 101, 1, s. 6-8 3 s.

### **Characterization and photocatalytic activity of new photocatalysts based on Ag, F-modified ZnO nanoparticles prepared by thermal shock method**

Nguyen, H. T. P., Nguyen, T. M. T., Ngoc Hoang, C., Le, T. K., Lund, T., Nguyen, H. K. H. & Huynh, T. K. X., 2020, I: Arabian Journal of Chemistry. 13, 1, s. 1837-1847 10 s.

### **Direct experimental evidence for the adsorption of 4-*tert*-butylpyridine and 2,2'-bipyridine on TiO<sub>2</sub> surface and their influence on dye-sensitized solar cells' performance**

Phan, T. A. P., Nguyen, N. P., Nguyen, L. T., Nguyen, P. H., Lea, T. K., Huynhb, T. V. H., Lund, T., Tsai, D-H., Weid, T-C. & Nguyen, P. T., 2020, I: Applied Surface Science. 2020, 509, 9 s., 144878.

### **Stability of the oxidized form of RuLL'(NCS)<sub>2</sub> dyes in acetonitrile in the presence of water and pyridines: Why the dye-sensitized solar cell electrolyte should be dry**

Lund, T., Hansen, P. E., Josephsen, J., Krake, J. & Mortensen, J., 1 sep. 2019, I: Solar Energy. 2019, 189, s. 235-243 9 s.

### **Light-induced electrolyte improvement in cobalt tris(bipyridine)-mediated dye-sensitized solar cells**

Gao, J., Yang, W., El-Zohry, A., Prajapati, G. K., Fang, Y., Dai, J., Hao, Y., Leandri, V., Svensson, P., Furo, I., Boschloo, G., Lund, T. & Kloo, L., 1 aug. 2019, I: Journal of Materials Chemistry A. 2019, 33, s. 19495-19505 11 s.

### **Investigation of Tetramorpholinohydroquinone as a Potential Catholyte in a Flow Battery**

Drazevic, E., Szabo, C., Konya, D., Lund, T., Wedege, K. & Bentien, A., 17 jun. 2019, I: ACS Applied Energy Materials. 2, 7, s. 4745-4754 10 s.

### **2,2'-Bipyridine – A new electrolyte additive in dye-sensitized solar cells**

Phuong, N. T., Phan, T. A. P., Ngo, N. H. T., Huynh, T. V. & Lund, T., 2018, I: Solid State Ionics. 314, s. 98-102 5 s.

**Modification of fluorine-doped tin oxide-electrodes by electrochemical reduction of di(4-nitrophenyl)iodonium tetrafluoroborate - And its application as a photo-anode in dye-sensitized solar cells**

Christiansen, C. D., Sørensen, L. A. & Lund, T., 2018, I: Journal of Electroanalytical Chemistry. 809, s. 44-51 8 s.

**Application of nitrogen-doped TiO<sub>2</sub> nano-tubes in dye-sensitized solar cells**

Tran, V. A., Thinh Troung, T., Pham Phan, T. A., Ngoc Nguyen, T., Huynh, T. V., Agresti, A., Pescetelli, S., Khoa Le, T., Di Carlo, A., Lund, T., Le, S.-N. & Tuyet Nguyen, P., 2017, I: Applied Surface Science. 399, s. 515-522 8 s.

**Nicotinic acid as a new co-adsorbent in dye-sensitized solar cells**

Nguyen, P. T., Nguyen, V. S., Pham Phan, T. A., Van Le, T. N., My Le, D., Dang Le, D., Tran, V. A., Van Huynh, T. & Lund, T., 2017, I: Applied Surface Science. 392, s. 441-447 7 s.

**Thermal degradation chemistry of ruthenium complexes in the dye-sensitized solar cell and strategies for reducing the dark current**

Lund, T., 2017. 2 s.

**A Reinvestigation of the Ionic Liquid Diisopropylethylammonium Formate by NMR and DFT Methods**

Hansen, P. E., Lund, T., Krake, J., Spanget-Larsen, J. & Hvidt, S., 12 okt. 2016, I: The Journal of Physical Chemistry Part B: Condensed Matter, Materials, Surfaces, Interfaces & Biophysical. 120, s. 11279-11286 8 s.

**In Vitro Polarized Resonance Raman Study of N719 and N719-TBP in Dye Sensitized Solar Cells**

Hassig, S., Jernshøj, K., Phuong, N. T. & Lund, T., 2016, I: Journal of Technology Innovations in Renewable Energy. 5, 1, s. 21-32 12 s.

**Electrochemical grafting of TiO<sub>2</sub>-based photo-anodes and its effect in dye-sensitized solar cells**

Lund, T., Phuong, N. T. & Ruhland, T. G. A., 2015, I: Journal of Electroanalytical Chemistry. 758, s. 85-92

**Structure of protic ionic liquids studies by NMR, IR and DFT calculations. An isotope effect study**

Hansen, P. E., Lund, T., Krake, J., Hvidt, S. & Spanget-Larsen, J., 2 feb. 2014.

**Thermal stability of the DSC ruthenium dye C106 in robust electrolytes**

Lund, T., Phuong, N. T., Pechy, P., Zakeeruddin, S. M., Grätzel, M. & Tran, H. M., 2014, I: Solar Energy. 110, s. 96-104 9 s.

**Thermal stability of the C106 dye in robust electrolytes.**

Lund, T., Phuong, N. T., Pechy, P., Zakeeruddin, S. M. & Grätzel, M., 13 maj 2013.

**Differences in the structure of anthocyanins from the two amphibious plants, *Lobelia cardinalis* and *Nesaea crassicaulis***

Mozetic Vodopivec, B., Wang, J., Møller, A. L., Krake, J., Lund, T., Hansen, P. E. & Nielsen, S. L., 2013, I: Natural Product Research. 27, 7, s. 655-664 10 s.

**Investigation of the Stability of the Ruthenium-Based Dye (N719) Utilizing the Polarization Properties of Dispersive Raman Modes and/or of the Fluorescent Emission**

Hassing, S., Jernshøj, K. D., Phuong, N. T. & Lund, T., 2013, I: The Journal of Physical Chemistry Part C. 117, 45, s. 23500-23506 7 s.

**The effect of 4-tert-butylpyridine and Li<sup>+</sup> on the thermal degradation of TiO<sub>2</sub> - bound ruthenium dye N719**

Nguyen, P. T., Hansen, P. E. & Lund, T., 2013, I: Solar Energy. 88, s. 23-30

**Farvestofsensibiliserede solceller og farvestofstabilitet**

Lund, T., sep. 2012, I: Dansk Kemi. 93, 9, s. 40-42 3 s.

**Degradation chemistry of RuLL'(NCS)<sub>2</sub> complexes in the Dye-sensitized solar cell**

Lund, T., 20 aug. 2012. 10 s.

**The effect of 4-tert-butylpyridine and Li<sup>+</sup> on the thermal degradation of TiO<sub>2</sub> – bound ruthenium dye N719**

Phuong, N. T., Hansen, P. E. & Lund, T., 6 maj 2012. 1 s.

**Dye-sensitized solar cells and complexes between pyridines and iodines: A NMR, IR and DFT study**

Hansen, P. E., Phuong, N. T., Krake, J., Spanget-Larsen, J. & Lund, T., 2012, I: *Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy*. 98, s. 247-251 5 s.

**Dye-sensitized Solar Cells and Complexes between Pyridines and Iodines. A NMR, IR and DFT study**

Hansen, P. E., Phuong, N. T., Krake, J., Spanget-Larsen, J. & Lund, T., 2012. 1 s.

**Charge Transport and Photocurrent Generation Characteristics in Dye Solar Cells Containing Thermally Degraded N719 Dye Molecules**

Andersen, A. R., Halme, J., Lund, T., Asghar, M. I., Phuong, N. T., Miettunen, K., Kemppainen, E. & Albrektsen, O., 2011, I: *Journal of Physical Chemistry Part C: Nanomaterials and Interfaces*. 115, 31, s. 15598-15606 9 s.

**Photovoltaic performance and characteristics of dye sensitized solar cells prepared with the N719 thermal degradation products [Ru(L-H)<sub>2</sub>(NCS)(4-tert-butylpyridine)]<sup>-</sup>, +N(Bu)<sub>4</sub> and [Ru(L-H)<sub>2</sub>(NCS)(1-methylbenzimidazole)]<sup>-</sup>, +N(Bu)<sub>4</sub>**

Phuong, N. T., Xuan Thi Lam, B., Hansen, P. E., Lund, T. & Andersen, A. R., 2011, I: *European Journal of Inorganic Chemistry*. 2011, 16, s. 2533-2539 7 s.

**Dye stability and performances of Dye-sensitized solar cells with different nitrogen additives at elevated temperatures – Can sterically hindered pyridines prevent dye degradation?**

Phuong, N. T., Andersen, A. R., Skou, E. M. & Lund, T., 23 apr. 2010, I: *Solar Energy Materials & Solar Cells*. 94, 10, s. 1582-1590 9 s.

**Are Reactions Between Metal Cyanides and Aryl Diazonium Ions Really Outer-Sphere Electron Transfer Processes?**

Kläning, U., Lund, T., Lund, H., Pedersen, S. U. & Daasbjerg, K., 19 apr. 2010, I: *Journal of Physical Chemistry Part A: Molecules, Spectroscopy, Kinetics, Environment and General Theory*. 114, 24, s. 6575-6585 11 s.

**Er der flest antioxidanter i vin eller rødbedesaft?**

Mojsoška, B., Muszala, L., Ebdrup, L. & Lund, T., 2010, I: *Dansk Kemi*. 91, 9, s. 24-28 5 s.

**The performance of dye sensitized solar cells with 4-tert-butylpyridine and 1-methylbenzimidazole N719 substituted ruthenium dyes as sensitizers**

Phuong, N. T., Lam, B. X. T., Rand, A. & Lund, T., 2010.

**Degradation chemistry of N719 and Z-907 dyes at elevated temperatures**

Lund, T., Nguyen, H. T. & Phuong, N. T., 2009, *Catalogue of abstracts*. Tallin University of Technology, s. 35 1 s.

**Degradation chemistry of N719 and Z-907 dyes at elevated temperatures**

Lund, T., Nguyen, H. T. & Phuong, N. T., 2009, *HOPV09 - Hybrid and Organic Photovoltaics Conference: Book of Abstracts*. s. 34 1 s.

**Dye degradation chemistry in the Grätzel solar cell –Dye stability of N719 and life time estimations**

Lund, T., 2009.

**Effect of different additives on thermal stability of dye N719 and performance of Dye-sensitized Solar Cells (DSC)**

Nørgaard, K., Lauritzen, H., Lund, T. & Phuong, N. T., 2009.

**Regioselectivity in the Reductive Bond Cleavage of Diarylalkylsulfonium Salts: Variation with Driving Force and Structure of Sulfuranyl Radical Intermediates**

Kampmeier, J., Mansurul Hoque, AKM., D. Saeva, F., K. Wedergaertner, D., Thomsen, P., Ullah, S., Krake, J. & Lund, T., 2009, I: *Journal of the American Chemical Society*. 131, 29, s. 10015-10022 8 s.

**The relationship between electrochemical impedance spectra and photovoltaic performance characteristics during the light and thermal ageing of dye-sensitized solar cells**

Nguyen, T. H., Mai, H. H. T., Nguyen, P. T. & Lund, T., 2009, I: ECS Transactions. 47, s. 23-32 10 s.

**Thiocyanate ligand substitution kinetics of the solar cell dye Z-907 by 3-methoxypropionitrile and 4-*tert*-butylpyridine at elevated temperatures**

Phuong, N. T., Degn, R., Nguyen, T. H. & Lund, T., 2009, I: Solar Energy Materials & Solar Cells. 93, 11, s. 1939-1945 7 s.

**Danske rødvine indeholder kun lidt resveratrol**

Andersen, H. D., Cohen, M., Tønning, J., Olsson, K., Lund, T. & Vang, O., 12 sep. 2008, I: Dansk Kemi. 89, 9, s. 51-57

**Determination of D/L-amino acids by zero needle voltage electrospray ionization**

Budde Sørensen, M., Aaslo, P. H., Egsgaard, H. & Lund, T., 2008, I: Rapid Communications in Mass Spectrometry. 22, 4, s. 455-461 7 s.

**Ecdysteroids in female shore crabs *Carcinus maenas* during the moulting cycle and oocyte development**

Styrishave, B., Lund, T. & Andersen, O., 2008, I: Journal of the Marine Biological Association of the United Kingdom. 88, 3, s. 575-581 7 s.

**LC/MS bestemmelse af aminosyrer med 0 volts elektropray**

Budde Sørensen, M., Aaslo, P. H., Egsgaard, H. & Lund, T., 2008, I: Dansk Kemi. 89, 9, s. 66-71 6 s.

**An investigation of the photosubstitution reaction between N719-dyed nanocrystalline TiO<sub>2</sub> particles and 4-*tert*-butylpyridine**

Nour-Mohammadi, F., Nguyen, T. H., Boschloo, G. & Lund, T., 2007, I: Journal of Photochemistry and Photobiology, A: Chemistry. 187, 2-3, s. 348-355 8 s.

**Thermal Thiocyanate Ligand Substitution Kinetics of the Solar Cell Dye N719 by Acetonitrile, 3-Methoxypropionitrile, and 4-*tert*-Butylpyridine**

Nguyen, T. H., Minh, H. & Lund, T., 2007, I: Solar Energy Materials & Solar Cells. 91, 20, s. 1934-1942 9 s.

**Effect of cold storage upon eggs of a calanoid copepod *Acartia tonsa* (Dana) and their offspring**

Drillet, G., Iversen, M. H., Sørensen, T. F., Ramløv, H., Lund, T. & Hansen, B. W., 2006, I: Aquaculture. 254, 1-4, s. 714-729

**Determination of the light-induced degradation rate of the solar cell sensitizer N719 on TiO<sub>2</sub> nanocrystalline particles**

Nour-Mohammadi, F., Doan Nguyen, S., Boschloo, G., Hagfeldt, A. & Lund, T., 2005, I: Journal of Physical Chemistry B. 109, 4, s. 22413-22419 7 s.

**Effect of cold storage upon eggs of a Calanoid copepod *Acartia tonsa* (Dana) and their offspring**

Drillet, G., Iversen, M. H., Sørensen, T. F., Ramløv, H., Lund, T. & Hansen, B. W., 2005.

**Oxidative coupling and polymerization of pyrroles: Part I. The electrochemical oxidation of 2,4-dimethyl-3-ethylpyrrole in acetonitrile**

Hansen, G. H., Mørck Henriksen, R., Kamounah, F. S., Lund, T. & Hammerich, O., 2005, I: Electrochimica Acta. 50, 25-26, s. 4936-4955 20 s.

**Sensitive and selective analysis of coenzyme Q10 in human serum by negative APCI LC-MS**

Hansen, G. H., Christensen, P., Tüchsen, E. & Lund, T., 2004, I: Analyst. 129, 1, s. 45-50

**Variations in ecdysteroid levels and Cytochrome *p*<sub>450</sub> expression during moult and reproduction in male shore crabs *Carcinus maenas***

Styrishave, B., Rewitz, K., Lund, T. & Andersen, O., 2004, I: Marine Ecology - Progress Series. 274, s. 215-224 10 s.

**Direct determination of rate constants for coupling between aromatic radical anions and alkyl and benzyl radicals by laser-flash photolysis**

Lund, T., Christensen, P. & Wilbrandt, R., 2003, I: Organic & Biomolecular Chemistry. 1, s. 1020-1025

**Longterm effect of sea-nine on natural coastal phytoplankton communities assessed by pollution induced community tolerance**

Larsen, D. K., Wagner, I., Gustavson, K., Forbes, V. E. & Lund, T., 2003, I: Aquatic Toxicology. 62, s. 35-44

**Products of the electrochemical oxidation of cis-L2Ru(II)(NCS)2 in Dimethylformamide and acetonitrile determined by LC-UV-MS**

Hansen, G., Gervang, B. & Lund, T., 2003, I: Inorganic Chemistry. 42, s. 5545-5550

**Identification of 1-hydrozypyrene glucuronide in tissue of marine polychaete nereis diversicolor by liquid chromatography/ion trap multiple mass spectrometry**

Giessing, A. & Lund, T., 2002, I: Rapid Communications in Mass Spectrometry. 16, s. 1521-1525

**Diatom production in the marine environment: implications for larval fish growth and condition**

John, M. A. S., Clemmensen, C., Lund, T. & Köster, T., 2001, I: ICES Journal of Marine Science. 58, s. 1106-1113

**Industrial development of photoelectrochemical modules**

Sørensen, B., Boisen, A., Sørensen, F., Lund, T., West, K., Bezzel Hansen, E., Lauritzen, H. & Wedel, S., 2001. 8 s.

**Oxidation potentials of  $\alpha$ -Hydroxylalkyl radicals in acetonitrile obtained by photomodulated voltammetry**

Lund, T., Wayner, D. D. M., Jonsson, M., Larsen, A. G. & Daasbjerg, K., 2001, I: Journal of the American Chemical Society. 123, s. 12590-12595

**Gensidige interaktioner mellem bioturbierende infauna og olieforurening: Et sediment forsøg med sandormen Arenicola marina**

Banta, G. T., Andersen, O., Holmer, M., Lund, T., Rasmussen, A. D., Forbes, T. L. & Frederiksen, L., 2000, *Det 11. Danske Havforsker møde: Abstracts*. Roskilde Universitet

**New contributions to the chemistry of 2,2-Bis(chlorothio)propanedioic Diesters and Diamides**

Hawata, M. A., El-torgoman, A. M., El-Kousy, S. M., Ismail, A. E., Madsen, J. Ø., Søjtofte, I., Lund, T. & Senning, A., 2000, I: European Journal of Organic Chemistry. 14, s. 2583-2592

**On the determination and use of reduction potentials of short-lived radicals (a review)**

Lund, H., Skov, K., Pedersen, S. U., Lund, T. & Daasbjerg, K., 2000, I: Collection of Czechoslovak Chemical Communications. 65, s. 829-843

**A comparative product investigation between Grignard reactions of benzophenone and coupling reactions of electrogenerated benzophenone radical anions and alkyl radicals in THF**

Lund, T., Ohlrich, D. & Borling, P., 1999, I: ACTA chemica Scandinavica. 53, s. 932-937

**En ny solcelletype baseret på farvestof-sensibiliserede nanokrystalinske halvleder-oxidfilm (Grätzel-solcellen)**

Lund, T. & Gervang, B., 1999, I: Dansk Kemi. 80, 5

**Complete inversion of configuration in aliphatic nucleophilic substitution reactions with small inner-sphere stabilization**

Lund, T. & Jacobsen, K. B., 1998, I: ACTA chemica Scandinavica. 52, s. 778-783

**Electron transfer in some nucleophilic reactions**

Lund, H., Daasbjerg, K. & Lund, T., 1998, I: Macromolecular Symposia. 134, s. 73-82

**Kinetic studies of the homogeneous coupling reaction between electrochemically generated aromatic radical anions and alkyl radicals**

Pedersen, S. U., Lund, T., Dassbjerg, K., Pop, M., Fussing, I. & Lund, H., 1998, I: ACTA chemica Scandinavica. 52, s. 657-671

**Experimental determination of the reorganization energy of the NO<sub>2</sub><sup>+</sup>/NO<sub>2</sub> redox couple: comparison with theory**

Lund, T. & Ebersson, L., 1997, I: Journal of the Chemical Society. Perkin Transactions 2 (2001). s. 1435-1443

**On radical anions in elucidation of mechanisms of organic reactions**

Lund, H., Daasbjerg, K., Lund, T., Occhialini, D. & Pedersen, S. U., 1997, I: ACTA chemica Scandinavica. 51, s. 135-143

**Farverig kemi-med aromatiske radikalanioner**

Lund, T., 1996, I: Dansk Kemi. 5, s. 34-35

**Lipid biomarkers: linking the utilization of frontal plankton biomass to enhanced condition of juvenile North Sea cod**

st. John, M. A. & Lund, T., 1996, I: Marine Ecology - Progress Series. 131, s. 75-85

**Photoinduced alkylation of anthracene by butyltriphenylborate ion. a comparison between products from the photochemical and electrochemical butylation of anthracene**

Lund, T., 1996, I: ACTA chemica Scandinavica. 50, s. 64-67

**On electron transfer in aliphatic nucleophilic substitution**

Lund, H., Daasbjerg, K., Lund, T. & Pedersen, S. U., 1995, I: Accounts of Chemical Research. 28, s. 313

**Does the reaction between fluorenone and grignard reagents involve free fluorenone anion radicals?**

Lund, T., Pedersen, M. L. & Frandsen, L. A., 1994, I: Tetrahedron Letters. 35, 49, s. 9225-9226

**Debromination of meso- and (+-)-1,2-dibromo-1,2-diphenylethane by 9-substituted fluorenone ions»c correlation between stereochemical results and redox potentials**

Lund, T., Bjørn, C., Hansen, H. S., Jensen, A. K. & Thorsen, T. K., 1993, I: ACTA chemica Scandinavica. 47, s. 877-884

**Electron transfer and regioselectivity in the alkylation of a hydrocarbon mono- and dianion**

Lund, T., 1992, I: Chemische Berichte. 125, s. 505-513

**Correlation between inner-sphere stabilization and stereochemistry for the aliphatic nucleophilic substitution**

Lund, T., 1991, I: Tetrahedron Letters. 32, 12, s. 1595-1598

**Homogeneous rate constants for coupling between electrochemically generated aromatic anion radicals and alkyl radicals**

Pedersen, S. U. & Lund, T., 1991, I: ACTA chemica Scandinavica. 45, s. 397-402

**On the reaction between alkyl halides and dianions of aromatic compounds**

Lund, T. & Lund, H., 1991, I: ACTA chemica Scandinavica. 45, s. 655-658

## Projekter

**Anthocyaninens fysiologiske roller i planters blade**

Nielsen, S. L. & Lund, T.

Forskningsrådet for Natur og Univers

01/01/2007 → 31/12/2009

### **DSC New ways to high efficiency Dye-sensitized Solar Cells**

Lund, T.

15/09/2013 → ...

### **En undersøgelse af nedbrydningskemi og stabilitet af en række kendte og nye Grätzel solcelle ruthenium farvestofkomponenter**

Lund, T.

Statens Teknisk Videnskabelige Forskningsråd

11/08/2010 → ...

## **Aktiviteter**

### **A contribution to reducing uncertainty in risk assessments of polluted sediments?**

Torben Lund (Oplægsholder)

15 maj 1999 → 29 maj 1999

### **Analyse af produktblandinger fra elektrokemisk oxidation af substituerede pyrroler ved hjælp af HPLC-UV-MS**

Torben Lund (Oplægsholder)

20 aug. 2002 → 21 aug. 2002

### **Analyse af resveratrol og anthocyaniner i rødvin ved hjælp af LC-MS<sup>n</sup> - Kan druetypen bestemmes ud fra en simpel kemisk analyse?**

Torben Lund (Foredragsholder)

27 nov. 2008

### **Applied Organometallic Chemistry (Tidsskrift)**

Torben Lund (Redaktør)

1 aug. 2019

### **Dansk Elektrokemisk Forening (Ekstern organisation)**

Torben Lund (Medlem)

1 sep. 2008 → ...

### **Degradation chemistry of dye sensitized solar cell ruthenium dyes N719 and Z907 dyes**

Torben Lund (Foredragsholder)

8 jun. 2009

### **Degradation chemistry of dye sensitized solar cell ruthenium dyes N719 and Z907 dyes**

Torben Lund (Foredragsholder)

19 jun. 2009

### **Degradation chemistry of dye sensitized solar cell ruthenium dyes N719 and Z907 dyes**

Torben Lund (Foredragsholder)

27 aug. 2009

### **Degradation chemistry of RuLL'(NCS)<sub>2</sub> dyes in dye sensitized solar cells**

Torben Lund (Foredragsholder)

21 aug. 2012 → 22 aug. 2012

### **Degradation chemistry of RuLL'(NCS)<sub>2</sub> dyes in dye sensitized solar cells**

Torben Lund (Foredragsholder)

21 aug. 2012

### **Degradation chemistry of ruthenium dyes in dye sensitized solar cells**

Torben Lund (Foredragsholder)

14 jan. 2010

**Degradation chemistry of ruthenium dyes in dye sensitized solar cells**

Torben Lund (Foredragsholder)

1 sep. 2010

**Dye degradation chemistry and stability of Dye Sensitized Solar Cells**

Torben Lund (Foredragsholder)

3 okt. 2008

**Dye stability and performances of Dye-sensitized solar cells with different nitrogen additives at elevated temperatures – Can sterically hindered pyridines prevent dye degradation?**

Torben Lund (Foredragsholder)

23 maj 2010 → 27 maj 2010

**Dye stability and performances of Dye-sensitized solar cells with different nitrogen additives at elevated temperatures – Can sterically hindered pyridines prevent dye degradation?**

Torben Lund (Foredragsholder)

29 nov. 2010

**En undersøgelse af den oxidative nedbrydning af solcellefarvestoffer cis-L-2Ru(NCS)-2 ved hjælp af LC-ESI-MS**

Torben Lund (Oplægsholder)

20 aug. 2002 → 21 aug. 2002

**Farvestofnedbrydningskemi i Grätzel solcellen**

Torben Lund (Foredragsholder)

12 feb. 2010

**Farvestofsensibiliserede solceller - en ny spændende type solcelle**

Torben Lund (Foredragsholder)

3 mar. 2010

**Farvestofsensibiliserede solceller - en ny spændende type solcelle**

Torben Lund (Foredragsholder)

7 dec. 2009

**Identification of anthocyanin pigments in amphibious plants**

Torben Lund (Oplægsholder)

2005

**Identifikation af glucuronsyre konjugeret hydroxy-PAH i en marin havbørsteorm ved hjælp af APCI LC/MS**

Torben Lund (Oplægsholder)

20 aug. 2002 → 21 aug. 2002

**Kinetic studies of the homogeneous coupling reaction between electrochemically generated aromatic radical anions and alkyl radicals**

Torben Lund (Oplægsholder)

5 aug. 1998 → 8 aug. 1998

**Kinetic studies of the homogeneous coupling reaction between electrochemically generated aromatic radical anions and alkyl radicals**

Torben Lund (Oplægsholder)

21 okt. 1998 → 23 okt. 1998



**LC/MS detection of amino acids with zero-voltage electrospray**

Torben Lund (Foredragsholder)

24 sep. 2009

**LC/MS detection of amino acids with zero-voltage electrospray,**

Torben Lund (Foredragsholder)

20 aug. 2008

**Ph.d. bedømmelsesudvalg (Ekstern organisation)**

Torben Lund (Medlem)

8 jun. 2009 → ...

**Ph.d. bedømmelsesudvalg (Ekstern organisation)**

Torben Lund (Medlem)

30 nov. 2010

**Ruthenium complexes. Water and Dye Sensitized Solar Cells.**

Torben Lund (Andet), Poul Erik Hansen (Oplægsholder), Jens Josephsen (Andet), Jacob Krake (Andet) &amp; John Mortensen (Andet)

3 jun. 2019 → 7 jun. 2019

**Stability of the oxidized form of RuLL'(NCS)<sub>2</sub> dyes in acetonitrile in the presence of water and pyridines – Why the Dye-sensitized solar cell electrolyte should be dry.**

Torben Lund (Oplægsholder)

14 okt. 2019

**Stability of the oxidized form of RuLL'(NCS)<sub>2</sub> dyes in acetonitrile in the presence of water and pyridines – Why the Dye-sensitized solar cell electrolyte should be dry.**

Torben Lund (Oplægsholder)

31 okt. 2019

**The role of N-additives in Dye sensitized solar cells**

Torben Lund (Foredragsholder)

12 okt. 2012

**The role of N-additives in Dye sensitized solar cells**

Torben Lund (Foredragsholder)

12 okt. 2012

**Uppsala Universitet (Ekstern organisation)**

Torben Lund (Medlem)

21 mar. 2013

**Presseklip****Energi. Kan Danmark få styr på solens stråler?**

Poul Erik Hansen &amp; Torben Lund

17/02/2013

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**Frelse fra himlen**

Torben Lund

08/03/2019

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**Gør det selv-solceller**

Torben Lund

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**Intens jagt på fremtidens solcelle**

Torben Lund

02/06/2013

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**Politisk slagsmål om milliarder til trafik**

Per Homann Jespersen & Torben Lund

11/12/2012

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