Shuang Ma Andersen
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Publikationer

Towering non-Faradaic capacitive storage based on high quality reduced graphene oxide from spent graphite: Direct approach and waste utilization
Perumal, P., Mohapatra, M., Mukherjee, A., Basu, S. & Andersen, S. M., 25. aug. 2022, I: Journal of Energy Storage. 52, 104989.

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Sharma, R., Gyergyek, S., Lund, P. B. & Andersen, S. M., 26. jul. 2021, I: ACS Applied Energy Materials. 4, 7, s. 6842–6852

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Activation of Engineering Students with Clickers
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^{19}F-NMR Studies of NafionTM ionomer Adsorption on PEMFC Catalysts and Supporting Carbons
Ma, S. & Skou, E. M., 2007.

19F NMR studies of Nafion™ ionomer adsorption on PEMFC catalysts and supporting carbons
Ma, S., Chen, Q., Jørgensen, F., Stein, P. C. & Skou, E. M., 2007, I: Solid State Ionics. 178, 29-30, s. 1568-1575

CO2 permeability in Nafion EW1100 at elevated temperature
Ma, S. & Skou, E. M., 2007, I: Solid State Ionics. 178, 7-10, s. 615-619 5 s.

Investigations on Platinum Porous Electrodes for Proton Exchange Membrane Fuel Cells (PEMFCs)
Andersen, S. M., 2007

Microscopy study on proton exchange membrane fuel cell electrodes with different ionomer content
Ma, S. & Skou, E. M., 2007.

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Ma, S. & Skou, E. M., 2006.

Novel method of Proton Exchange Membrane Fuel Cell catalyst characterization
Ma, S. & Skou, E. M., 2006.

Carbon dioxide permeability of proton exchange membranes for fuel cells
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Investigation on Platinum Catalyst Utilization in Porous Electrodes of MEA for PEMFCs
Ma, S. & Skou, E. M., 2005.

Gas Permeability of PEMs for Fuel cells
Ma, S. & Skou, E. M., 2004.

Aktiviteter

Study of the catalyst/ionomer interface in PEMFC electrodes through quantification of the degradation mechanisms during an accelerated stress test
Raghunandan Sharma (Oplægsholder) & Shuang Ma Andersen (Andet)
31. okt. 2019 → 1. nov. 2019

Internal Examinator (censor) Individuel studieaktivitet:Genvinding og oprensning af ædelmetaller fra katalysatorer fra tunge køretøjer - i samarbejde med Landson Emission Technologies A/S
Knud Villy Christensen (Censor) & Shuang Ma Andersen (Eksaminator)
21. jun. 2018

Internal Examinator (censor) bachelor project: Analysis of the filtration of platinum nanoparticles dissolved in hydrochloric acid
Knud Villy Christensen (Censor) & Shuang Ma Andersen (Eksaminator)
6. jun. 2018

7th International Colloids Conference
Shuang Ma Andersen (Deltager)
18. jun. 2017 → 21. jun. 2017

First International Conference on Electrolysis
Shuang Ma Andersen (Deltager)
12. jun. 2017 → 15. jun. 2017

Danscatt annual meeting 2017
Shuang Ma Andersen (Deltager)
1. jun. 2017 → 2. jun. 2017

6th International Conference on Fuel Cell & Hydrogen Technology
Shuang Ma Andersen (Deltager)
11. apr. 2017 → 13. apr. 2017

Engineering programmes in Chemical Engineering and Biotechnology
Shuang Ma Andersen (Underviser)
10. apr. 2017

Den danske brint- og brændselscelledag 2016
Shuang Ma Andersen (Arrangør)
10. nov. 2016

2016 Annual Meeting of the Danish Electrochemical Society
Shuang Ma Andersen (Deltager)
23. okt. 2016 → 24. okt. 2016

Progress on Modificatin of Electrode Interface Structure in Proton Exchange Membrane Fuel cells (PEMFCs)
Shuang Ma Andersen (Oplægsholder)
9. jun. 2016

DanScatt annual meeting 2016
Shuang Ma Andersen (Deltager)
26. maj 2016 → 27. maj 2016

International Sociaty of Electrochemistry
Shuang Ma Andersen (Deltager)
31. aug. 2014 → 5. sep. 2014

School of physics and engineering
Shuang Ma Andersen (Gæsteforsker)
16. mar. 2014 → 19. mar. 2014

Electrochemical Conference on Energy & the Environment
Shuang Ma Andersen (Deltager)
13. mar. 2014 → 16. mar. 2014

BIT's 4th Annual Global Congress of Catalysis
Shuang Ma Andersen (Oplægsholder)
30. jun. 2013

Physical Chemistry Atkins 9th edition (3 chapters) (Tidsskrift)
Shuang Ma Andersen (Peer reviewer)
13. nov. 2012

Medlemskab af Partnerskabet for brint og brændselsceller (Ekstern organisation)
Shuang Ma Andersen (Medlem)
9. nov. 2012

Communication with publisher (Oxford) - regarding to the teaching book Physical Chemistry Atkins
Shuang Ma Andersen (Underviser)
5. nov. 2012

Interactions between Nafion® ionomer and catalyst / support materials
Shuang Ma Andersen (Oplægsholder)
12. okt. 2012

36th International Conference on Improving University Teaching
Shuang Ma Andersen (Deltager)
19. jul. 2011 → 21. jul. 2011

Pedagogical conference, improving university teaching
Shuang Ma Andersen (Deltager)
19. jul. 2011 → 22. jul. 2011

Solid State Ionic Conference - 18
Shuang Ma Andersen (Deltager)
3. jul. 2011 → 8. jul. 2011

Workshop and summer school in connection with NanoduraMEA project
Shuang Ma Andersen (Deltager)
12. jun. 2011

Solid State Ionics (Tidsskrift)
Shuang Ma Andersen (Peer reviewer)
27. maj 2011

Adjunktpædagogikum
Shuang Ma Andersen (Deltager)
9. maj 2011

Journal of Physics and Chemistry of Solids (Tidsskrift)
Shuang Ma Andersen (Peer reviewer)
7. feb. 2011

Dansk Elektrokemisk Forenings Årsmøde
Shuang Ma Andersen (Deltager)
30. sep. 2010 → 1. okt. 2010

University of Applied Sciences Kiel
Shuang Ma Andersen (Gæsteforsker)
26. jul. 2010 → 27. jul. 2010

Nanoduramea summer school
Shuang Ma Andersen (Deltager)
22. jun. 2010 → 24. jun. 2010

Solid State Ionics (Tidsskrift)
Shuang Ma Andersen (Peer reviewer)
3. jan. 2010

Solid State Ionics (Tidsskrift)
Shuang Ma Andersen (Peer reviewer)
4. nov. 2009

Electrochemical Science and Technology 2009
Shuang Ma Andersen (Deltager)
1. okt. 2009 → 2. okt. 2009

Smart material # 3
Shuang Ma Andersen (Deltager)
18. aug. 2009 → 21. aug. 2009

Solid State Ionice - 17
Shuang Ma Andersen (Deltager)
27. jun. 2009 → 5. jul. 2009

Nanoduramea 2009
Shuang Ma Andersen (Deltager)
7. jun. 2009 → 9. jun. 2009

Syddansk Universitet
Shuang Ma Andersen (Gæsteforsker)
25. maj 2009

Udlands studerende udvikling
Shuang Ma Andersen (Deltager)
5. apr. 2009 → 9. apr. 2009

Electrochemical Science and Technology 2008
Shuang Ma Andersen (Deltager)
2. okt. 2008 → 3. okt. 2008

14^{th} International Conference on Solid State Protonic Conductors
Shuang Ma Andersen (Deltager)
7. sep. 2008 → 11. sep. 2008

Fuel Cells Norfa Workshop: New Materials and Technologies for Low Temperature Fuel Cells 2008
Shuang Ma Andersen (Deltager)
13. aug. 2008 → 16. aug. 2008

Summer school: Carbon nanotubes and nanofibers
Shuang Ma Andersen (Deltager)
11. aug. 2008 → 12. aug. 2008

Electrochemical Science and Technology 2007
Shuang Ma Andersen (Deltager)
4. okt. 2007 → 5. okt. 2007

Fuel Cell Durability
Shuang Ma Andersen (Deltager)
19. sep. 2007 → 21. sep. 2007

2^{nd} Smart Materials & Structures
Shuang Ma Andersen (Deltager)
29. aug. 2007 → 31. aug. 2007

Solid State Ionics - 16 (SSI-16)
Shuang Ma Andersen (Deltager)
1. jul. 2007 → 7. jul. 2007

Syddansk Universitet
Shuang Ma Andersen (Gæsteforsker)
2. apr. 2007 → 27. apr. 2007

Advances in Materials for Proton Exchange Membrane Fuel Cell Systems 2007
Shuang Ma Andersen (Deltager)
18. feb. 2007 → 21. feb. 2007

University of Applied Sciences Upper Austria
Shuang Ma Andersen (Gæsteforsker)
5. feb. 2007 → 9. feb. 2007

Syddansk Universitet
Shuang Ma Andersen (Gæsteforsker)
13. nov. 2006 → 12. dec. 2006

Electrochemical Science and Technology 2006
Shuang Ma Andersen (Deltager)
5. okt. 2006 → 6. okt. 2006

Nodic PEMFC 06
Shuang Ma Andersen (Deltager)
25. sep. 2006 → 27. sep. 2006

Solid State Protonic Conductor - 13 (SSPC-13)
Shuang Ma Andersen (Deltager)
4. sep. 2006 → 6. sep. 2006

Impedance Day 2006
Shuang Ma Andersen (Deltager)
29. mar. 2006 → 31. mar. 2006

University of Applied Sciences Upper Austria
Shuang Ma Andersen (Gæsteforsker)
6. mar. 2006 → 11. mar. 2006

Nordic Hydrogen Seminar 2006
Shuang Ma Andersen (Deltager)
6. feb. 2006 → 9. feb. 2006

Energy Camp 05
Shuang Ma Andersen (Deltager)
23. nov. 2005 → 24. nov. 2005

Fuel Cells Norfa Workshop: New Materials and Technologies for Low Temperature Fuel Cells 2005
Shuang Ma Andersen (Deltager)
30. aug. 2005 → 4. sep. 2005

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Shuang Ma Andersen (Deltager)
25. jul. 2005 → 19. aug. 2005

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