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# Oversikt over FFIs publisering i fagtidsskrifter 2012 og 2013



Anne-Lise Hammer og Synnøve Eifring





## **Oversikt over FFIs publisering i fagtidsskrifter 2012 og 2013**

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## **Emneord**

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Jan Erik Torp

Stabssjef

## Sammendrag

Rapporten gir en oversikt over FFI-forskeres publisering i fagtidsskrifter med fagfelleevaluering i årene 2012 og 2013. Oversikten er hentet ut fra den norske publikasjonsdatabasen CRISStin, som er et felles system for registrering og rapportering av forskningsaktiviteter for institusjoner i helsesektoren, instituttsektoren og universitets- og høyskole (UH)-sektoren.

Oversikten viser en fordeling på nivå 1- og nivå 2 (høyeste faglige nivå)-tidsskrifter og på avdelinger.

FFI har som mål å øke publiseringen i renommerte fagtidsskrifter. Antall publiseringer er økt fra 2012 til 2013. Andel FFI-publiseringer i tidsskrifter på høyeste faglige nivå er høyere enn gjennomsnittet, som er 20 prosent.

## English summary

This report gives an overview of publications in peer reviewed scientific journals published by FFI researchers in the years 2012 and 2013. The overview is retrieved from the Norwegian publications database Current Research Information System in Norway (CRISin), which is a common system for the registration and reporting of research activities for institutions in the health sector, the institute sector and the university and college sector.

The overview shows the publications distributed on level 1 and level 2 journals (level 2 being the highest) and on the FFI departments.

FFI aims to increase the number of publications in renowned journals. The number has increased from 2012 to 2013. The percentage of publications on level 2 is higher than the average, which is 20 percent.

## Innhold

	<b>Forord</b>	<b>6</b>
<b>1</b>	<b>Innledning</b>	<b>7</b>
1.1	Statistisk oversikt tidsskriftartikler fordelt på nivå 1 og nivå 2	7
<b>2</b>	<b>Oversikt 2012</b>	<b>8</b>
<b>3</b>	<b>Oversikt 2013</b>	<b>16</b>

## **Forord**

Denne rapporten skal være et verktøy for ledelsen ved instituttet. FFI-KE/Biblioteket vil hvert år i etterkant av årsrapporteringen lage en slik oversiktssrapport.



## 1 Innledning

Rapporten gir en oversikt over FFI-forskeres publisering i fagtidsskrifter med fagfelleevaluering i årene 2012 og 2013. Oversikten er hentet ut fra Current Research Information System in Norway (CRISStin) <http://www.cristin.no/>, som er et felles system for registrering og rapportering av forskningsaktiviteter for institusjoner i helsesektoren, instituttsektoren og universitets- og høyskole (UH)-sektoren. Systemet blir driftet av Universitetet i Oslo.

Oversikten viser en fordeling på nivå 1- og nivå 2 (høyeste faglige nivå)-tidsskrifter og på avdelinger. Siden CRISStin er en dynamisk database vil listene endre seg (øke) over tid. Listene blir vanligvis tatt ut i forbindelse med FFIs årsrapportering (januar). Listene i denne rapporten er tatt ut i august 2014 og antall publiseringer/statistikken vil derfor ikke stemme overens med årsrapporteringen for 2012 og 2013.

FFI har som mål å øke publiseringen i renommerte fagtidsskrifter. Antall publiseringer er økt fra 2012 til 2013. Andel FFI-publiseringer i tidsskrifter på høyeste faglige nivå er høyere enn gjennomsnittet, som i CRISStin er 20 prosent.

I forbindelse med FFIs årsrapportering i 2012 og 2013 ble det rapportert henholdsvis 66 og 86 FFI-publiseringer i fagtidsskrifter med fagfelleevaluering.

### 1.1 Statistisk oversikt tidsskriftartikler fordelt på nivå 1 og nivå 2

Registreringer og statistikk i denne første samlerapporten, som vi viser under, er basert på uttak i august 2014.

<i><b>Fagtidsskrifter med fagfelleevaluering</b></i>	<i><b>2012</b></i>	<i><b>2013</b></i>
<i>Nivå 1-tidsskrifter</i>	45	64
<i>Nivå 2-tidsskrifter</i>	25	30
<i>Sum antall publiseringer</i>	70	94
<i>Andel på nivå 2 (%)</i>	35,7	31,9

*Publiseringer av FFI-forskere samlet*

<i><b>Avdelinger</b></i>	<i><b>Analyse</b></i>		<i><b>Ledelse</b></i>		<i><b>Land og luft</b></i>		<i><b>Maritime</b></i>		<i><b>Beskyttelse</b></i>	
	<i><b>2012</b></i>	<i><b>2013</b></i>	<i><b>2012</b></i>	<i><b>2013</b></i>	<i><b>2012</b></i>	<i><b>2013</b></i>	<i><b>2012</b></i>	<i><b>2013</b></i>	<i><b>2012</b></i>	<i><b>2013</b></i>
<i>Nivå 1</i>	2	12	6	4	12	12	9	8	20	26
<i>Nivå 2</i>	1	2	2	2	9	9	6	14	3	4
<i>Sum</i>	3	14	8	6	21	21	15	22	23	30
<i>Andel nivå 2 (%)</i>	33,3	14,3	25,0	33,3	42,9	42,9	40	63,6	13,0	13,3

*Publiseringer per avdelinger*

## 2 Oversikt 2012

Avdeling Analyse

Nivå 2:

**1. Hegghammer, Thomas.**

Islamism: Contested Perspectives on Political Islam. *Journal of Islamic Studies* 2012 ;Volum 23.(2) s. 252-254  
FFI

Nivå 1:

**1. Friedrich, Martin; Rapp, Markus; Blix, Tom Arild; Hoppe, Ulf-Peter; Torkar, Klaus; Robertson, Scott; Dickson, S; Lynch, K..**

Electron loss and meteoric dust in the mesosphere. *Annales Geophysicae* 2012 ;Volum 30.(10) s. 1495-1501  
FFI UiO

**2. Tønnessen, Truls.**

Brutal oppmerksomhet: Al-Qaida i Irak på nett: *Babylon - Nordisk tidsskrift for Midtøstenstudier* 2012 ;Volum 10.(1) s. 82-93  
FFI

Avdeling Ledelsessystemer

Nivå 2:

**1. Maseng, Torleiv; Landry, Randall; Young, Kenneth.**

Military communications. *IEEE Communications Magazine* 2012 ;Volum 50.(10) s. 36-36  
FFI

**2. Øyan, Mats Jørgen; Hamran, Svein-Erik; Hanssen, Leif; Berger, Tor; Plette-meier, Dirk.**

Ultrawideband Gated Step Frequency Ground-Penetrating Radar. *IEEE Transactions on Geoscience and Remote Sensing* 2012 ;Volum 50.(1) s. 212-220  
FFI

Nivå 1:

**1. Bezabih, Hemdan; Ellingsæter, Brage Høyland; Noll, Josef Alfons; Maseng, Torleiv.**

Digital Broadcasting: Increasing the Available White Space Spectrum Using TV Receiver Information. *IEEE Vehicular Technology Magazine* 2012 ;Volum 7.(1) s. 24-30  
FFI UiO UNIK

**2. Larsen, Erlend; Flathagen, Joakim; Pham, Vinh Quang; Landmark, Lars.**

Adapting OLSR for WSNs (iOLSR) Using Locally Increasing Intervals. *Sensors & Transducers Journal* 2012 ;Volum 14.(2) s. 254-268  
FFI

**3. Olsen, Karl Erik; Woodbridge, Karl.**

Performance of a Multiband Passive Bistatic Radar Processing Scheme - Part I. *IEEE Aerospace and Electronic Systems Magazine* 2012 ;Volum 27.(10) s. 16-25  
FFI

**4. Olsen, Karl Erik; Woodbridge, Karl.**

Performance of a Multiband Passive Bistatic Radar Processing Scheme - Part II. *IEEE Aerospace and Electronic Systems Magazine* 2012 ;Volum 27.(11) s. 4-14  
FFI

5. **Skjervold, Espen; Lund, Ketil; Hafsøe, Trude; Johnsen, Frank T..**  
Bandwidth optimizations for standards-based publish/subscribe in disadvantaged grids. *MILCOM IEEE Military Communications Conference 2012* s. -  
FFI
6. **Urke, Andreas R.; Bråten, Lars Erling; Øvsthus, Knut.**  
TCP challenges in hybrid military satellite networks; measurements and comparison. *MILCOM IEEE Military Communications Conference 2012* s. -  
FFI HIB

Avdeling Land- og luftsystemer:

Nivå 2:

1. **Coluccelli, Nicola; Fonnum, Helge; Haakestad, Magnus Willum; Gambetta, Alessio; Gatti, Davide; Marangoni, Marco; Laporta, Paolo; Galzerano, Gianluca.**  
250-MHz synchronously pumped optical parametric oscillator at 2.25–2.6  $\mu\text{m}$  and 4.1–4.9  $\mu\text{m}$ . *Optics Express* 2012 ;Volum 20.(20) s. 22042-22047  
FFI
2. **Haaland, Stein; Eriksson, Anders; Engwall, Erik; Lybekk, Bjørn; Nilsson, Hans; Pedersen, Arne; Svenes, Knut Ragnar; André, Mats; Förster, Matthias; Li, K.; Johnsen, Christine; Østgaard, Nikolai.**  
Estimating the capture and loss of cold plasma from ionospheric outflow. *Journal of Geophysical Research - Space Physics* 2012 ;Volum 117. s. -  
FFI UiB UiO
3. **Haaland, Stein; Svenes, Knut Ragnar; Lybekk, Bjørn; Pedersen, Arne.**  
A survey of the polar cap density based on Cluster EFW probe measurements: Solar wind and solar irradiation dependence. *Journal of Geophysical Research - Space Physics* 2012 ;Volum 117.  
FFI UiB UiO
4. **Lybekk, Bjørn; Pedersen, Arne; Haaland, Stein; Svenes, Knut Ragnar; Fazakerley, Andrew; Masson, Arnaud; Taylor, M G G T; Trotignon, J-G.**  
Solar cycle variations of the Cluster spacecraft potential and its use for electron density estimations. *Journal of Geophysical Research - Space Physics* 2012 ;Volum 117.  
FFI UiO
5. **Skaar, Johannes; Haakestad, Magnus Willum.**  
Inverse scattering of dispersive stratified structures. *Journal of the Optical Society of America. B, Optical physics* 2012 ;Volum 29.(9) s. 2438-2445  
FFI NTNU UNIK
6. **Skauli, Torbjørn.**  
An upper-bound metric for characterizing spectral and spatial coregistration errors in spectral imaging. *Optics Express* 2012 ;Volum 20.(2) s. 918-933  
FFI
7. **Sollund, Tomas; Leib, Harry.**  
Feedback Communication with Reduced Delay over Noisy Time-Dispersive Channels. *IEEE Transactions on Communications* 2012 ;Volum 60.(3) s. 688-705  
FFI
8. **Vicario, Carlo; Trisorio, Alexandre; Arisholm, Gunnar; Hauri, Christoph P..**  
Deep-ultraviolet picosecond flat-top pulses by chirp-matched sum frequency generation. *Optics Letters* 2012 ;Volum 37.(10) s. 1619-1621  
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- 9. Øyan, Mats Jørgen; Hamran, Svein-Erik; Hanssen, Leif; Berger, Tor; Plettemeier, Dirk.**  
Ultrawideband Gated Step Frequency Ground-Penetrating Radar. *IEEE Transactions on Geoscience and Remote Sensing* 2012 ;Volum 50.(1) s. 212-220  
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- 1. Akhtar, Jabran.**  
Combined Transmitter selection and Pulse Precoding for MIMO Radar Systems. *IEEE Radar Conference. Proceedings 2012* s. -  
FFI
- 2. Berger, Tor; Hamran, Svein-Erik.**  
Experiments with autofocus for strip map synthetic aperture radar data. *IEEE Radar Conference. Proceedings 2012* s. -  
FFI
- 3. Farsund, Øystein; Rustad, Gunnar; Skogan, Gunnar.**  
Standoff detection of biological agents using laser induced fluorescence - a comparison of 294 nm and 355 nm excitation wavelengths. *Biomedical Optics Express* 2012 ;Volum 3.(11) s. 2964-2975  
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- 4. Hannevik, Tonje Nanette.**  
Multi-channel and multi-polarisation ship detection. *IEEE Geoscience and Remote Sensing Letters* 2012 s. 5149-5152  
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- 5. Heen, Lars Trygve; Rheenen, Arthur Dirk Van; Brendhagen, Erik.**  
Measurements of IR propagation in the marine boundary layer during the September 2011 SQUIRREL trial. *Proceedings of SPIE, the International Society for Optical Engineering* 2012 ;Volum 8535. s. -  
FFI
- 6. Lippert, Espen; Fonnum, Helge; Stenersen, Knut.**  
Fiber laser pumped high energy cryogenically cooled Ho:YLF laser. *Proceedings of SPIE, the International Society for Optical Engineering* 2012 ;Volum 8543:IX, 854308. s. -  
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- 7. Nielsen, Renie Kristina Birkedal; Norby, Poul; Kongshaug, Kjell Ove; Fjellvåg, Helmer.**  
Synthesis, crystal structure and thermal properties of Ca-  
 $6(\text{C}_{12}\text{H}_{14}\text{O}_4)_4(\text{CO}_3)(\text{OH})(2)(\text{H}_2\text{O})(x)$  - a 3D inorganic hybrid material. *Dalton Transactions* 2012 ;Volum 41.(39) s. 12082-12089  
FFI UiO
- 8. Schneevoigt, Nora Jennifer; Sund, Monica; Bogren, Wiley Steven; Käåb, Andreas; Weydahl, Dan Johan.**  
Glacier displacement on Comfortlessbreen, Svalbard, using 2-pass differential SAR interferometry (DInSAR) with a digital elevation model. *Polar Record* 2012 ;Volum 48.(244) s. 17-25  
FFI UiO
- 9. Torkar, Klaus; Tajmar, Martin; Escoubet, C P; Svenes, Knut Ragnar.**  
Active spacecraft potential control for the Magnetospheric Multiscale Mission. *IEEE Transactions on Plasma Science* 2012 ;Volum 40.(2) s. 394-401  
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- 10. Velluet, Marie Therese; Vorontsov, Michael; Schwering, Piet; Marchi, Gabriele; Nicolas, Stephane; Riker, Jim.**

Turbulence characterization and image processing data sets from a NATO RTO SET 165 trial in Dayton, Ohio, USA. *Proceedings of SPIE, the International Society for Optical Engineering* 2012  
FFI

- 11. Weydahl, Dan Johan; Eldhuset, Knut.**  
Georeferencing and coherent change detection of high-resolution COSMO/SkyMed images. *IEEE Geoscience and Remote Sensing Letters* 2012 s. 4537-4540  
FFI
- 12. Weydahl, Dan Johan; Eldhuset, Knut; Dick, Øystein B.; Olsen, Bjarne Langmoen.**  
Georeferencing, feature extraction and change detection in harbour and city areas using high-resolution satellite SAR images acquired from multiple sensors. *IEEE Geoscience and Remote Sensing Letters* 2012 s. 7452-7455  
FFI UMB

Avdeling Maritime systemer

Nivå 2:

- 1. Blomberg, Ann Elisabeth Albright; Austeng, Andreas; Hansen, Roy Edgar.**  
Adaptive beamforming applied to a cylindrical sonar array using an interpolated array transformation. *IEEE Journal of Oceanic Engineering* 2012 ;Volum 37.(1) s. 25-34  
FFI UiO
- 2. Chand, Shyam; Thorsnes, Terje; Rise, Leif; Brunstad, Harald; Stoddart, Daniel; Bøe, Reidulv; Lågstad, Petter Arthur; Svolsbru, Torgeir.**  
Multiple episodes of fluid flow in the SW Barents Sea (Loppa High) evidenced by gas flares, pockmarks and gas hydrate accumulation. *Earth and Planetary Science Letters* 2012 ;Volum 331. s. 305-314  
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- 3. Doksæter, Lise Henriksen; Handegard, Nils Olav; Godø, Olav Rune; Kvadsheim, Petter Helgevold; Nordlund, Nina.**  
Behavior of captive herring exposed to naval sonar transmissions (1.0-1.6 kHz) throughout a yearly cycle. *Journal of the Acoustical Society of America* 2012 ;Volum 131.(2) s. 1632-1642  
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- 4. Doksæter, Lise Henriksen; Kvadsheim, Petter Helgevold; Handegard, Nils Olav; Nordlund, Nina; Godø, Olav Rune.**  
Behavioral Responses of Captive Herring to Sonar Signals (1-1.6 kHz) of a Naval Frigate Throughout a Yearly Cycle. *Journal of the Acoustical Society of America* 2012 ;Volum 131. s. 1632-1642  
FFI HAVFORSK
- 5. Hooker, SK; Fahlman, A; Moore, MJ; de Soto, NA; de Quiros, YB; Brubakk, Alf O; Costa, DP; Costidis, AM; Dennison, S; Falke, KJ; Fernandez, A; Ferrigno, M; Fitz-Clarke, JR; Garner, MM; Houser, DS; Jepson, PD; Ketten, DR; Kvadsheim, Petter Helgevold; Madsen, PT; Pollock, NW; Rotstein, DS; Rowles, TK; Simmons, SE; Van Bonn, W; Weathersby, PK; Weise, MJ; Williams, TM; Tyack, PL.**  
Deadly diving? Physiological and behavioural management of decompression stress in diving mammals. *Proceedings of the Royal Society of London. Biological Sciences* 2012 ;Volum 279.(1731) s. 1041-1050  
FFI NTNU
- 6. Jensen, Jan Kristian; Hjelmervik, Karl Thomas; Østenstad, Petter.**  
Finding Acoustically Stable Areas Through Empirical Orthogonal Function (EOF) Classification. *IEEE Journal of Oceanic Engineering* 2012 ;Volum 37.(1) s. 103-111  
FFI NTNU UiB

Nivå 1:

- 1. Breivik, Øyvind; Bekkvik, Tor Christian; Wettre, Cecilie Drabløs; Ommundsen, Atle.**  
BAKTRAK: Backtracking drifting objects using an iterative algorithm with a forward trajectory model. *Ocean Dynamics* 2012 ;Volum 62.(2) s. 239-252  
CMR FFI UiB
- 2. Curé, Charlotte; Antunes, Ricardo; Samarra, Filipa; Alves, Ana Catarina; Visser, Fleur; Kvadsheim, Petter Helgevold; Miller, Patrick J.O..**  
Pilot Whales Attracted to Killer Whale Sounds: Acoustically-Mediated Interspecific Interactions in Cetaceans. *PLoS ONE* 2012 ;Volum 7.(12)  
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- 3. Doksæter, Lise Henriksen; Kvadsheim, Petter Helgevold; Ainslie, Michael; Solow, Andrew; Handegard, Nils Olav; Nordlund, Nina; Lam, Frans-Peter A..**  
Impact of naval sonar signals on Atlantic herring (*Clupea harengus*) during summer feeding. *ICES Journal of Marine Science* 2012 ;Volum 69.(6) s. 1078-1085  
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- 4. Doksæter, Lise Henriksen; Kvadsheim, Petter Helgevold; Fahlman, Andreas; Lam, Frans-Peter A.; Tyack, Peter L.; Miller, Patrick J.O..**  
Changes in dive behavior during sonar exposure in killer whales, pilot whales and sperm whales.. *Frontiers in Physiology* 2012 ;Volum 3.  
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- 5. Hagen, Ove Kent; Ånonsen, Kjetil Bergh; Sæbø, Torstein Olsmo.**  
Low-Altitude Terrain Navigation for Underwater Vehicles - Integration of an Interferometric Side Scan Sonar Improves Terrain Navigation in Low-Altitude Scenarios. *Sea Technology* 2012 ;Volum 53.(6) s. 10-13  
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Classification of acoustically stable areas using empirical orthogonal functions. *Ocean Dynamics* 2012 ;Volum 62.(2) s. 253-264  
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- 7. Kvadsheim, Petter Helgevold; Miller, Patrick J.O.; Tyack, Peter L.; Doksæter, Lise Henriksen; Lam, Frans-Peter A.; Fahlman, Andreas.**  
Estimated tissue and blood N<sub>2</sub> levels and risk of in vivo bubble formation in deep-, intermediate and shallow diving toothed whales during exposure to naval sonar.. *Frontiers in Physiology* 2012 ;Volum 3.  
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- 8. Miller, Patrick J.O.; Kvadsheim, Petter Helgevold; Lam, Frans-Peter A.; Wensveen, Paul; Antunes, Ricardo; Alves, Ana Catarina; Visser, Fleur; Kleivane, Lars; Tyack, Peter Lloyd; Doksæter, Lise Henriksen.**  
The severity of behavioral changes observed during experimental exposures of killer (Orcinus orca), long-finned pilot (Globicephala melas), and sperm whales (Physeter macrocephalus) to naval sonar.. *Aquatic Mammals* 2012 ;Volum 38.(4) s. 362-401  
FFI HAVFORSK
- 9. Syre Wiig, Martin; Krogstad, Thomas Røbekk; Midtgaard, Øivind.**  
Autonomous identification planning for mine countermeasures. *Proceedings of the Symposium on Autonomous Underwater Vehicle Technology* 2012 s. -  
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Avdeling Beskyttelse

Nivå 2:

1. **Dybwad, Marius; Granum, Per Einar; Bruheim, Per; Blatny, Janet Martha.**  
Characterization of airborne bacteria at an underground subway station. *Applied and Environmental Microbiology* 2012 ;Volum 78.(6) s. 1917-1929  
FFI NTNU NVH
2. **Elboth, Thomas; Reif, Bjørn Anders Pettersson; Andreassen, Øyvind; Martell, Michael B..**  
Flow noise reduction from superhydrophobic surfaces. *Geophysics* 2012 ;Volum 77.(1) s. P1-P10  
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3. **Mariussen, Espen; Ljønes, Marita; Strømseng, Arnljot Einride.**  
Use of sorbents for purification of lead, copper and antimony in runoff water from a small arms shooting range. *Journal of Hazardous Materials* 2012 ;Volum 243. s. 95-104  
FFI

Nivå 1:

1. **Antonioni, G.; Burkhart, S.; Burman, J.; Dejoan, A.; Fusco, A.; Gaasbeek, R.; Gjesdal, Thor; Jäppinen, A.; Riikonen, K.; Morra, P.; Parrnhed, O.; Santiago, J.L..**  
Comparison of CFD and operational dispersion models in an urban-like environment. *Atmospheric Environment* 2012 ;Volum 47. s. 365-372  
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2. **Farsund, Øystein; Rustad, Gunnar; Skogan, Gunnar.**  
Standoff detection of biological agents using laser induced fluorescence - a comparison of 294 nm and 355 nm excitation wavelengths. *Biomedical Optics Express* 2012 ;Volum 3.(11) s. 2964-2975  
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3. **Fossum, Hannibal Eie; Reif, Bjørn Anders Pettersson; Tutkun, Murat; Gjesdal, Thor.**  
On the Use of Computational Fluid Dynamics to Investigate Aerosol Dispersion in an Industrial Environment: A Case Study. *Boundary-layer Meteorology* 2012 ;Volum 144.(1) s. 21-40  
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4. **Fredriksen, Kim Alex; Kristensen, Tor Erik Holt; Hansen, Tore.**  
Combined bead polymerization and Cinchona organocatalyst immobilization by thiol-ene addition. *Beilstein Journal of Organic Chemistry* 2012 ;Volum 8. s. 1126-1133  
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5. **Frømyr, Tomas Roll; Hansen, Finn Knut; Olsen, Torbjørn.**  
The Optimum Dispersion of Carbon Nanotubes for Epoxy Nanocomposites: Evolution of the Particle Size Distribution by Ultrasonic Treatment. *Journal of Nanotechnology* 2012  
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6. **Fykse, Else-Marie; Nilsen, Trine; Nielsen, Agnete Dessen; Tryland, Ingun; Delacroix, Stephanie; Blatny, Janet Martha.**  
Real-time PCR and NASBA for rapid and sensitive detection of *Vibrio cholerae* in ballast water. *Marine Pollution Bulletin* 2012 ;Volum 64.(2) s. 200-206  
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7. **Landsem, Eva; Jensen, Tomas Lunde; Hansen, Finn Knut; Kristensen, Tor Erik Holt; Unneberg, Erik.**  
Mechanical Properties of Smokeless Composite Rocket Propellants Based on Prilled Ammonium Dinitramide. *Propellants, explosives, pyrotechnics* 2012 ;Volum 37.(6) s. 691-698  
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Neutral Polymeric Bonding Agents (NPBA) and Their Use in Smokeless Composite Rocket Propellants Based on HMXGAP- BuNENA. *Propellants, explosives, pyrotechnics* 2012 ;Volum 37.(5) s. 581-591  
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- 9. Larsen, Erlend; Flathagen, Joakim; Pham, Vinh Quang; Landmark, Lars.**  
Adapting OLSR for WSNs (iOLSR) Using Locally Increasing Intervals. *Sensors & Transducers Journal* 2012 ;Volum 14.(2) s. 254-268  
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- 10. LUNDELAND, BÅRD; Gundersen, Yngvar; Opstad, Per Kristian; Thrane, Ingjerd; Zhang, Yan; Olaussen, Richard W; Vaagenes, Per.**  
One week of multifactorial high-stress military ranger training affects Gram-negative signalling. *Scandinavian Journal of Clinical and Laboratory Investigation* 2012 ;Volum 72.(7) s. 547-554  
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Moderate temperature alterations affect Gram-negative immune signalling in ex vivo whole blood. *Scandinavian Journal of Clinical and Laboratory Investigation* 2012 ;Volum 72.(3) s. 246-252  
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Role of the gerA operon in L-alanine germination of *Bacillus licheniformis* spores. *BMC Microbiology* 2012 ;Volum 12.  
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- 13. Madslie, Elisabeth; Olsen, Jaran Strand; Granum, Per Einar; Blatny, Janet Martha.**  
Genotyping of *B. licheniformis* based on a novel multi-locus sequence typing (MLST) scheme. *BMC Microbiology* 2012 ;Volum 12.(230)  
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- 14. Mariussen, Espen.**  
Neurotoxic effects of perfluoroalkylated compounds: mechanisms of action and environmental relevance. *Archives of Toxicology* 2012 ;Volum 86.(9) s. 1349-1367  
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- 15. Moxnes, John Fredrik; Hausken, Kjell.**  
Mathematical modelling of acute virus influenza A infections. *Mathematical and Computer Modelling of Dynamical Systems* 2012 ;Volum 18.(5) s. 521-538  
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- 16. Moxnes, John Fredrik; Hausken, Kjell; Sandbakk, Øyvind.**  
On the Kinetics of Anaerobic Power. *Theoretical Biology Medical Modelling* 2012 ;Volum 9.  
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Phenotypic and genetic analyses of 111 clinical and environmental O1, O139, and non-O1/O139 *Vibrio cholerae* strains from different geographical areas. *Epidemiology and*



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