



FFI-RAPPORT

16/01425

Oversikt over FFIs publisering i fagtidsskrifter 2015

—
Anne-Lise Hammer
Bjørg Uhlen Asphaug
Synnøve Eifring

Oversikt over FFIs publisering i fagtidsskrifter 2015

Anne-Lise Hammer
Björg Uhlen Asphaug
Synnøve Eifring

Emneord

Publisering
Tidsskrifter
Fagfelle vurdering

FFI-rapport:

FFI-RAPPORT 16/01425

Prosjektnummer

990400

ISBN

P: 978-82-464-2770-6

E: 978-82-464-2771-3

Godkjent av

Anne-Lise Hammer, *kommunikasjonssjef*

Jan Erik Torp, *stabssjef*

Sammendrag

Rapporten gir en oversikt over FFI-forskeres publisering i fagtidsskrifter med fagfelleevaluering i 2015. 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 høgskole (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 steget fra 2014 til 2015. Andel FFI-publiseringer i tidsskrifter på høyeste faglige nivå er sunket, og er noe lavere enn gjennomsnittet, som er 20 prosent.

Summary

This report gives an overview of publications in peer reviewed scientific journals published by FFI researchers in 2015. The overview is retrieved from the Norwegian publications database Current Research Information System in Norway (CRISTin), 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 2014 to 2015. The percentage of publications on level 2 is a little lower, and is lower than the average, which is 20 percent.

Innhold

Sammendrag	3
Summary	4
1 Innledning	7
2 Uttak av informasjon	7
2.1 Statistisk oversikt tidsskriftartikler fordelt på nivå 1 og nivå 2	8
2.2 Statistisk oversikt over vitenskapelig del av bok/rapport/kapittel fordelt på nivå 1 og nivå 2	8
3 Oversikt 2015	9
3.1 Avdeling Analyse	9
3.2 Avdeling Cybersystemer og elektronisk krigføring	10
3.3 Avdeling Landsystemer	12
3.4 Avdeling Maritime systemer	13
3.5 Avdeling Luft- og romsystemer	16
3.6 Avdeling Beskyttelse og samfunnssikkerhet	17
4 Vitenskapelig bok, del av bok og rapport 2015	19
4.1 Avdeling Analyse	19
4.2 Avdeling Cybersystemer og elektronisk krigføring	21
4.3 Avdeling Landsystemer	23
4.4 Avdeling Maritime systemer	23
4.5 Avdeling Luft- og romsystemer	24
4.6 Avdeling Beskyttelse og samfunnssikkerhet	24
5 Siteringer	25
5.1 Sammenliknende statistikk siteringer siste fem år	25
5.2 Oversikt over FFIs ti mest siterte artikler de siste fem årene	27



1 Innledning

Rapporten gir en oversikt over FFI-forskeres publisering i fagtidsskrifter med fagfelleevaluering i året 2015. Oversikten er hentet 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. CRISStin blir driftet av Universitetet i Oslo.

Oversikten viser fordeling på nivå 1- og nivå 2-tidsskrifter og avdelinger. Nivå 1 er normalt vitenskapelig nivå mens nivå 2 er de 20 prosent av tidsskriftene som har høyest prestisje.

FFI-forskere publiserer også en del konferanseartikler og kapitler i bøker og rapporter som kan være på nivå 1 eller 2. Disse er tatt med i en egen oversikt i denne rapporten.

2 Uttak av informasjon

I forbindelse med FFIs årsrapportering for 2015 ble data hentet ut fra CRISStin 9. januar 2016 og det ble rapportert 78 FFI-publiseringer totalt i fagtidsskrifter med fagfelleevaluering. Dataene i denne rapporten er tatt ut 1. april og vil derfor være forskjellige fra de i årsrapporten.

Hvert år sender alle forskningsinstitusjoner i Norge inn publikasjonstall til Norsk vitenskapsindeks (NVI), dvs. den norske publiseringsstatistikken. Disse tallene tas ut og sendes i april i det etterfølgende året og blir brukt av myndigheter og Forskningsrådet som grunnlag for politikk og forvaltning. Listene i denne rapporten er tatt ut 1. april 2016, samme dag som tallene til NVI-statistikken ble sendt inn.

2.1 Statistisk oversikt tidsskriftartikler fordelt på nivå 1 og nivå 2

<i>Fagtidsskrifter med fagfelleevaluering</i>	<i>2012</i>	<i>2013</i>	<i>2014</i>	<i>2015</i>
<i>Nivå 1-tidsskrifter</i>	<i>45</i>	<i>64</i>	<i>56</i>	<i>64</i>
<i>Nivå 2-tidsskrifter</i>	<i>23</i>	<i>30</i>	<i>15</i>	<i>14</i>
<i>Sum antall publiseringer</i>	<i>70</i>	<i>94</i>	<i>71</i>	<i>78</i>
<i>Andel på nivå 2 (%)</i>	<i>35,7</i>	<i>31,9</i>	<i>21,1</i>	<i>17,9</i>

Publiseringer av FFI-forskere samlet

<i>Avdelinger</i>	<i>Analyse</i>	<i>Cybersystemer og EK</i>	<i>Landsystemer</i>	<i>Luft- og romsystemer</i>	<i>Maritime systemer</i>	<i>Beskyttelse og samfunns-sikkerhet</i>
<i>Nivå 1</i>	<i>7</i>	<i>16</i>	<i>10</i>	<i>9</i>	<i>8</i>	<i>14</i>
<i>Nivå 2</i>	<i>0</i>	<i>3</i>	<i>0</i>	<i>1</i>	<i>8</i>	<i>2</i>
<i>Sum</i>	<i>7</i>	<i>19</i>	<i>10</i>	<i>10</i>	<i>16</i>	<i>16</i>
<i>Andel nivå 2 (%)</i>	<i>0</i>	<i>15,8</i>	<i>0</i>	<i>10</i>	<i>50</i>	<i>12,5</i>

Publiseringer per avdeling i 2015

2.2 Statistisk oversikt over vitenskapelig del av bok/rapport/kapittel fordelt på nivå 1 og nivå 2

<i>Vitenskapelig del av bok/rapport/kapittel</i>	<i>2014</i>	<i>2015</i>
<i>Nivå 1 bok/rapport/kapittel</i>	<i>13</i>	<i>27</i>
<i>Nivå 2 bok/rapport/kapittel</i>	<i>2</i>	<i>7</i>
<i>Sum</i>	<i>15</i>	<i>34</i>
<i>Andel nivå 2 (%)</i>	<i>13,3</i>	<i>20,6</i>

Publiseringer av FFI-forskere samlet

<i>Avdelinger</i>	<i>Analyse</i>	<i>Cyber-systemer og EK</i>	<i>Land-systemer</i>	<i>Luft- og romsystemer</i>	<i>Maritime systemer</i>	<i>Beskyttelse og samfunns-sikkerhet</i>
<i>Nivå 1</i>	6	14	1	1	4	1
<i>Nivå 2</i>	7	0	0	0	0	0
<i>Sum</i>	13	14	1	1	4	1
<i>Andel nivå 2 (%)</i>	53,8	0	0	0	0	0

Publiseringer per avdeling i 2015

3 Oversikt 2015

3.1 Avdeling Analyse

3.1.1 Nivå 1:

Bukkvoll, Tor.

Military Innovation Under Authoritarian Government – the Case of Russian Special Operations Forces. *Journal of Strategic Studies* 2015; Volum 38.(5) s. 602-625, FFI

Enstad, Johannes Due.

"Glory to Breivik! the Russian Far Right and the 2011 Norway Attacks. *Terrorism and Political Violence* 201, FFI

Hognaland, Ingrid; Saebi, Tina.

Business model selection and innovation: an empirical investigation of the Norwegian newspaper industry. *Beta. Scandinavian Journal of Business Research* 201; Volum 29.(1) s. 49-73, FFI NHH

Keenan, Marla; Beadle, Alexander William.

Operationalizing Protection of Civilians in NATO Operations. *Stability: International Journal of Security & Development* 2015 ;Volum 4.(1), FFI

Knutsen, Bjørn Olav.

Er Nato en effektiv allianse? Om forholdet mellom kollektivt forsvar og internasjonale operasjoner. *Internasjonal Politikk* 2015; Volum 73.(3), FFI

Nesser, Petter; Hegghammer, Thomas.

Assessing Islamic State's Commitment to Attacking the West. *Perspectives on Terrorism* 2015 ; Volum 9.(4) s. 14-30, FFI UiO

Ravndal, Jakob Aasland.

Thugs or Terrorists? A Typology of Right-Wing Terrorism in Western Europe. *Journal for Deradicalization* 2015 (3) s. 1-38, FFI

3.2 Avdeling Cybersystemer og elektronisk krigføring

3.2.1 Nivå 2:

Acuna, Silvia T.; Gomez, Marta N.; Hannay, Jo Erskine; Juristo, Natalia; Pfahl, Dietmar.

Are team personality and climate related to satisfaction and software quality? Aggregating results from a twice replicated experiment. *Information and Software Technology* 2015; Volum 57. s. 141-156, FFI

Brannsten, Marianne Rustad; Johnsen, Frank T.; Bloebaum, Trude Hafsøe; Lund, Ketil.

Toward federated mission networking in the tactical domain. *IEEE Communications Magazine* 2015; Volum 53.(10) s. 52-58, FFI

Maseng, Torleiv; Randall, Landry.

Military communications [Guest Editorial]. *IEEE Communications Magazine* 2015; Volum 53.(10) s. 22-23, FFI

3.2.2 Nivå 1:

Bergh, Arild.

The final destination: building test bed apps for DIL environments. *IEEE Vehicular Technology Conference (VTC) Proceedings* 2015; Volum 2015., FFI

Bloebaum, Trude Hafsøe; Johnsen, Frank T.

Evaluating publish/subscribe approaches for use in tactical broadband networks. *MILCOM IEEE Military Communications Conference* 2015 s. 605-610, FFI

Bloebaum, Trude Hafsøe; Johnsen, Frank T.

Exploring SOAP and REST communication on the Android platform. *MILCOM IEEE Military Communications Conference* 2015 s. 599-604, FFI

Brannsten, Marianne Rustad.

Federated single sign on in disconnected, intermittent and limited (DIL) networks. *IEEE Vehicular Technology Conference (VTC) Proceedings 2015*; Volum 2015, FFI

Elstad, Ann-Kristin; Reitan, Bård Karsten.

Mobile information platforms in the military domain. *NOKOBIT - Norsk konferanse for organisasjoners bruk av informasjonsteknologi 2015*, FFI

Fongen, Anders.

Trust Management in Cross Domain Operations. *MILCOM IEEE Military Communications Conference 2015* s. 935-940, FFI

Hagen, Janne Merete; Valdal, Anne-Kari; Pettersen, Kenneth Arne; Gjerstad, Brita.

Evaluation of comprehensive security systems for public transport - A methodological approach. *Journal of Risk Research 2015*; Volum 18.(7) s. 822-839, FFI IRIS UIS

Hammer, Hugo Lewi; Kongsgård, Kyrre Wahl; Yazidi, Anis; Bai, Aleksander; Nordbotten, Nils Agne; Engelstad, Paal E.

Automatic Security Classification by Machine Learning for Cross-Domain Information Exchange. *MILCOM IEEE Military Communications Conference 2015* s. 1590-1595, FFI HIOA UiO UNIK

Hovland, Harald

Spin scan tomographic imager. *Proceedings of SPIE, the International Society for Optical Engineering 2015* ;Volum 9451.(January) s. -, FFI

Jodalen, Vivianne; Pugh, Jeffrey; Vigneron, Phil.

Wideband Propagation Characteristics at 312 MHz in Eastern Norway and Impact on Waveform Requirements. *MILCOM IEEE Military Communications Conference 2015* s. 1673-1678, FFI

Korsnes, Monica Suarez; Korsnes, Reinert.

Lifetime distributions from tracking individual BC3H1 cells subjected to yessotoxin. *Frontiers in Bioengineering and Biotechnology 2015* ;Volum 3. s. -, BIOFORSK FFI NMBU

Landmark, Lars; Larsen, Erlend; Hauge, Mariann; Kure, Øivind.

Resilient internetwork routing over heterogeneous mobile military networks. *MILCOM IEEE Military Communications Conference 2015*, FFI NTNU

Manso, Marco; Calero, Jose maria alcaraz; Meiler, Peter-Paul; Chan, Kevin; Barz, Christoph; Owens, Ian; Sliwa, Joanna; Jansen, Norman; Wang, Qi; Bloebaum, Trude Hafsøe; Markarian, Garik; Johnsen, Frank T.

SOA and Wireless Mobile Networks in the Tactical Domain: Results from Experiments. *MILCOM IEEE Military Communications Conference 2015* s. 593-598, FFI

Maseng, Torleiv; Moxnes, John Fredrik.

Many Parents. *Brazilian journal of physics* 2015; Volum 45.(3) s. 321-324, FFI

Stolpe, Audun.

A concept approach to input/output logic. *Journal of Applied Logic* 2015 ;Volum 13.(3) s. 239-258
FFI

Tjelta, Terje; Mamen, Jostein; Bråten, Lars Erling; Grotthing, Per Arne.

Measured and modeled spatial rain rate correlation to improve the prediction method for satellite site diversity. *Radio Science* 2015 ;Volum 49.(12) s. 1232-1244, FFI UNIK

3.3 Avdeling Landsystemer

3.3.1 Nivå 1:

Hagen, Trond Heldal; Jensen, Tomas Lunde; Unneberg, Erik; Stenstrøm, Yngve; Kristensen, Tor Erik.

Curing of Glycidyl Azide Polymer (GAP) diol using isocyanate, isocyanate-free, synchronous dual, and sequential dual curing systems. *Propellants, explosives, pyrotechnics* 2015; Volum 40.(2) s. 275-284, FFI NMBU

Heinrich, Daniela; Selj, Gorm Krogh.

The effect of contrast in camouflage patterns on detectability by human observers and CAMAELEON. *Proceedings of SPIE, the International Society for Optical Engineering* 2015; Volum 9476.(947604), FFI

Lausund, Kristian Blindheim; Johnsen, Bernt Brønmo; Rahbek, Dennis Bo; Hansen, Finn Knut.

Surface treatment of alumina ceramic for improved adhesion to a glass fibre-reinforced polyester composite. *International Journal of Adhesion and Adhesives* 2015; Volum 63. s. 34-45, FFI UiO

Moxnes, John Fredrik; Børve, Steinar.

Simulation of natural fragmentation of rings cut from warheads. *Defence Technology* 2015; Volum 11.(4) s. 319-329, FFI

Moxnes, John Fredrik; Moen, Aina Elisabeth Fossum; Leegaard, Truls Michael.

Studying the time trend of Methicillinresistant Staphylococcus aureus (MRSA) in Norway by use of non-stationary γ -Poisson distributions. *BMJ Open* 2015; Volum 5.(10), AHUS FFI UiO

Selj, Gorm Krogh.

Disruptive camouflage tricks the human eye - a study of detection times of two near-similar targets in natural backgrounds. *Proceedings of SPIE, the International Society for Optical Engineering* 2015; Volum 9653, FFI

Selj, Gorm Krogh; Heinrich, Daniela.

Search by photo methodology for signature properties assessment by human observers. *Proceedings of SPIE, the International Society for Optical Engineering* 2015 ;Volum 9474. s. -, FFI

Selj, Gorm Krogh; Søderblom, Morten.

Discriminating between camouflaged targets by their time of detection by a human based observer assessment method. *Proceedings of SPIE, the International Society for Optical Engineering* 2015; Volum 9653, FFI

Thorvaldsen, Tom; Johnsen, Bernt Brønmo; Olsen, Torbjørn; Hansen, Finn Knut.

Investigation of Theoretical Models for the Elastic Stiffness of Nanoparticle-Modified Polymer Composites. *Journal of Nanomaterials* 2015 ;Volum 2015. s. 1-17, FFI UiO

Kristensen, Tor Erik.

Chemoselective O-acylation of hydroxyamino acids and amino alcohols under acidic reaction conditions: History, scope and applications. *Beilstein Journal of Organic Chemistry* 2015 ;Volum 11. s. 446-468, FFI

3.4 Avdeling Maritime systemer

3.4.1 Nivå 2:

Hansen, Roy Edgar; Lyons, Anthony P.; Sæbø, Torstein Olsmo; Callow, Hayden John; Cook, Daniel A.

The Effect of Internal Wave-Related Features on Synthetic Aperture Sonar. *IEEE Journal of Oceanic Engineering* 2015; Volum 40.(3) s. 621-631, FFI

Jenserud, Trond; Ivansson, Sven.

Measurements and modeling of effects of out-of-plane reverberation on the power delay profile for underwater acoustic channels. *IEEE Journal of Oceanic Engineering* 2015 ;Volum 40.(4) s. 807-821, FFI

Landmark, Knut; Solberg, Anne H Schistad; Albregtsen, Fritz; Austeng, Andreas; Hansen, Roy Edgar.

A Radon-Transform-Based Image Noise Filter - With Applications to Multibeam Bathymetry. *IEEE Transactions on Geoscience and Remote Sensing* 2015 ;Volum 53.(11) s. 6252-6273
FFI UiO

Otnes, Roald; Walree, Paul van; Buen, Helge; Song, Heechun.

Underwater Acoustic Network Simulation With Lookup Tables From Physical-Layer Replay. *IEEE Journal of Oceanic Engineering* 2015 ;Volum 40.(4) s. 822-840, FFI

Thon, Kevin Otto; Geilhufe, Marc; Percival, Donald B..

A multiscale wavelet-based test for isotropy of random fields on a regular lattice. *IEEE Transactions on Image Processing* 2015 ;Volum 24.(2) s. 694-708

FFI HN UiT UNN

Vestgården, Jørn Inge; Colauto, Fabiano; de Andrade, AMH; Oliveira, AAM; Ortiz, W. A.; Johansen, Tom Henning.

Cascade dynamics of thermomagnetic avalanches in superconducting films with holes. *Physical Review B. Condensed Matter and Materials Physics* 2015 ;Volum 92.(14) s. -, FFI UiO

3.4.2 Nivå 1:

Harris, Catriona M.; Sadykova, Dinara; DeRuiter, Stacy; Tyack, Peter L.; Miller, Patrick J.O.; Kvadsheim, Petter Helgevold; Lam, Frans-Peter A.; Thomas, Len.

Dose response severity functions for acoustic disturbance in cetaceans using recurrent event survival analysis. *Ecosphere* 2015 ;Volum 6.(11), FFI

Hjelmervik, Karl Thomas; Berg, Henrik; Sekse, Dan Henrik; Solberg, Tale.

A hybrid recorded-synthetic sonar data set for validation of ASW classification algorithms. *OCEANS* 2015 s. 1-5, FFI

Lam, Frans-Peter A.; Kvadsheim, Petter Helgevold.

Effects of Sound in the Ocean on Marine Mammals - ESOMM-2014 Conference. *Aquatic Mammals* 2015;Volum 41.(4) s. 355-356, FFI

Lønmo, Tor Inge Birkenes; Austeng, Andreas; Hansen, Roy Edgar.

Interference Rejection for Sonars via Low Complexity Adaptive Beamforming. *Proceedings of the Institute of Acoustics* 2015 ;Volum 37.(1) s. 207-214, FFI UiO

Miller, Patrick J.O.; Kvadsheim, Petter Helgevold; Lam, Frans-Peter A.; Tyack, Peter L.; Curé, Charlotte; DeRuiter, Stacy; Kleivane, Lars; Sivle, Lise Doksæter; van IJsselmuide, Sander P; Visser, Fleur; Wensveen, Paul J.; von Benda-Beckmann, Alexander M.; López, L Martin; Narazaki, T; Hooker, S..

First indications that northern bottlenose whales are sensitive to behavioural disturbance from anthropogenic noise. *Royal Society Open Science* 2015 ;Volum 2, FFI HAVFORSK

Sivle, Lise Doksæter; Kvalsheim, Petter Helgevold; Curé, Charlotte; Isojunno, Saana; Wensveen, Paul; Lam, Frans-Peter A.; Visser, Fleur; Kleivane, Lars; Tyack, Peter L.; Harris, Catriona M.; Miller, Patrick J.O..

Severity of expert-identified behavioural responses of humpback whale, minke whale and northern bottlenose whale to naval sonar. *Aquatic Mammals* 2015 ;Volum 41.(4) s. 469-502, FFI HAVFORSK

Syre Wiig, Martin; Pettersen, Kristin Ytterstad; Krogstad, Thomas Røbekk.

Uniform Semiglobal Exponential Stability of Integral Line-of-Sight Guidance Laws. *Elsevier IFAC Publications / IFAC Proceedings series* 2015 s. 61-68, FFI NTNU

Wensveen, Paul J.; von Benda-Beckmann, Alexander M.; Ainslie, Michael A.; Lam, Frans-Peter A.; Kvalsheim, Petter Helgevold; Tyack, Peter L.; Miller, Patrick J.O..

How effectively do horizontal and vertical response strategies of long-finned pilot whales reduce sound exposure from naval sonar? *Marine Environmental Research* 2015; Volum 106.(1) s. 68-81, FFI

3.5 Avdeling Luft- og romsystemer

3.5.1 Nivå 2:

Floor, Pål Anders; Chavez-Santiago, Raul; Brovoll, Sverre; Aardal, Øyvind; Bergsland, Jacob; Grymyr, Ole-Johannes; Halvorsen, Per Steinar; Palomar, Rafael; Plettmeier, Dirk; Hamran, Svein-Erik; Ramstad, Tor Audun; Balasingham, Ilango.

In-body to on-body Ultrawideband propagation model derived from measurements in living animals. *IEEE journal of biomedical and health informatics* 2015 ;Volum 19.(3) s. 938-948

FFI HIG NTNU OUS UiO

3.5.2 Nivå 1:

Aardal, Øyvind; Brovoll, Sverre; Paichard, Yoann; Berger, Tor; Lande, Tor Sverre; Hamran, Svein-Erik.

Radar sensitivity to human heartbeats and respiration. *Proceedings of SPIE, the International Society for Optical Engineering* 2015 ;Volum 9461, FFI UiO

Berger, Tor; Hamran, Svein-Erik.

Harmonic Synthetic Aperture Radar Processing. *IEEE Geoscience and Remote Sensing Letters* 2015 ;Volum 12.(10) s. 2066-2069, FFI UiO

Bjørndal, Øystein; Hamran, Svein-Erik; Lande, Tor Sverre.

UWB waveform generator for digital CMOS radar. I: *Circuits and Systems (ISCAS), 2015 IEEE International Symposium on*. IEEE conference proceedings 2015 ISBN 978-1-4799-8391-9. s. 1510-1513, FFI UiO

GREIDANUS, Herman; ALVAREZ, Marlene; Eriksen, Torkild; GAMMIERI, Vincenzo.

Completeness and Accuracy of a Wide-Area Maritime Situational Picture based on Automatic Ship Reporting Systems. *Journal of navigation (Print)* 2015 ;Volum 69.(01) s. -, FFI

Lausund, Kristian Blindheim; Johnsen, Bernt Brønmo; Rahbek, Dennis Bo; Hansen, Finn Knut.

Surface treatment of alumina ceramic for improved adhesion to a glass fibre-reinforced polyester composite. *International Journal of Adhesion and Adhesives* 2015 ;Volum 63. s. 34-45, FFI UiO

Nystad, Helle Emilia; Haakestad, Magnus Willum; Rheenen, Arthur Dirk van.

Robust identification of concealed dangerous substances using THz imaging spectroscopy. *Proceedings of SPIE, the International Society for Optical Engineering* 2015 ;Volum 9483.

FFI

Solberg, Lars Erik; Aardal, Øyvind; Berger, Tor; Balasingham, Ilangko; Fosse, Erik; Hamran, Svein-Erik.

Experimental investigation into radar-based central blood pressure estimation. *IET radar, sonar & navigation* 2015 ;Volum 9.(2) s. 145-153, FFI NTNU OUS UiO

Storebø, Asta Katrine; Brudevoll, Trond.

Modeling of a Back-Illuminated HgCdTe MWIR Avalanche Photodiode with Alloy Gradients. *Journal of Physics, Conference Series* 2015 ;Volum 647.(012051), FFI

Vicario, Carlo; Monoszlai, B.; Arisholm, Gunnar; Hauri, CP.

Generation of 1.5-octave intense infrared pulses by nonlinear interactions in DAST crystal. *Journal of Optics* 2015 ;Volum 17.(9), FFI

3.6 Avdeling Beskyttelse og samfunnssikkerhet

3.6.1 Nivå 2:

Hassel, Bjørnar; Elsaï, Ahmed; Frøland, Anne Sofie; Taubøll, Erik; Gjerstad, Leif; Quan, Yi; Dingleline, Raymond; Rise, Frode.

Uptake and metabolism of fructose by rat neocortical cells in vivo and by isolated nerve terminals in vitro. *Journal of Neurochemistry* 2015 ;Volum 133.(4) s. 572-581
FFI OUS UiO

Wingstedt, Emma My Maria; Fossum, Hannibal Eie; Reif, Bjørn Anders Pettersson; Werne, Joseph.

Anisotropy and shear-layer edge dynamics of statistically unsteady, stratified turbulence. *Physics of fluids* 2015; Volum 27.(6), FFI UiO UNIK

3.6.2 Nivå 1:

Breivik, Torbjørn; Gundersen, Yngvar; Murison, Robert; Turner, Jonathan D.; Muller, Claude P.; Gjermo, Per E; Opstad, Per Kristian.

Maternal deprivation of Lewis rat pups increases the severity of experimental periodontitis in adulthood. *Open Dentistry Journal* 2015; Volum 9.(1) s. 65-78, FFI UiB UiO

Dahlberg, Daniel; Ivanovic, Jugoslav; Hassel, Bjørnar.

Toxic levels of ammonia in human brain abscess. *Journal of Neurosurgery* 2015
FFI OUS

Dahlberg, Daniel; Ivanovic, Jugoslav; Mariussen, Espen; Hassel, Bjørnar.

High extracellular levels of potassium and trace metals in human brain abscess. *Neurochemistry International* 2015; Volum 82. s. 28-32, FFI OUS

Dahlberg, Daniel; Mariussen, Espen; Goverud, Ingeborg Løstegaard; Tonjum, Tone; Mæhlen, Jan; Antal, Ellen-Ann; Hassel, Bjørnar.

Staphylococcal α -hemolysin is neurotoxic and causes lysis of brain cells in vivo and in vitro.

Neurotoxicology 2015; Volum 48. s. 61-67, FFI OUS

Frømyr, Tomas Roll; Bourgeaux-Goget, Marie; Hansen, Finn Knut.

A comparative study of the dispersion of multi-wall carbon nanotubes made by arc-discharge and chemical vapour deposition. *Journal of Nanoscience and Nanotechnology* 2015 ;Volum 15.(5) s. 3496-3506, FFI UiO

Fykse, Else-Marie; Tjärnhage, Torbjörn; Humppi, Tarmo; Eggen, Vilde Sørvik; Ingebretsen, André; Skogan, Gunnar; Olofsson, Göran; Wästerby, Pär; Gradmark, Per-Åke; Larsson, Anders; Dybwad, Marius; Blatny, Janet Martha.

Identification of airborne bacteria by 16S rDNA sequencing, MALDI-TOF MS and the MIDI microbial identification system. *Aerobiologia* 2015 ;Volum 31.(3) s. 271-281, FFI OUS

Heimstad, Eldbjørg Sofie; Grønstøl, Gaute; Hetland, Karl Torstein; Alarcon, Javier Martinez; Rylander, Charlotta; Mariussen, Espen.

A survey of dioxin-like contaminants in fish from recreational fishing. *Environmental Monitoring & Assessment* 2015 ;Volum 187:509.(8) s. -, FFI NILU UiB UiO UiT

Landin, Maria Augusta Dos S Silva; Mariussen, Espen; Nygård, Ståle; Berger, Urs; Osmundsen, Harald.

Effects of HBCD on hepatic gene expression of wilde-type and PPAR- α $-/-$ mice.. *Frontiers in Genetics* 2015 , FFI UiO

Mariussen, Espen; Johnsen, Ida Vaa; Strømseng, Arnljot Einride.

Selective adsorption of lead, copper and antimony in runoff water from a small arms shooting range with a combination of charcoal and iron hydroxide. *Journal of Environmental Management* 2015; Volum 150. s. 281-287, FFI

Myhrer, Trond; Mariussen, Espen; Enger, Siri; Aas, Pål.

Supralethal poisoning by any of the classical nerve agents is effectively counteracted by procyclidine regimens in rats. *Neurotoxicology* 2015; Volum 50. s. 142-148, FFI

Ring, Avi; Strøm, Bjørn Oddvar; Turner, Simon R.; Timperley, Christopher M.; Bird, Michael; Green, A. Christopher; Chad, John E.; Worek, Franz; Tattersall, John E.H..

Bispyridinium compounds inhibit both muscle and neuronal nicotinic acetylcholine receptors in human cell lines. *PLoS ONE* 2015 ;Volum 10.(8), FFI

Rønning, Helene Thorsen; Madslie, Elisabeth Henie; Asp, Tone Normann; Granum, Per Einar.

Identification and quantification of lichenysin – a possible source of food poisoning. *Food Additives & Contaminants* 2015, FFI NMBU

Shegarfi, Hamid; Krohn, Claus Danckert; Gundersen, Yngvar; Kjeldsen, Signe Flood; Hviid, Claus Vinter Bødker; Ruud, Tom Erik; Aasen, Ansgar Oddne.

Regulation of CCN1 (Cyr61) in a porcine model of intestinal ischemia/reperfusion. *Innate Immunity* 2015 ;Volum 21.(5) s. 453-462, FFI OUS VV

Solyga, Volker; Western, Elin; Solheim, Hanne; Hassel, Bjørnar; Kerty, Emilia.

Posterior kortikal atrofi [Posterior cortical atrophy]. *Tidsskrift for Den norske legeförening* 2015; Volum 135.(10) s. 949-952, FFI OSTFSYK OUS UiO

4 Vitenskapelig bok, del av bok og rapport 2015

4.1 Avdeling Analyse

4.1.1 Nivå 2:

Beadle, Alexander William.

Protection of civilians as a new objective in military operations. I: *International Military Operations in the 21st Century: Global Trends and the Future of Intervention*. Routledge 2015 ISBN 978-1-13-881915-3. , FFI

Johansen, Iver.

Special operations forces - a weapon of choice for future operations?. I: *International Military Operations in the 21st Century: Global Trends and the Future of Intervention*. Routledge 2015 ISBN 978-1-13-881915-3. s. 97-115, FFI

Lien, Guro.

Military Advising and Assistance Operations. I: *International Military Operations in the 21st Century: Global Trends and the Future of Intervention*. Routledge 2015 ISBN 978-1-13-881915-3. s. 81-96, FFI

Norheim- Martinsen, Per Martin; Nyhamar, Tore Olav.

Conclusions: New Missions, New Tasks. I: *International Military Operations in the 21st Century: Global Trends and the Future of Intervention*. Routledge 2015 ISBN 978-1-13-881915-3. s. 215-231, FFI FORSV

Norheim- Martinsen, Per Martin; Nyhamar, Tore Olav.

International Military Operations in the 21st Century: Global Trends and the Future of Intervention. Routledge 2015 (ISBN 978-1-13-881915-3) 258 s., FFI FORSV

Nyhamar, Tore Olav.

Five Parameters for analysing international military operations. I: *International Military Operations in the 21st Century: Global Trends and the Future of Intervention*. Routledge 2015 ISBN 978-1-13-881915-3. s. 21-38, FFI

Nyhamar, Tore Olav.

Transnational Operations. I: *International Military Operations in the 21st Century: Global Trends and the Future of Intervention*. Routledge 2015 ISBN 978-1-13-881915-3. s. 155-173, FFI

4.1.2 Nivå 1:

Fridheim, Håvard; Birkemo, Gunn Alice; Rutledal, Frode.

Bridging the gap between long-term planning and short-term requirements: A risk-based perspective. I: *Safety and Reliability of Complex Engineered Systems*. CRC Press 2015 ISBN 9781138028791. s. 127-135, FFI

Rones, Nina.

Norwegian Defence Tradition - an Obstacle to Increased Participation by Women. I: *Military Women-The Achilles Heel in Defence Politics?* Abstrakt forlag 2015 ISBN 978-82-7935-370-6. s. 53-82, FFI

Rones, Nina; Kari, Fasting.

Aspirant's Judgment of their Squad-buddies' Leadership Potential. I: *Military Women-The Achilles Heel in Defence Politics?* Abstrakt forlag 2015 ISBN 978-82-7935-370-6. s. 133-168
FFI NIH

Steder, Frank Brundtland.

Military Women-The Achilles Heel in Defence Politics? Abstrakt forlag 2015 (ISBN 978-82-7935-370-6)
281 s., FFI

Stenersen, Anne.

Al-Qaeda versus Najibullah: Revisiting the Role of Foreign Fighters in the Battles of Jalalabad and Khost, 1989–1992. I: *War and State-Building in Afghanistan: Historical and Modern Perspectives*. Bloomsbury Academic 2015 ISBN 978-1472572172. s. 131-146, FFI

Åtland, Kristian; Bukkvoll, Tor.

Russlands kriger i Georgia og Ukraina - konsekvenser og lærdommer for Norge. I: *Norge og Russland. Sikkerhetspolitiske utfordringer i nordområdene*. Universitetsforlaget 2015 ISBN 9788215024745. s. 85-95, FFI

4.2 Avdeling Cybersystemer og elektronisk krigføring

4.2.1 Nivå 1:

Bentstuen, Ole Ingar; Kristiansen, Petter.

Towards a transport network for FMN based on the PCN concept. I: Proceedings International Conference on Military Communications and Information Systems ICMCIS (former MCC) : Cracow, Poland, 18th-19th May 2015. IEEE conference proceedings 2015 ISBN 9788393484850. s. -, FFI

Bergh, Arild.

Distributing the disruption: MLAB, an app builder for the Norwegian Defence. I: Proceedings International Conference on Military Communications and Information Systems ICMCIS (former MCC): Cracow, Poland, 18th-19th May 2015. IEEE conference proceedings 2015 ISBN 9788393484850. s. 1-6, FFI

Bråten, Lars Erling; Rytír, Martin; Grotthing, Per Arne.

One year of 20 GHz satellite measurement data from a nordic maritime environment. I: 2015 9th European Conference on Antennas and Propagation (EuCAP), Lisbon, 13-17 April 2015. IEEE conference proceedings 2015 ISBN 978-88-907018-5-6. s. -, FFI NTNU UNIK

Couturier, Stefan; Krygier, Jaroslaw; Bentstuen, Ole Ingar; Le Nir, Vincent.

Challenges for Network Aspects of Cognitive Radio. I: Proceedings International Conference on Military Communications and Information Systems ICMCIS (former MCC) : Cracow, Poland, 18th-19th May 2015. IEEE conference proceedings 2015 ISBN 9788393484850. , FFI

Engelstad, Paal E.; Hammer, Hugo Lewi; Yazidi, Anis; Bai, Aleksander.

Analysis of Time-Dependencies in Automatic Security Classification. I: Proceedings of the 2015 International Conference on Cyber-Enabled Distributed Computing and Knowledge Discovery (CyberC). IEEE Computer Society 2015 ISBN 978-1-4673-9199-3. s. 54-61, FFI HIOA UNIK

Engelstad, Paal E.

On the usability of clustering for topic-oriented multi-level security models. I: 9th IEEE European modelling symposium on Mathematical Modelling and Computer Simulation (EMS), Proceedings. IEEE Computer Society 2015 ISBN 978-1-5090-0206-1. s. 14-20, FFI HIOA

Flydahl, Espen; Hauge, Mariann; Landmark, Lars.

On the Performance of Packet-pair Based Path Capacity Estimation in Wireless Ad Hoc Networks. I: Proceedings International Conference on Military Communications and Information Systems ICMCIS (former MCC) : Cracow, Poland, 18th-19th May 2015. IEEE conference proceedings 2015 ISBN 9788393484850. s. -, FFI FORSV

Ford, Reginald; Hansen, Bjørn Jervell; Hanz, David; Kuehne, Sven; Last, Mark; Mojtahed, Vahid; Nogalski, Dariusz; Santos, Leopoldo; Tuncer, Fulya; Wunder, Michael.

Bridging Semantic Interoperability Gaps with SILF. I: *Proceedings International Conference on Military Communications and Information Systems ICMCIS (former MCC) : Cracow, Poland, 18th-19th May 2015*. IEEE conference proceedings 2015 ISBN 9788393484850. FFI

Haakseth, Raymond; Nordbotten, Nils Agne; Kristiansen, Bengt; Jonsson, Øyvind.

A High Assurance Cross-Domain Guard for Use in Service-Oriented Architectures. I: *Proceedings International Conference on Military Communications and Information Systems ICMCIS (former MCC): Cracow, Poland, 18th-19th May 2015*. IEEE conference proceedings 2015 ISBN 9788393484850. s. -, FFI

Johnsen, Frank T.; Bloebaum, Trude Hafsøe; Eggum, Dag Ove.

Efficient SOAP messaging for Android. I: *Proceedings International Conference on Military Communications and Information Systems ICMCIS (former MCC) : Cracow, Poland, 18th-19th May 2015*. IEEE conference proceedings 2015 ISBN 9788393484850. s. -, FFI HIB UNIK

Johnsen, Frank T.; Bloebaum, Trude Hafsøe; Karud, Kristoffer Ramberg.

Recommendations for increased efficiency of Web services in the tactical domain. I: *Proceedings International Conference on Military Communications and Information Systems ICMCIS (former MCC): Cracow, Poland, 18th-19th May 2015*. IEEE conference proceedings 2015 ISBN 9788393484850. , FFI NTNU

Lubkowski, Piotr; Hauge, Mariann; Landmark, Lars; Barz, Christoph; Sevenich, Peter.

On Improving Connectivity and Network Efficiency in a Heterogeneous Military Environment. I: *Proceedings International Conference on Military Communications and Information Systems ICMCIS (former MCC) : Cracow, Poland, 18th-19th May 2015*. IEEE conference proceedings 2015 ISBN 9788393484850. s. -, FFI

Rytír, Martin.

Clear-air scintillation and multipath for low-elevation high-latitude satellite communication links. I: *2015 9th European Conference on Antennas and Propagation (EuCAP), Lisbon, 13-17 April 2015*. IEEE conference proceedings 2015 ISBN 978-88-907018-5-6. s. -, FFI

Tjelta, Terje; Sander, Jostein; Rytír, Martin; Grotthing, Per Arne; Noll, Josef; Grythe, Knut Harald; Johansen, Trond Henning; Ciecko, Michael; Cheffena, Michael; Mjelde, Terje Mikal Olsen.

Experimental campaign with first results for determining high north 20 GHz satellite links propagation conditions. I: *2015 9th European Conference on Antennas and Propagation (EuCAP), Lisbon, 13-17 April 2015*. IEEE conference proceedings 2015 ISBN 978-88-907018-5-6. s. -, FFI FORSV HIG SINTEF UNIK

4.3 Avdeling Landsystemer

4.3.1 Nivå 1:

Hamou, Faycal Riad; Dalsjø, Per G.; Dørum, Cato; Helland, Susanne; Kristiansen, Helge; Taklo, Maaïke Margrete Visser; Gakkestad, Jakob.

Numerical investigation of ceramic package/ interposer interconnects using isotropic conductive adhesive. I: *16th International Conference on Thermal, Mechanical and Multi-Physics Simulation and Experiments in Microelectronics and Microsystems 2015 (EuroSimE), Budapest. 19-22 April 2015*. IEEE conference proceedings 2015 ISBN 978-1-4799-9949-1. s. -, FFI SINTEF

4.4 Avdeling Maritime systemer

4.4.1 Nivå 1:

Geilhufe, Marc; Connors, Warren A.; Synnes, Stig Asle Vaksvik; Midtgaard, Øivind; Sæbø, Torstein Olsmo; Hansen, Roy Edgar; Dugelay, Samantha.

Assessment of mine hunting performance evaluation parameters across multiple side-looking sonar systems and frequencies. I: *Proceedings of OCEANS'15 MTS/IEEE Washington Conference & Exhibition*. IEEE conference proceedings 2015 ISBN 978-0-933957-43-5. s. -, FFI

Ludvigsen, Martin; Thorsnes, Terje; Hansen, Roy Edgar; Sørensen, Asgeir Johan; Johnsen, Geir; Lågstad, Petter Arthur; Ødegård, Øyvind; Candeloro, Mauro; Nornes, Stein Melvær; Malmquist, Christian.

Underwater vehicles for environmental management in coastal areas. I: *OCEANS 2015 - Genova*. IEEE conference proceedings 2015 ISBN 978-1-4799-8736-8. s. -, FFI NTNU

Hjelmervik, Karina Bakkeløkken; Hjelmervik, Karl Thomas; Østenstad, Petter.

Estimation of oceanographic profiles and climatological regions in the Barents Sea. I: *OCEANS 2015 - Genova*. IEEE conference proceedings 2015 ISBN 978-1-4799-8736-8. s. -, FFI HBV

Meltzer, Marthe Marie; Østenstad, Petter; Hesby, Anne; Nonsvik, Guri Anita; Sagsveen, Bendik Andreas.

Measuring refractivity profiles in the marine environment using radiosondes launched with a pneumatic line thrower. I: *2015 12th European Radar Conference Proceedings*. IEEE conference proceedings 2015 ISBN 978-2-87487-041-5. s. 61-64, FFI

4.5 Avdeling Luft- og romsystemer

4.5.1 Nivå 1:

Tai, Xue-Cheng; Bae, Egil; Chan, Tony; Lysaker, Marius.

Energy Minimization Methods in Computer Vision and Pattern Recognition, 10th International Conference, EMMCVPR 2015, Hong Kong, China, January 13-16, 2015. Proceedings. Springer 2015 (ISBN 978-3-319-14611-9) ;Volum 8932.504 s. Lecture Notes in Computer Science(1)

FFI HIT UiB

4.6 Avdeling Beskyttelse og samfunnsikkerhet

4.6.1 Nivå 1:

Myhrer, Trond; Aas, Pål.

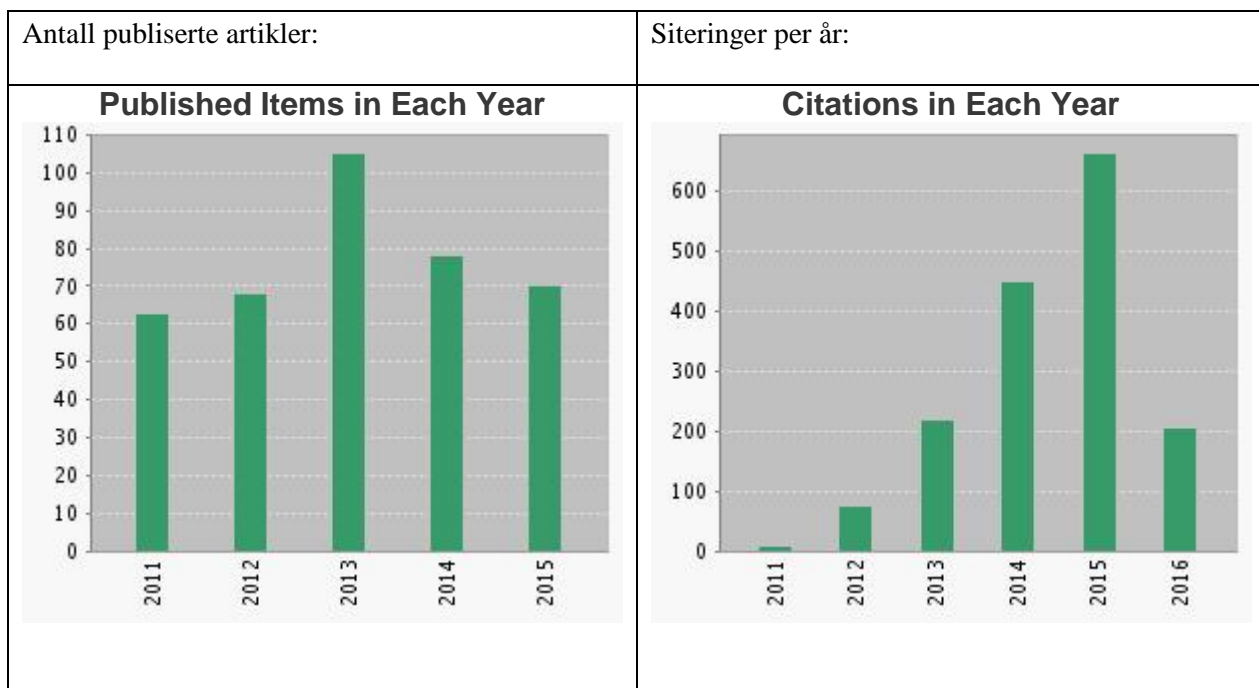
Prophylactic and therapeutic measures in nerve agents poisoning. I: *Handbook of toxicology of chemical warfare agents*. Academic Press 2015 ISBN 9780128001592. s. 989-1002, FFI

5 Siteringer

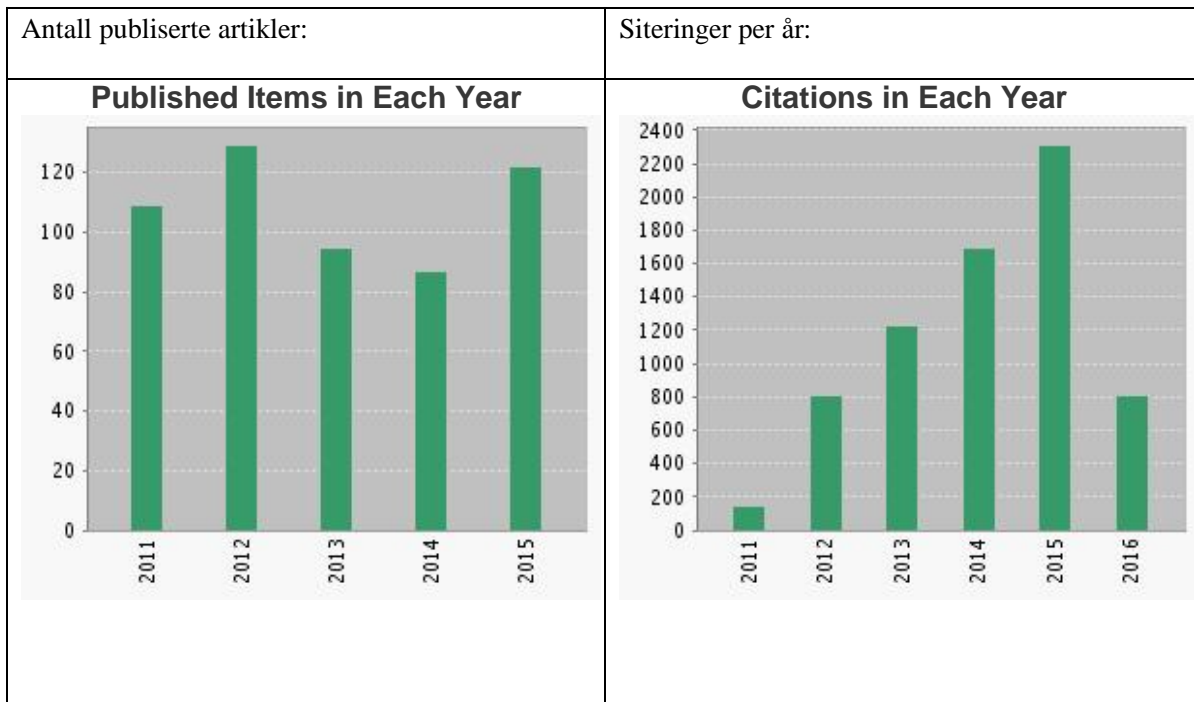
5.1 Sammenliknende statistikk siteringer siste fem år

Oversikt over antall publiserte artikler og siteringer de siste fem årene for FFI og naboinstituttene Norsk institutt for luftforskning (NILU) og Institutt for energiforskning (IFE). Oversiktene er tatt ut per 31. mai 2016:

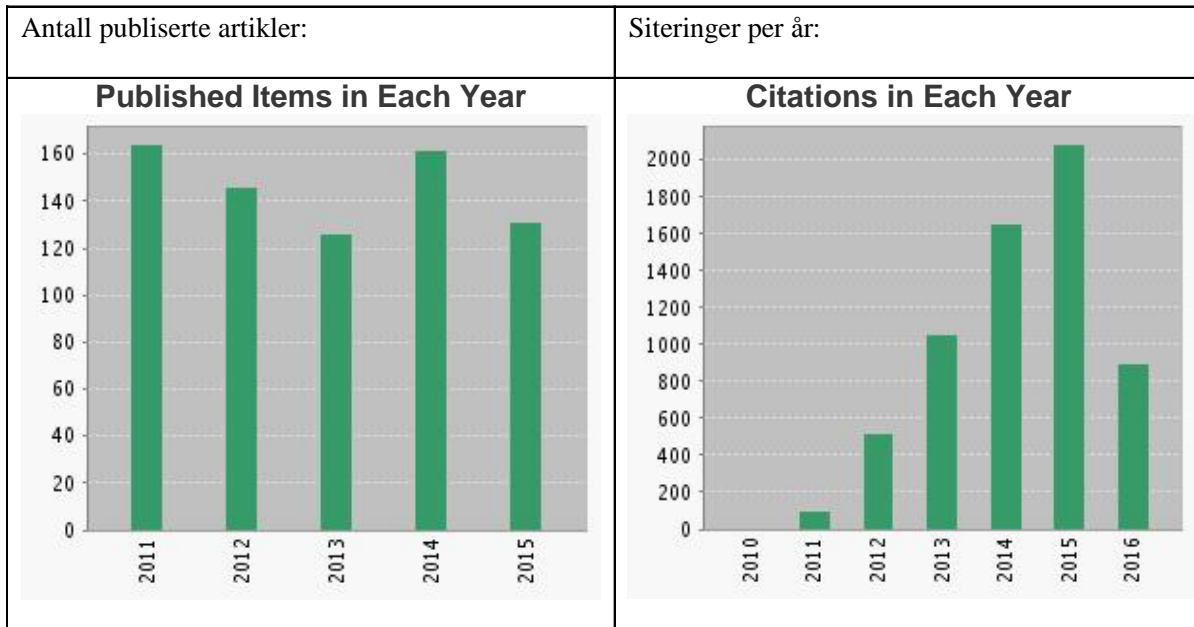
FFI:



NILU:



IFE:



5.2 Oversikt over FFIs ti mest siterte artikler de siste fem årene

		2012	2013	2014	2015	2016	Total	Average Citations per Year
		16	58	150	231	79	537	22.38
1.	<p>Title: The Dalton quantum chemistry program system By: Aidas, Kestutis; Angeli, Celestino; Bak, Keld L.; et al. Source: WILEY INTERDISCIPLINARY REVIEWS-COMPUTATIONAL MOLECULAR SCIENCE Volume: 4 Issue: 3 Pages: 269-284 Published: MAY 2014</p>	0	4	70	120	33	227	75.67
2.	<p>Title: Model-assisted regional forest biomass estimation using LiDAR and InSAR as auxiliary data: A case study from a boreal forest area By: Naeset, Erik; Gobakken, Terje; Solberg, Svein; et al. Source: REMOTE SENSING OF ENVIRONMENT Volume: 115 Issue: 12 Pages: 3599-3614 Published: DEC 15 2011</p>	5	11	16	15	5	52	8.67
3.	<p>Title: Third-generation femtosecond technology By: Fattahi, Hanieh; Barros, Helena G.; Gorjan, Martin; et al. Source: OPTICA Volume: 1 Issue: 1 Pages: 45-63 Published: JUL 22 2014</p>	0	0	7	22	15	44	14.67
4.	<p>Title: Neurotoxic effects of perfluoroalkylated compounds: mechanisms of action and environmental relevance By: Mariussen, Espen Source: ARCHIVES OF TOXICOLOGY Volume: 86 Issue: 9 Pages: 1349-1367 Published: SEP 2012</p>	0	6	14	19	4	43	8.60
5.	<p>Title: Deadly diving? Physiological and behavioural management of decompression stress in diving</p>	7	12	5	8	2	34	6.80

	mammals By: Hooker, S. K.; Fahlman, A.; Moore, M. J.; et al. Source: PROCEEDINGS OF THE ROYAL SOCIETY B-BIOLOGICAL SCIENCES Volume: 279 Issue: 1731 Pages: 1041-1050 Published: MAR 22 2012							
6.	Title: Deletion of the gamma-Aminobutyric Acid Transporter 2 (GAT2 and SLC6A13) Gene in Mice Leads to Changes in Liver and Brain Taurine Contents By: Zhou, Yun; Holmseth, Silvia; Guo, Caiying; et al. Source: JOURNAL OF BIOLOGICAL CHEMISTRY Volume: 287 Issue: 42 Pages: 35733-35746 Published: OCT 12 2012	0	5	9	7	6	30	6.00
7.	Title: The Severity of Behavioral Changes Observed During Experimental Exposures of Killer (Orcinus orca), Long-Finned Pilot (Globicephala melas), and Sperm (Physeter macrocephalus) Whales to Naval Sonar By: Miller, Patrick J. O.; Kvadsheim, Petter H.; Lam, Frans-Peter A.; et al. Source: AQUATIC MAMMALS Volume: 38 Issue: 4 Pages: 362-401 Published: 2012	0	2	12	8	6	28	5.60
8.	Title: Direct numerical simulation of transitional flow in a patient-specific intracranial aneurysm By: Valen-Sendstad, Kristian; Mardal, Kent-Andre; Mortensen, Mikael; et al. Source: JOURNAL OF BIOMECHANICS Volume: 44 Issue: 16 Pages: 2826-2832 Published: NOV 10 2011	3	9	5	10	1	28	4.67
9.	Title: Monitoring spruce volume and biomass with InSAR data from TanDEM-X By: Solberg, Svein; Astrup, Rasmus; Breidenbach, Johannes; et al. Source: REMOTE SENSING OF ENVIRONMENT Volume: 139 Pages: 60-67 Published: DEC 2013	0	2	6	15	4	27	6.75
10.	Title: Multiple episodes of fluid flow in the SW Barents Sea (Loppa High) evidenced by gas flares, pockmarks and gas hydrate accumulation By: Chand, S.; Thorsnes, T.; Rise, L.; et al. Source: EARTH AND PLANETARY SCIENCE LETTERS Volume: 331 Pages: 305-	1	7	6	7	3	24	4.80

FFIs forfattere i oversikten ovenfor:

1. Alf Christian Hennum
2. Dan Weydahl
3. Gunnar Arisholm
4. Espen Mariussen
5. Petter Kvadsheim
6. Bjørnar Hassel
7. Petter Kvadsheim
8. Mikael Mortensen, Bjørn Anders Reif
9. Dan Weydahl
10. Petter Lågstad, Torgeir Svolsbru

About FFI

The Norwegian Defence Research Establishment (FFI) was founded 11th of April 1946. It is organised as an administrative agency subordinate to the Ministry of Defence.

FFI's MISSION

FFI is the prime institution responsible for defence related research in Norway. Its principal mission is to carry out research and development to meet the requirements of the Armed Forces. FFI has the role of chief adviser to the political and military leadership. In particular, the institute shall focus on aspects of the development in science and technology that can influence our security policy or defence planning.

FFI's VISION

FFI turns knowledge and ideas into an efficient defence.

FFI's CHARACTERISTICS

Creative, daring, broad-minded and responsible.

Om FFI

Forsvarets forskningsinstitutt ble etablert 11. april 1946. Instituttet er organisert som et forvaltningsorgan med særskilte fullmakter underlagt Forsvarsdepartementet.

FFIs FORMÅL

Forsvarets forskningsinstitutt er Forsvarets sentrale forskningsinstitusjon og har som formål å drive forskning og utvikling for Forsvarets behov. Videre er FFI rådgiver overfor Forsvarets strategiske ledelse. Spesielt skal instituttet følge opp trekk ved vitenskapelig og militærteknisk utvikling som kan påvirke forutsetningene for sikkerhetspolitikken eller forsvarsplanleggingen.

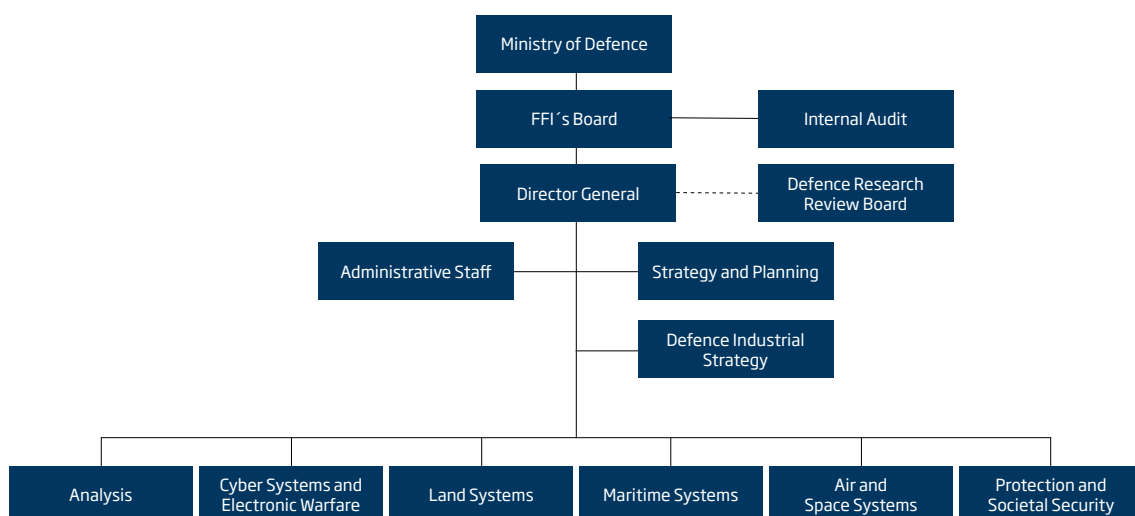
FFIs VISJON

FFI gjør kunnskap og ideer til et effektivt forsvar.

FFIs VERDIER

Skapende, drivende, vidsynt og ansvarlig.

FFI's organisation



Forsvarets forskningsinstitutt
Postboks 25
2027 Kjeller

Besøksadresse:
Instituttveien 20
2007 Kjeller

Telefon: 63 80 70 00
Telefaks: 63 80 71 15
Epost: ffi@ffi.no

Norwegian Defence Research Establishment (FFI)
P.O. Box 25
NO-2027 Kjeller

Office address:
Instituttveien 20
N-2007 Kjeller

Telephone: +47 63 80 70 00
Telefax: +47 63 80 71 15
Email: ffi@ffi.no