

## Vedlegg 1: Open Access publisering ved UiB fra 2005 til 2011

Dokumentet er blitt til i samarbeid med Ingrid Cutler og Hege Folkestad som et ledd i arbeidet med forskningsstøtte. Beregningene er utført av undertegnede. Arbeidet er under utviklingen og presenterer resultatene så langt.

Dokumentet gir en oversikt over antall artikler som er blitt publisert i Open Access (OA) tidsskrifter ved UiB i tidsrommet 2005 til 2011. Resultatene gjengitt her baserer seg på data fra CRISStin og DOAJ (Directory of Open Access Journals).

### Omfang av UiBs OA-publisering

I DOAJ var det per 10.12.12 registrert 8460 tidsskrifter. I tidsrommet 2005 til 2011 ble det ved UiB publisert i 271 av disse. Se Appendiks for en liste over OA-tidsskrifter UiB forskere har publisert i, hvor hyppig det publiseres i de enkelte tidsskrift og om det kreves forfatterbetaling.

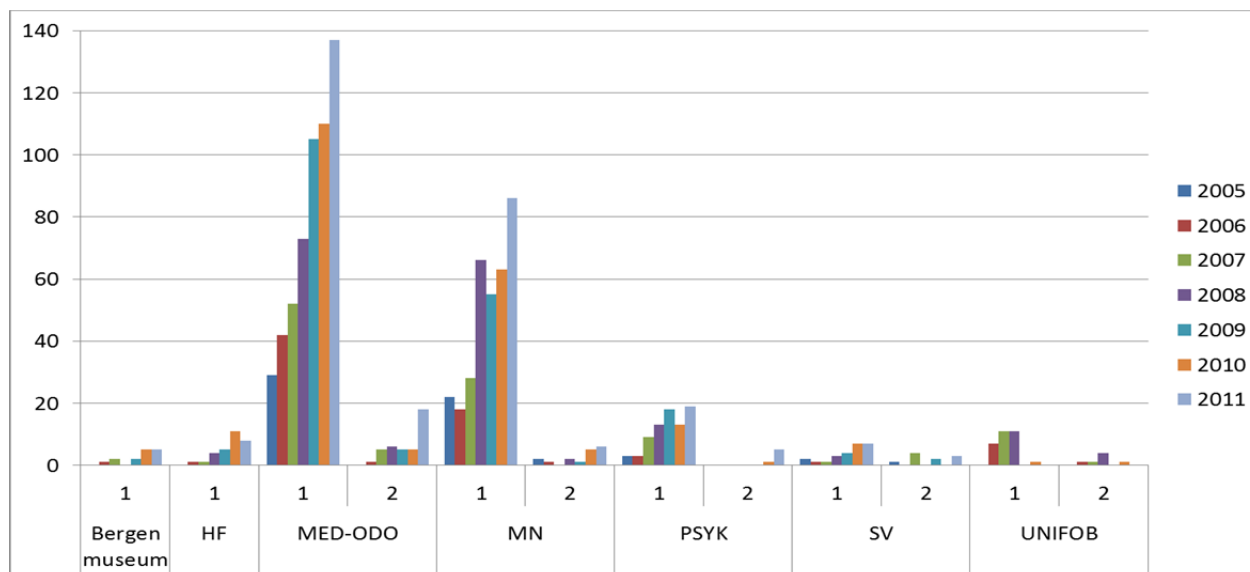
I tidsrom 2005 til 2011 ble det totalt publisert 12855 «tellende» artikler ved UiB, 1065 av disse i OA-tidsskrifter. Andel OA-publisering har økt fra 4% i 2005 til 12% i 2011.

**Tabell 1:**

	2005	2006	2007	2008	2009	2010	2011	Gjennomsnitt
UiB artikler	1391	1520	1629	1906	2064	1984	2361	12855
UiB oa artikler	56	70	99	160	184	219	277	1065
Andel	4 %	5 %	6 %	8 %	9 %	11 %	12 %	8 %

### Fakultetsvis fordeling av OA-publisering

Diagrammet under viser en fakultetsvis fordeling av OA-publisering i tidsrommet 2005 til 2011. Som en ser har Det medisinsk-odontologiske fakultet høyest andel OA-publisering. Diagrammet viser også tidsskriftets kvalitetsnivå (1 eller 2). Få OA-tidsskrifter når opp til nivå 2 i dag. Bergen Museum og Det humanistiske fakultet har ingen OA-tidsskrifter på nivå 2, kun nivå 1. OA-tidsskrifter på nivå 2 er det grunn til å anta vil øke i framtiden ettersom publiseringsmodellen blir mer og mer anerkjent, og ettersom tidsskriftenes gjennomslag og renommé stiger.



Sammenliknet med fakultetets totale artikkelpublisering fordeler seg OA-andelen slik som vist i tabell under. Ren OA-publisering har en tydelig stigende trend på tvers av fakultetene ved UiB.

Det medisinsk-odontologiske fakultet har høyest andel artikler publisert i OA-tidsskrifter. Den har økt jevnlig fra 6% i 2005 til 18% i 2011. Det matematisk-naturvitenskapelige fakultet har i 2011 en andel på 10% etterfulgt av Det psykologiske fakultet med 9%, og Det samfunnsvitenskapelige fakultet med 8%.

**Tabell 2:**

	2005	2006	2007	2008	2009	2010	2011	Totalt
<b>Bergen museum</b>	0 %	4 %	6 %	0 %	4 %	9 %	9 %	<b>5 %</b>
<b>HF</b>	0 %	4 %	1 %	3 %	3 %	7 %	4 %	<b>4 %</b>
<b>JUR</b>	0 %	0 %	0 %	0 %	0 %	0 %	0 %	<b>0 %</b>
<b>MED-ODO</b>	6 %	8 %	10 %	12 %	14 %	16 %	18 %	<b>13 %</b>
<b>MN</b>	4 %	3 %	4 %	9 %	7 %	9 %	10 %	<b>7 %</b>
<b>PSYK</b>	2 %	2 %	7 %	7 %	8 %	6 %	9 %	<b>7 %</b>
<b>SV</b>	4 %	1 %	5 %	3 %	6 %	6 %	8 %	<b>5 %</b>
<b>UNIFOB</b>	0 %	8 %	11 %	13 %	0 %	14 %	0 %	<b>10 %</b>
<b>Totalt</b>	<b>4 %</b>	<b>5 %</b>	<b>7 %</b>	<b>9 %</b>	<b>9 %</b>	<b>11 %</b>	<b>12 %</b>	<b>8 %</b>

### Størrelse på et fremtidig publiseringsfond

For å beregne totalutgiften i forbindelse med forfatterbetaling har vi fremstilt tidsskrifter i forhold til betalingsmodell. For UiB sin del ble det i 2011 publisert 185 artikler som krever forfatterbetaling (FF). 3 artikler hadde en betinget (Conditional) forfatterbetaling.

**Tabell 3:**

FF	2005	2006	2007	2008	2009	2010	2011	Totalt
Conditional		3	1		2		3	9
Information missing		1			1			2
No	29	20	33	49	60	62	89	342
Yes	27	46	65	111	121	157	185	712
<b>Totalt</b>	<b>56</b>	<b>70</b>	<b>99</b>	<b>160</b>	<b>184</b>	<b>219</b>	<b>277</b>	<b>1065</b>

Basert på disse tallene er det mulig å estimere en fremtidig størrelse på et publiseringsfond ved UiB.

## Videre arbeid

I tillegg til tallene opplyst i dette notatet kommer OA-publisering i hybridtidsskriftene. Omfanget er det vanskelig å tallfeste. Derimot kan det stipuleres et overslag over mulig hybrid-publisering ved å kartlegge utgivers OA-policy. Arbeidsgruppen jobber med problemstillingen.

## Appendiks 1: Artikler i BMC og PLoS

Row Labels	2009	2010	2011	Totalt
BMC Biochemistry	2			2
BMC Bioinformatics	1	2	4	7
BMC Biology	1			1
BMC Cancer	5	5	1	11
BMC Cardiovascular Disorders			1	1
BMC Clinical Pathology	1			1
BMC Ear, Nose and Throat Disorders	1			1
BMC Emergency Medicine		1	1	2
BMC Endocrine Disorders	2	1		3
BMC Evolutionary Biology	2	2	1	5
BMC Family Practice		1	1	2
BMC Gastroenterology	2	2	1	5
BMC Genetics			1	1
BMC Genomics	1	1	2	4
BMC Geriatrics			1	1
BMC Health Services Research	5	5	10	20
BMC Immunology	1	2	1	4
BMC Infectious Diseases	3	3		6
BMC International Health and Human Rights	1			1
BMC Medical Education	1	1		2
BMC Medical Ethics		1	1	2
BMC Medical Genetics	1	2	3	6
BMC Medical Imaging	1			1
BMC Medical Research Methodology			1	1
BMC Medicine	1			1
BMC Microbiology		2	1	3
BMC Molecular Biology	1	2		3
BMC Musculoskeletal Disorders	1	1	3	5
BMC Neurology	2	1	1	4
BMC Neuroscience	1		1	2
BMC Oral Health	3	1	3	7

BMC Pediatrics	1	5	4	10
BMC Pharmacology	1			1
BMC Pregnancy and Childbirth	2	1	3	6
BMC Proceedings	3			3
BMC Psychiatry	1	2	3	6
BMC Public Health	11	5	9	25
BMC Pulmonary Medicine		1	2	3
BMC Research Notes	1	2	1	4
BMC Structural Biology		1	1	2
BMC Urology	1			1
BMC Veterinary Research			1	1
BMC Women's Health		1	1	2
PloS Computational Biology			3	3
PLoS Genetics	2		1	3
PLoS Medicine	1	1	1	3
PLoS ONE	9	12	33	54
<b>Totalt</b>	<b>73</b>	<b>67</b>	<b>102</b>	<b>242</b>

Artikler i Springer Open: 2 artikler i 2009, 1 artikkel i 2010 og ingen artikkel i 2011.

## Appendiks 2:

Tabellen viser OA-tidsskrifter (totalt 271) UiB forskere i tidsrommet 2005 til 2011 har publisert i. Den viser også om tidsskriftutgiver krever forfatterbetaling eller ei.

	FF- Conditional	FF- Informati on missing	FF-No	FF-Yes	Tot
PLoS ONE				63	63
BMC Public Health				50	50
Den norske tannlegeforenings tidende			49		49
Acta Orthopaedica			36		36
Norsk Epidemiologi			32		32
Annales Geophysicae				32	32
BMC Health Services Research				30	30
Biogeosciences				25	25
Health and Quality of Life Outcomes				19	19
Journal of Physics, Conference Series			19		19
BMC Cancer				19	19
Scandinavian journal of trauma, resuscitation and emergency medicine			18		18
Tellus. Series A, Dynamic meteorology and oceanography				17	17
BMC Infectious Diseases				15	15
Nucleic Acids Research				15	15
BMC Pediatrics				14	14
Ocean Science				12	12
BMC Bioinformatics				12	12
BMC Psychiatry				12	12
BMC Oral Health				12	12
Climate of the Past				12	12
Norsk Geologisk Tidsskrift			11		11
BMC Musculoskeletal Disorders				9	9
BMC Genomics				9	9
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BMC Pregnancy and Childbirth		9	9
Atmospheric Chemistry And Physics		8	8
Nordicom Review		8	8
Leibniz International Proceedings in Informatics		8	8
World Journal of Gastroenterology	7		7
International Breastfeeding Journal		7	7
Polar Research		7	7
Evolutionary Applications		7	7
PLoS Medicine		7	7
Cost Effectiveness and Resource Allocation		7	7
Molecular Cancer		6	6
BMC Medical Education		6	6
International Journal of Qualitative Studies on Health and Well-being		6	6
BMC Evolutionary Biology		6	6
BMC Medical Genetics		6	6
Frontiers in Human Neuroscience		6	6
Behavioral and Brain Functions		6	6
International Journal for Equity in Health		6	6
BMC Gastroenterology		5	5
Neoplasia		5	5
Michael		5	5
BMC Research Notes		5	5
Acta Physica Polonica B		5	5
Fauna Norvegica		5	5
Chinese Science Bulletin		5	5
BMC Pulmonary Medicine		4	4
New Journal of Physics		4	4
Mountain Research and Development Journal		4	4
International Journal of Behavioral Nutrition and Physical Activity		4	4
Biota Neotropica		4	4
BMC Neurology		4	4
Autoimmune Diseases		4	4
PloS Computational Biology		4	4
Human Resources for Health		4	4
Virology Journal		4	4
BMC International Health and Human Rights		4	4
BMC Immunology		4	4
Marine Drugs		4	4
PLoS Genetics		4	4
BMC Endocrine Disorders		4	4
Journal of the International AIDS Society		4	4
Judgment and decision making		4	4
Retrovirology		3	3
Acta Didactica Norge - tidsskrift for fagdidaktisk forsknings- og utviklingsarbeid i Norge		3	3
Cerebrospinal Fluid Research		3	3
Lipids in Health and Disease		3	3
Advances in Geosciences		3	3
BMC Microbiology		3	3
BMC Proceedings		3	3
BMC Molecular Biology		3	3
Acta Dermato-Venereologica		3	3
Malaria Journal		3	3
BMC Biochemistry		3	3
Industrial Health		3	3
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Radiation Oncology		3	3
Nutrition Journal		3	3
SAHARA-J: Journal of Social Aspects of HIV/AIDS		3	3
BMC Neuroscience		3	3
Scientia Marina	3		3
Phenomenology & Practice	3		3
Data Science Journal	3		3
Early Modern Culture Online	3		3
Annals of Geophysics	2		2
BMC Ear, Nose and Throat Disorders		2	2
Bulletin of the World Health Organization	2		2
Journal of Infection in Developing Countries	2		2
Geoscientific Model Development		2	2
Journal of Integer Sequences	2		2
BMC Urology		2	2
Journal of Northwest Atlantic Fishery Science	2		2
The Open Education Journal		2	2
Cardiovascular Ultrasound		2	2
Zookeys		2	2
Journal of the European Optical Society - Rapid Publications		2	2
BMC Medical Ethics		2	2
Biointerphases		2	2
Proteome Science		2	2
BMC Family Practice		2	2
BMC Women's Health		2	2
Art & Research: A Journal of Ideas, Contexts and Methods	2		2
Suicidologi	2		2
Climate of the Past Discussions		2	2
The Open Ocean Engineering Journal		2	2
BMC Genetics		2	2
Optics Express		2	2
Annales Academiae Scientiarum Fennicae Mathematica	2		2
PLoS biology		2	2
BMC Geriatrics		2	2
BMC Emergency Medicine		2	2
Documenta Mathematica	2		2
Hydrology and Earth System Sciences		2	2
The Open Sleep Journal		2	2
PPAR Research		2	2
Education Inquiry	2		2
BMC Structural Biology		2	2
Environmental Health Perspectives		2	2
Rural and remote health	2		2
Ethiopian Journal of Health Development	2		2
International Journal of General Medicine		2	2
Nordisk tidsskrift for helseforskning	2		2
Seminar.net : Media, technology and lifelong learning	2		2
América Latina Hoy		2	2
International Journal of Speleology	2		2
BMC Pharmacology		2	2
The Open Neuroimaging Journal		2	2
Annals of Family Medicine	2		2
Journal of Biomedicine and Biotechnology		2	2
BMC Cardiovascular Disorders		2	2
Frontiers in Zoology		2	2
Frontiers in Behavioral Neuroscience		1	1
Environmental health		1	1
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Nordisk Barnehageforskning	1	1
Utbildning och Demokrati	1	1
Angle orthodontist	1	1
Bijdragen Tot de Taal-, Land- en Volkenkunde	1	1
Natural hazards and earth system sciences		1 1
Advances in Urology		1 1
BMC Clinical Pathology		1 1
Biogeosciences Discussions		1 1
EURE (Santiago. Impresa)	1	1
African Health Sciences	1	1
Stroke Research and Treatment		1 1
Global health action		1 1
Thrombosis Journal		1 1
Haematologica	1	1
New York journal of mathematics	1	1
Health and Human Rights: An International Journal	1	1
Drug Target Insights		1 1
Biomedical engineering online		1 1
Electronic Journal of Differential Equations	1	1
Health Policy and Development	1	1
Etikk i praksis	1	1
Health Research Policy and Systems		1 1
Reproductive Health		1 1
Heliotropia	1	1
Fishery Bulletin	1	1
Biomedical Optics Express		1 1
The Cryosphere		1 1
AIDS research and therapy		1 1
BMC Physiology		1 1
Hydrology and Earth System Sciences Discussions		1 1
Molecular Vision	1	1
Högre Utbildning	1	1
Neotropical Entomology	1	1
ijEDict - International Journal of Education and Development using Information and Communication Technology	1	1
Nordic Journal of English Studies	1	1
Blood Cancer Journal		1 1
Nordlit	1	1
Information Technologies and International Development	1	1
BMC Nephrology		1 1
INTEGERS	1	1
Oceanography	1	1
BMC Veterinary Research		1 1
Electronic Transactions on Numerical Analysis	1	1
Blood Transfusion	1	1
Ethics in Science and Environmental Politics	1	1
International Journal of Agriculture and Biology		1 1
EURASIP Journal on Wireless Communications and Networking		1 1
BMJ Open	1	1
European Journal of American Studies	1	1
Annual Review of Critical psychology	1	1
Revista Española de Cardiología	1	1
International Journal of Mental Health Systems		1 1
SAMJ South African Medical Journal	1	1
International Journal of Molecular Sciences		1 1
Fluids and Barriers of the CNS		1 1
International Journal of Nanomedicine		1 1
		7

Frontiers in Aging Neuroscience		1	1
Aquatic Invasions	1		1
The Journal for Critical Education Policy Studies	1		1
BMC Biology		1	1
The Open Information Systems Journal		1	1
International Online Journal of Educational Sciences (iojes)	1		1
Frontiers in Physiology		1	1
ISRN Nursing		1	1
Frontiers in Psychiatry		1	1
Issues in educational research	1		1
BMC Biotechnology		1	1
Journal of Arabic and Islamic studies	1		1
Archives of Medical Science		1	1
Child and Adolescent Psychiatry and Mental Health		1	1
Diagnostic Pathology		1	1
Journal of Cancer Research and Therapeutics	1		1
Nonlinear processes in geophysics		1	1
Journal of caves and karst studies	1		1
Digital Humanities Quarterly	1		1
Journal of Geosciences	1		1
Discrete mathematics and theoretical computer science (Online)	1		1
Journal of Headache and Pain	1		1
Acta Pharmaceutica	1		1
Chinese Medical Journal		1	1
Novoe literaturnoe obozrenie	1		1
BMC Medical Imaging		1	1
Nursing Research and Practice		1	1
Journal of limnology	1		1
Educational Technology & Society	1		1
Journal of Lipid Research	1		1
Open Dentistry Journal		1	1
Journal of machine learning research	1		1
Oslo Studies in Language (OSLa)	1		1
Journal of Networks		1	1
Eludamos - Journal for Computer Game Culture	1		1
BMC Medical Informatics and Decision Making		1	1
Arthropod Systematics & Phylogeny	1		1
Journal of Object Technology	1		1
Andean Geology	1		1
Journal of Occupational Medicine and Toxicology		1	1
Polish Polar Research	1		1
BMC Medical Research Methodology		1	1
Primary Care Respiratory Journal	1		1
Journal of Sports Science and Medicine (JSSM)		1	1
Proyecciones	1		1
Clinical Medicine : Case Reports		1	1
Reconstruction : Studies in Contemporary Culture	1		1
Clinical Medicine : Gastroenterology		1	1
European Journal of Law and Technology	1		1
Journal of the Meteorological Society of Japan		1	1
Revista Virtual de Estudos da Linguagem - ReVEL	1		1
Journal of Translational Medicine		1	1
Advances in Science and Research		1	1
Journal of Trauma Management & Outcomes		1	1
Fennia	1		1
Clinical Practice and Epidemiology in Mental Health		1	1



Scientific Research and Essays				1	1
Korean Journal of Parasitology				1	1
South African Journal of Science			1		1
Lambda Nordica: Tidsskrift om homoseksualitet			1		1
Folklore			1		1
Communications in information literacy			1		1
Tellus. Series B, Chemical and physical meteorology				1	1
Library Philosophy and Practice			1		1
The Electronic Journal of Combinatorics			1		1
Comparative Hepatology				1	1
The Montana Mathematics Enthusiast			1		1
Computational Methods in Applied Mathematics			1		1
The Open Hematology Journal				1	1
Coolabah			1		1
The Open Marine Biology Journal				1	1
Mediterranean Marine Science			1		1
Frontiers in Neuroscience				1	1
BMC Medicine				1	1
Theory and Science			1		1
Microbiological Ecology in Health and Disease				1	1
Transnational Literature			1		1
Mirator			1		1
Current Science			1		1
Webology			1		1
Futhark: International Journal of Runic Studies			1		1
World Journal of Surgical Oncology				1	1
Gastroenterology Insights				1	1
AAEM: Annals of Agricultural and Environmental Medicine			1		1
Gene Regulation and Systems Biology				1	1
<b>Tot</b>			<b>9</b>	<b>2</b>	<b>342</b>
				<b>712</b>	<b>1065</b>