

Skye Sensor Quoted	Author Names	Paper Title	Year of Publication	Journal Name	Volume Number	Issue Number	Pages	Web Address
PAR Energy Sensor	Alex J. Poultona, et al	Production of dissolved organic carbon by Arctic plankton communities: responses to elevated carbon dioxide and the availability of light and nutrients	2016	Deep Sea Research Part II: Topical Studies in Oceanography		01-Jan-16		<a href="http://www.sciencedirect.com/science/article/pii/S0967064516000138">http://www.sciencedirect.com/science/article/pii/S0967064516000138</a>
Pyranometer Sensor	Christian Constan-Aguilar, et al	The Effect of Potassium Biofortification Over Yield and Nutritional Quality of Cherry Tomato Fruits	2015	American Journal of Advanced Food Science and Technology	Vol 3	Issue 2	Pages 67 - 93	<a href="https://www.researchgate.net/profile/Maria_Soriano6/publication/287157210_The_Effect_of_Potassium_Biofortification_Over_Yield_and_Nutritional_Quality_of_Cherry_Tomato_Fruits/links/569cdddf08ae8f8ddc700ff8.pdf">https://www.researchgate.net/profile/Maria_Soriano6/publication/287157210_The_Effect_of_Potassium_Biofortification_Over_Yield_and_Nutritional_Quality_of_Cherry_Tomato_Fruits/links/569cdddf08ae8f8ddc700ff8.pdf</a>
PAR Quantum Sensor	Órlaith Ní Choncubhair, et al	Comparative assessment of ecosystem C exchange in Miscanthus and reed canary grass during early establishment	2016	BioEnergy Research	Vol 8	Issue 1		<a href="http://onlinelibrary.wiley.com/doi/10.1111/gcbb.12343/full">http://onlinelibrary.wiley.com/doi/10.1111/gcbb.12343/full</a>
PAR Quantum and meter	Jin-Won Song et al	Grow light for plant factory using quantum dot LED	2016	Journal of International Council on Electrical Engineering	Vol 6	Issue 1	Page 13	<a href="http://www.tandfonline.com/doi/pdf/10.1080/22348972.2016.1138604">http://www.tandfonline.com/doi/pdf/10.1080/22348972.2016.1138604</a>
UVB Sensor	Anna Rybarczyk-Plonskaa, et al	Flavonols in broccoli (Brassica oleracea L. var. italica) flower buds as affected by postharvest temperature and radiation treatments	2016	Postharvest Biology and Technology	Vol 116	01-Jun-16	Pages 105 - 114	<a href="http://www.sciencedirect.com/science/article/pii/S0925521415302052">http://www.sciencedirect.com/science/article/pii/S0925521415302052</a>
UVB Sensor	Kirsten M.W. Findlay, et al	Regulation of UVR8 photoreceptor dimer/monomer photo-equilibrium in Arabidopsis plants grown under photoperiodic conditions	2016	Plant, Cell and Environment				<a href="http://onlinelibrary.wiley.com/journal/10.1111/(ISSN)1365-3040/accepted">http://onlinelibrary.wiley.com/journal/10.1111/(ISSN)1365-3040/accepted</a>
Red/Far Red Fibre optic system	J. Zhu, et al	High productivity of wheat intercropped with maize is associated with plant architectural responses	2016	Annals of Applied Biology				<a href="http://onlinelibrary.wiley.com/journal/10.1111/(ISSN)1744-7348/earlyview">http://onlinelibrary.wiley.com/journal/10.1111/(ISSN)1744-7348/earlyview</a>
PAR Energy Sensor	Stuart C. Paintera, et al	Seasonality, phytoplankton succession and the biogeochemical impacts of an autumn storm in the northeast Atlantic Ocean	2016	Progress in Oceanography	Available online 17 February 2016		Page 2.7.4.	<a href="http://www.sciencedirect.com/science/article/pii/S0079661116000173">http://www.sciencedirect.com/science/article/pii/S0079661116000173</a>
UVB Sensor	G. Doupis, et al	Comparative effects of water deficit and enhanced UV-B radiation on photosynthetic capacity and leaf anatomy traits of two grapevine (Vitis vinifera L.) cultivars	2016	Theoretical and Experimental Plant Physiology	First online: 27 February 2016		Pages 1 - 11	<a href="http://link.springer.com/article/10.1007/s40626-016-0055-9">http://link.springer.com/article/10.1007/s40626-016-0055-9</a>
PAR Quantum Sensor	Xuefei Li , et al	Net Assimilation Rate Determines the Growth Rates of 14 Species of Subtropical Forest Trees	2016	PLOS ONE	08/03/2016			<a href="http://journals.plos.org/plosone/article?id=10.1371%2Fjournal.pone.0150644">http://journals.plos.org/plosone/article?id=10.1371%2Fjournal.pone.0150644</a>
UVB Sensor	Dr. Aruppillai Suthaparan, et al	Suppression of Powdery Mildews by UV-B: Application Frequency and Timing, Dose, Reflectance, and Automation	2016	Plant Disease	Vol 100	Issue 3		<a href="http://apsjournals.apsnet.org/doi/abs/10.1094/PDIS-12-15-1440-RE">http://apsjournals.apsnet.org/doi/abs/10.1094/PDIS-12-15-1440-RE</a>
Red/Far Red Sensor	Frida Lindwall, et al	Arctic summer warming causes four-fold higher tundra volatile emissions	2016	Journal of Geophysical Research: Biogeosciences				<a href="http://onlinelibrary.wiley.com/wol1/doi/10.1002/2015JG003295/abstract">http://onlinelibrary.wiley.com/wol1/doi/10.1002/2015JG003295/abstract</a>
Pyranometer Sensor	S. Shahidian, et al	Leaf water potential and sap flow as indicators of water stress in Crimson 'seedless' grapevines under different irrigation strategies	2016	Theoretical and Experimental Plant Physiology	First online: 11 March 2016		Page 1 - 19	<a href="http://link.springer.com/article/10.1007/s40626-016-0064-8">http://link.springer.com/article/10.1007/s40626-016-0064-8</a>
SpectroSense 2 Meter	Marçal Gallemí, et al	DRACULA2, a dynamic nucleoporin with a role in the regulation of the shade avoidance syndrome in Arabidopsis	2016	Development	Vol 143	06-Jan-00		<a href="http://dev.biologists.org/content/early/2016/03/17/dev.130211.abstract">http://dev.biologists.org/content/early/2016/03/17/dev.130211.abstract</a>
PAR Quantum Sensor	Alrun SiebenkäsAffiliated et al	Functional composition rather than species richness determines root characteristics of experimental grasslands grown at different light and nutrient availability	2016	Plant and Soil			Pages 1 - 14	<a href="http://link.springer.com/article/10.1007/s11104-016-2853-x">http://link.springer.com/article/10.1007/s11104-016-2853-x</a>

Red/ Far Red Sensor	Mariana L. Biancullia, et al	Contribution of incident solar radiation on leaves and pods to soybean seed weight and composition	2016	European Journal of Agronomy	Vol 77	Jul-16	Pages 1 - 9	<a href="http://www.sciencedirect.com/science/article/pii/S161030116300478">http://www.sciencedirect.com/science/article/pii/S161030116300478</a>
PAR Special Sensor	Jose A Navarro-Cano, et al	Same nurse but different time: temporal divergence in the facilitation of plant lineages with contrasted functional syndromes	2016	Functional Ecology	posted online 22/3/16			<a href="http://onlinelibrary.wiley.com/doi/10.1111/1365-2435.12660/full">http://onlinelibrary.wiley.com/doi/10.1111/1365-2435.12660/full</a>
SKP 215 with SKP 200 display meter	Irina Ovčarenko, et al	Preconditioning of the generalist herbivore <i>Trialeurodes vaporariorum</i> to greenhouse monocultures and its subsequent performance on wild polycultures	2016	Entomologia Experimentalis et Applicata	posted online 20/3/16			<a href="http://onlinelibrary.wiley.com/doi/10.1111/eea.12428/full">http://onlinelibrary.wiley.com/doi/10.1111/eea.12428/full</a>
2 Channel Custom Sensor	Ania M. Kowalskia, et al	Agronomic assessment of the wheat semi-dwarfing gene <i>Rht8</i> in contrasting nitrogen treatments and water regimes	2016	Field Crops Research	Available on line 25/3/16			<a href="http://www.sciencedirect.com/">http://www.sciencedirect.com/</a>
PAR Energy Sensor	K. Tomanova, et al	The magnetic orientation of the Antarctic amphipod <i>Gondogeneia antarctica</i> is cancelled by very weak radiofrequency fields	2016	Journal of Experimental Botany	15/03/2016			<a href="http://jeb.biologists.org/content/early/2016/03/24/jeb.132878">http://jeb.biologists.org/content/early/2016/03/24/jeb.132878</a>
Red/ Far Red Sensor	Hazel Aynaga Navidad	Impact of additional blue light in the production of small plants of <i>Abies laciocarpa</i> and <i>Picea abies</i> propagated by seeds and stem cuttings	2016	Thesis - published on line March 2016			Page 19	<a href="http://brage.bibsys.no/xmlui/bitstream/handle/11250/2383572/MASTER%20THESIS%2030%20credits%20HAN.pdf?sequence=1&amp;isAllowed=y">http://brage.bibsys.no/xmlui/bitstream/handle/11250/2383572/MASTER%20THESIS%2030%20credits%20HAN.pdf?sequence=1&amp;isAllowed=y</a>
Red Far Red Sensor and Meter	Andrew McKenzie-Gopsill	Morphological, Molecular and Physiological Mechanisms of Early Season Weed Competition in Soybean	2016	Thesis - published on line April 2016			Page 21	<a href="http://atrium.lib.uoguelph.ca/xmlui/bitstream/handle/10214/9587/McKenzieGopsill_Andrew_201603_PhD.pdf?sequence=1&amp;isAllowed=y">http://atrium.lib.uoguelph.ca/xmlui/bitstream/handle/10214/9587/McKenzieGopsill_Andrew_201603_PhD.pdf?sequence=1&amp;isAllowed=y</a>
2 Channel Custom Sensor	John E. Hunt, et al	Carbon budgets for an irrigated intensively-grazed dairy pasture and an unirrigated winter-grazed pasture	2016	Biogeosciences Discuss			Page 5	<a href="http://www.biogeosciences-discuss.net/bg-2016-46/bg-2016-46.pdf">http://www.biogeosciences-discuss.net/bg-2016-46/bg-2016-46.pdf</a>
SpectroSense 2+ Meter	David Saravia, et al	Yield and Physiological Response of Potatoes Indicate Different Strategies to Cope with Drought Stress and Nitrogen Fertilization	2016	American Journal of Potato Research	First on-line 25/3/16		Page 1 - 8	<a href="http://link.springer.com/article/10.1007/s12230-016-9505-9">http://link.springer.com/article/10.1007/s12230-016-9505-9</a>
PAR Quantum Sensor	ZOE M. HARRIS, et al	Land-use change to bioenergy: grassland to short rotation coppice willow has an improved carbon balance	2016	BioEnergy Research	Wiley online library		Page 4	<a href="http://onlinelibrary.wiley.com/doi/10.1111/gcbb.12347/pdf">http://onlinelibrary.wiley.com/doi/10.1111/gcbb.12347/pdf</a>
Red/ Far Red Sensor	A G Mckenzie-Gopsill, et al	Rapid and early changes in morphology and gene expression in soya bean seedlings emerging in the presence of neighbouring weeds	2016	Weed Research	Article first published online: 25 APR 2016			<a href="http://onlinelibrary.wiley.com/doi/10.1111/wre.12207/abstract?sessionId=87C6918BA3FC04D2736F7930DE35DA8F.f02t01?userIsAuthenticated=false&amp;deniedAccessCustomisedMessage=">http://onlinelibrary.wiley.com/doi/10.1111/wre.12207/abstract?sessionId=87C6918BA3FC04D2736F7930DE35DA8F.f02t01?userIsAuthenticated=false&amp;deniedAccessCustomisedMessage=</a>
4 Channel Custom Sensor	Caitlin E. Moore, et al	The contribution of trees and grasses to productivity of an Australian tropical savanna	2015	Biogeosciences		Issue 13	Pages 2387–2403	<a href="http://www.biogeosciences.net/13/2387/2016/bg-13-2387-2016.pdf">http://www.biogeosciences.net/13/2387/2016/bg-13-2387-2016.pdf</a>
Red/ Far Red Sensor	Sasan Amirsadeghi, et al	Changes in light quality alter physiological responses of soybean to thiamethoxam	2016	Planta			Pages 1 - 12	<a href="http://link.springer.com/article/10.1007/s00425-016-2531-5">http://link.springer.com/article/10.1007/s00425-016-2531-5</a>
PAR Quantum Sensor	Audrey Leopolda, et al	Net ecosystem CO <sub>2</sub> exchange in the "Coeur de Voh" mangrove, New Caledonia: Effects of water stress on mangrove productivity in a semi-arid climate	2016	Agricultural and Forest Meteorology	Volume 223	15/06/2016	Pages 217–232	<a href="http://www.sciencedirect.com/science/article/pii/S0168192316302374">http://www.sciencedirect.com/science/article/pii/S0168192316302374</a>
Red / Far Red sensor	Ingeborg Klingena, et al	Effect of light quality and light-dark cycle on sporulation patterns of the mite pathogenic fungus <i>Neozygites floridana</i> (Neozygiales: Entomophthoromycota), a natural enemy of <i>Tetranychus urticae</i>	2016	Journal of Invertebrate Pathology	Volume 137	01/06/2016	Pages 43 - 48	<a href="http://www.sciencedirect.com/science/article/pii/S0022201116300465">http://www.sciencedirect.com/science/article/pii/S0022201116300465</a>
Red/ Far Red Sensor and Meter	Ignacio Sevillano, et al	Effects of light availability on morphology, growth and biomass allocation of <i>Fagus sylvatica</i> and <i>Quercus robur</i> seedlings	2016	Forest Ecology and Management	Volume 374	15/08/2016	Pages 11 - 19	<a href="http://www.sciencedirect.com/science/article/pii/S0378112716302201">http://www.sciencedirect.com/science/article/pii/S0378112716302201</a>

Red/ Far Red Sensor and Meter	Andrew G. McKenzie-Gopsill, et al	Does the presence of neighbouring weeds alter the expression of adaptive plasticity to subsequent drought stress in soybean?	2016	Field Crops Research	02/05/2016			<a href="http://www.sciencedirect.com/science/article/pii/S0378429016301216">http://www.sciencedirect.com/science/article/pii/S0378429016301216</a>
	Tracy Adolea, et al	A systematic review of vegetation phenology in Africa	2016	Elsevier	Volume 34	01/07/2016	Pages 117 - 128	<a href="http://www.sciencedirect.com/science/article/pii/S1574954116300553">http://www.sciencedirect.com/science/article/pii/S1574954116300553</a>
PAR Quantum Sensor	Llorenç Cabrera-Bosque, et al	High throughput estimation of incident light, light interception and radiation-use efficiency of thousands of plants in a phenotyping platform	2016	New Phytologist	01/06/2016			<a href="https://www.researchgate.net/publication/303073165_High_throughput_estimation_of_incident_light_light_interception_and_radiation-use_efficiency_of_thousands_of_plants_in_a_phenotyping_platform">https://www.researchgate.net/publication/303073165_High_throughput_estimation_of_incident_light_light_interception_and_radiation-use_efficiency_of_thousands_of_plants_in_a_phenotyping_platform</a>