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### 3.3.1: Research papers published by the teachers in the Journals notified on UGC care list during 2017.

1	Asomiya Xixu-Kabita : Ek Bishleshanatmak Adhyayan	Rukunuddin Ahmed	Assamese	Dristi : The Sight	2017	ISSN 2319-8281	<a href="https://www.drishtithesight.com/">https://www.drishtithesight.com/</a>		UGC care list
2	Facile route for the regioselective synthesis of 1,4-disubstituted 1,2,3-triazole using copper nanoparticles supported on nanocellulose as recyclable heterogeneous catalyst	Mitali Chetia, Abdul A Ali, Ankur Bordoloi, Diganta Sarma	Chemistry	Journal of Chemical Sciences	2017	0974-3626 (print) 0973-7103 (web)	<a href="https://www.springer.com/journal/12039">https://www.springer.com/journal/12039</a>	<a href="https://link.springer.com/article/10.1007/s12039-017-1318-y">https://link.springer.com/article/10.1007/s12039-017-1318-y</a>	Web of Science
3	A global reference database of crowd sourced cropland data collected using the Geo-Wiki platform.	Kuleswar Singha et al	Geography	Scientific Data (Nature Publishing Group)	2017	20524463	<a href="https://www.nature.com/sdata/">https://www.nature.com/sdata/</a>	<a href="https://www.nature.com/articles/sdata2017136">https://www.nature.com/articles/sdata2017136</a>	Web of Science
4	Note: Current induced fluctuations in the orientation of the beam diffracted by a Liquid Crystal Spatial Light Modulator	Dr. Santanu Konwar and B R Boruah	Physics	Review of Scientific Instruments (RSI)	2017	0034-6748 (print); 1089-7623 (online)	<a href="https://aip.scitation.org/journal/rsi">https://aip.scitation.org/journal/rsi</a>	<a href="https://aip.scitation.org/doi/10.1063/1.4985636">https://aip.scitation.org/doi/10.1063/1.4985636</a>	Web of Science

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## Facile route for the regioselective synthesis of 1,4-disubstituted 1,2,3-triazole using copper nanoparticles supported on nanocellulose as recyclable heterogeneous catalyst

[Mitali Chetia](#), [Abdul A Ali](#), [Ankur Bordoloi](#) & [Diganta Sarma](#) 

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### Abstract

In this work, a green and efficient methodology has been developed for the synthesis of 1,2,3-triazoles by 'copper nanoparticles supported on nanocellulose (CuNPs/NC)-catalyzed azide-alkyne cycloaddition reaction in glycerol, an environmentally benign solvent, with excellent yields. The present catalyst was characterized by TEM, XRD, SEM-EDX and FT-IR spectroscopy. The reusability of the prepared nanocatalyst was examined up to five times

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### Abstract

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# A global reference database of crowdsourced cropland data collected using the Geo-Wiki platform

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# Note: Current induced fluctuations in the orientation of the beam diffracted by a liquid crystal spatial light modulator

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