cases	doc_1		doc_2		decision	id
		Macedo, D.     Ren, T.     Zanchettin, C.		David MacÃado     Tsang Ing Ren     Cleber Zanchettin     Adriano L. I. Oliveira     Teresa Ludermir		
	authors	Oliveira, A.     Ludermir, T.  Entropic Out-of-Distribution Detection: Seamless Detection of Unknown Examples	title	Entropic Out-of-Distribution Detection: Seamless Detection of Unknown Examples		
			<u>-</u>	2021-08-04 00:00:00 SupportedSources.INTERNET ARCHIVE		
			journal	SupportedSources.INTERNET_ARCHIVE		
			volume			
	publication_date	2022-01-01 00:00:00	doi			
	source	SupportedSources.CROSSREF	urls	• https://web.archive.org/web/20210810034140/https://arxiv.org/pdf/2006.04005v3.pdf	DUPLICATES 89	
	volume		id	id5285811626360868691		
	doi	10.1109/tnnls.2021.3112897	abstract	model or training changes. Additionally, the models trained with IsoMax loss produce as fast and energy-efficient inferences as those trained using SoftMax loss. Moreover, no classification accuracy drop is observed. The proposed method does not rely on		
	urls	<ul> <li>http://xplorestaging.ieee.org/ielx7/5962385/9786556/09556483.pdf? arnumber=9556483</li> <li>http://dx.doi.org/10.1109/tnnls.2021.3112897</li> </ul>				
	id	id-3325421304135005539				
	abstract					
	versions			outlier/background data, hyperparameter tuning, temperature calibration, feature extraction, metric learning, adversarial training, ensemble procedures, or generative models. Our experiments showed that IsoMax loss works as a seamless SoftMax loss drop-in replacement that significantly improves neural networks' OOD detection performance. Hence, it may be used as a baseline OOD detection approach to be combined with current or future OOD detection techniques to achieve even higher results.		