



# A new mechanism for mass-independent fractionation of quadruple stable sulfur isotopes: Evidence from their sister isotope $^{35}\text{S}$ and its consequence for the Archean record

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JSPS

2008	2013				2018	
		UCSD			/	2008
2011						
		UCSD				
						Mass-Independent
Fractionation	MIF		Thiemens			MIF
						1
	$^{35}\text{S}$					2
	MIF				/	
	3			35	/ /	
		SCI	20		9	PNAS
Anal Chem	2	GRL	2		JGR	ACP