



			intermetallic compounds	IMCs	
46	Pt		IMCs		IMCs
					“Sulfur-anchoring synthesis of platinum Science
intermetallic nanoparticle catalysts for fuel cells”					
—					
(Science Advances 2018, 4, eaat0788	Science Advances 2019, 5, eaax6322	Nature Communications 2019, 10 ,			
4977	Nature Communications 2021, 12 , 3135	Nature Communications 2021, 12, 4865)			S-C
			46	Pt	IMCs
					20
3d		p	26	IMCs	Pt
5	IMCs				
	IMCs				
	IMCs				



研究进展



• (Nature Chemistry 2021,
DOI: 10.1038/s41557-021-00800-4)





研究进展

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研究进展



“Physically Motivated Recursively Embedded Atom Neural Networks: Incorporating Local Completeness and Nonlocality” (Physical Review Letters)

/

J. Phys. Chem. Lett. 2019, 10, 4962

LED

LED EQE 23.2%

“Polymerized hybrid perovskites with enhanced stability, flexibility, and lattice rigidity”
Advanced Materials

LED

LED

80 K

4- VBA

/

/

LED 300 K

LED EQE

23.2% LED