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In-operando surface-sensitive probing of electrochemical reactions on nanoparticle electrocatalysts: Spectroscopic characterization of reaction intermediates and elementary steps of oxygen reduction reaction on Pt

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Journal of Catalysis, 2021, 396, 32-39.

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8	In-situ and operando spectroscopies for the characterization of catalysts and of mechanisms of catalytic reactions. <i>Journal of Catalysis</i> , 2021 ,	7.3	6
7	Microkinetic modeling in electrocatalysis: Applications, limitations, and recommendations for reliable mechanistic insights. <i>Journal of Catalysis</i> , 2021 , 404, 864-864	7.3	4
6	Outstanding Oxygen Reduction Reaction Catalytic Performance of InPtNi Octahedral Nanoparticles Designed via Computational Dopant Screening. <i>Chemistry of Materials</i> ,	9.6	1
5	Recent Progress and Challenges in Plasmon-Mediated Reduction of CO ₂ to Chemicals and Fuels. <i>Advanced Materials Interfaces</i> , 2102383	4.6	4
4	Experimental characterization techniques for plasmon-assisted chemistry. <i>Nature Reviews Chemistry</i> ,	34.6	8
3	Enhancing the connection between computation and experiments in electrocatalysis. <i>Nature Catalysis</i> , 2022 , 5, 374-381	36.5	4
2	Understanding Electrocatalysis at Nanoscale Electrodes and Single Atoms with Operando Vibrational Spectroscopy. 2022 , 100682		
1	Elucidating the Roles of Local and Nonlocal Rate Enhancement Mechanisms in Plasmonic Catalysis. 2022 , 144, 19990-19998		7