

# Qianqi Lin

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1234662/publications.pdf>

Version: 2024-02-01

19  
papers

487  
citations

840776

11  
h-index

839539

18  
g-index

19  
all docs

19  
docs citations

19  
times ranked

765  
citing authors

#	ARTICLE	IF	CITATIONS
1	Scalable electrochromic nanopixels using plasmonics. <i>Science Advances</i> , 2019, 5, eaaw2205.	10.3	139
2	Two-Electron, Two-Proton Oxidation of Catechol: Kinetics and Apparent Catalysis. <i>Journal of Physical Chemistry C</i> , 2015, 119, 1489-1495.	3.1	122
3	Mechanistic study of an immobilized molecular electrocatalyst by in situ gap-plasmon-assisted spectro-electrochemistry. <i>Nature Catalysis</i> , 2021, 4, 157-163.	34.4	36
4	Use of $\pi$ -split waves <sup>TM</sup> for the measurement of electrocatalytic kinetics: methyl viologen mediated oxygen reduction on a boron-doped diamond electrode. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 7760.	2.8	24
5	Quantifying Adsorption on Single Alumina Particles via Impact Voltammetry and Current Transient Analysis. <i>Journal of Physical Chemistry C</i> , 2015, 119, 23463-23469.	3.1	21
6	Altered Electrochemistry at Graphene- or Alumina-Modified Electrodes: Catalysis vs Electrocatalysis in Multistep Electrode Processes. <i>Journal of Physical Chemistry C</i> , 2015, 119, 13777-13784.	3.1	20
7	FullyPrinted Flexible Plasmonic Metafilms with Directional Color Dynamics. <i>Advanced Science</i> , 2021, 8, 2002419.	11.2	20
8	Stochastic detection and characterisation of individual ferrocene derivative tagged graphene nanoplatelets. <i>Analyst</i> , 2016, 141, 2696-2703.	3.5	19
9	Breaking the Selection Rules of Spin-Forbidden Molecular Absorption in Plasmonic Nanocavities. <i>ACS Photonics</i> , 2020, 7, 2337-2342.	6.6	15
10	Optical suppression of energy barriers in single molecule-metal binding. <i>Science Advances</i> , 2022, 8, .	10.3	13
11	Tracking interfacial single-molecule pH and binding dynamics via vibrational spectroscopy. <i>Science Advances</i> , 2021, 7, .	10.3	12
12	Vibrational Stark Effects: Ionic Influence on Local Fields. <i>Journal of Physical Chemistry Letters</i> , 2022, 13, 4905-4911.	4.6	11
13	Nanoimpacts Reveal the Electron $\rightarrow$ Transfer Kinetics of the Ferrocene/Ferrocenium Couple Immobilised on Graphene Nanoplatelets. <i>ChemElectroChem</i> , 2016, 3, 1478-1483.	3.4	9
14	Catalytic Single-Particle Nano-Impacts: Theory and Experiment. Poly(vinylferrocene)-Modified Graphene Nanoplatelet Mediated l-Cysteine Oxidation. <i>Journal of Physical Chemistry C</i> , 2016, 120, 20216-20223.	3.1	8
15	Impacts reveal and quantify monolayer adsorption on single alumina particles. <i>Russian Journal of Electrochemistry</i> , 2017, 53, 994-1002.	0.9	8
16	Dynamics of deterministically positioned single $\rightarrow$ bond surface $\rightarrow$ enhanced Raman scattering from DNA origami assembled in plasmonic nanogaps. <i>Journal of Raman Spectroscopy</i> , 2021, 52, 348-354.	2.5	8
17	Methyl Viologen Mediated Oxygen Reduction in Ethanol Solvent: the Electrocatalytic Reactivity of the Radical Cation. <i>Journal of Electrochemical Science and Technology</i> , 2013, 4, 71-80.	2.2	1
18	Trapping plasmonic nanoparticles with MHz electric fields. <i>Applied Physics Letters</i> , 2022, 120, 203303.	3.3	1

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19	Methyl Viologen Mediated Oxygen Reduction in Ethanol Solvent: the Electrocatalytic Reactivity of the Radical Cation. <i>Journal of Electrochemical Science and Technology</i> , 2013, 4, 71-80.	2.2	0