

# Vitor Brasiliense

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5036214/publications.pdf>

Version: 2024-02-01

22  
papers

627  
citations

759233

12  
h-index

752698

20  
g-index

22  
all docs

22  
docs citations

22  
times ranked

677  
citing authors

#	ARTICLE	IF	CITATIONS
1	Local Surface Chemistry Dynamically Monitored by Quantitative Phase Microscopy. <i>Small Methods</i> , 2022, 6, e2100737.	8.6	4
2	Nanopipette-based electrochemical SERS platforms: Using electrodeposition to produce versatile and adaptable plasmonic substrates. <i>Journal of Raman Spectroscopy</i> , 2021, 52, 339-347.	2.5	9
3	Single-Molecule Charge Transport through Positively Charged Electrostatic Anchors. <i>Journal of the American Chemical Society</i> , 2021, 143, 2886-2895.	13.7	43
4	Plasmon-Driven Chemistry in Ferri-/Ferrocyanide Gold Nanoparticle Oligomers: A SERS Study. <i>Journal of the American Chemical Society</i> , 2020, 142, 13120-13129.	13.7	20
5	Effect of the driving force on nanoparticles growth and shape: an opto-electrochemical study. <i>Nanoscale</i> , 2020, 12, 3227-3235.	5.6	11
6	<i>Operando</i> Observation of Molecular-Scale Manipulation Using Electrochemical Tip-Enhanced Raman Spectroscopy. <i>Journal of Physical Chemistry C</i> , 2018, 122, 24329-24333.	3.1	16
7	Light Driven Design of Dynamical Thermosensitive Plasmonic Superstructures: A Bottom-Up Approach Using Silver Supercrystals. <i>ACS Nano</i> , 2018, 12, 10833-10842.	14.6	13
8	Monitoring Cobalt-Oxide Single Particle Electrochemistry with Subdiffraction Accuracy. <i>Analytical Chemistry</i> , 2018, 90, 7341-7348.	6.5	33
9	Single Nanoparticle Growth from Nanoparticle Tracking Analysis: From Monte Carlo Simulations to Nanoparticle Electrogenation. <i>ChemElectroChem</i> , 2018, 5, 3036-3043.	3.4	8
10	Holographic microscopy superlocalization monitors the electrochemical transformation of single nanoparticles (Conference Presentation). , 2018, , .		0
11	Opto-electrochemical In Situ Monitoring of the Cathodic Formation of Single Cobalt Nanoparticles. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 10598-10601.	13.8	48
12	Platinum Nanoparticle Impacts at a Liquid   Liquid Interface. <i>Angewandte Chemie</i> , 2017, 129, 13678-13682.	2.0	13
13	Platinum Nanoparticle Impacts at a Liquid   Liquid Interface. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 13493-13497.	13.8	44
14	Optoelektrochemische In-situ-Beobachtung der kathodischen Abscheidung einzelner Cobaltnanopartikel. <i>Angewandte Chemie</i> , 2017, 129, 10734-10737.	2.0	5
15	Electrochemistry of single nanoparticles: general discussion. <i>Faraday Discussions</i> , 2016, 193, 387-413.	3.2	13
16	Electrochemical transformation of individual nanoparticles revealed by coupling microscopy and spectroscopy. <i>Faraday Discussions</i> , 2016, 193, 339-352.	3.2	28
17	Electrochemistry of Single Nanodomains Revealed by Three-Dimensional Holographic Microscopy. <i>Accounts of Chemical Research</i> , 2016, 49, 2049-2057.	15.6	49
18	Electron Transfer to a Phosphomolybdate Monolayer on Glassy Carbon: Ambivalent Effect of Protonation. <i>Inorganic Chemistry</i> , 2016, 55, 6929-6937.	4.0	15

#	ARTICLE	IF	CITATIONS
19	Correlated Electrochemical and Optical Detection Reveals the Chemical Reactivity of Individual Silver Nanoparticles. <i>Journal of the American Chemical Society</i> , 2016, 138, 3478-3483.	13.7	136
20	Holographic Superlocalization of Individual Silver Nanoparticle Impacts in Micro-electrochemical Cells., 2016, , .		0
21	Genericity of confined chemical garden patterns with regard to changes in the reactants. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 12804-12811.	2.8	54
22	Deciphering the Elementary Steps of Transport-Reaction Processes at Individual Ag Nanoparticles by 3D Superlocalization Microscopy. <i>Nano Letters</i> , 2015, 15, 6454-6463.	9.1	65