

# Kristina Tschulik

## List of Publications by Citations

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136  
papers

3,418  
citations

33  
h-index

48  
g-index

153  
ext. papers

4,061  
ext. citations

6.5  
avg, IF

5.69  
L-index

#	Paper	IF	Citations
136	Reversible or not? Distinguishing agglomeration and aggregation at the nanoscale. <i>Analytical Chemistry</i> , <b>2015</b> , 87, 10033-9	7.8	100
135	The anodic stripping voltammetry of nanoparticles: electrochemical evidence for the surface agglomeration of silver nanoparticles. <i>Nanoscale</i> , <b>2013</b> , 5, 4884-93	7.7	97
134	Electrochemical observation of single collision events: fullerene nanoparticles. <i>ACS Nano</i> , <b>2014</b> , 8, 7648-54.7	5.7	91
133	In situ nanoparticle sizing with zeptomole sensitivity. <i>Analyst, The</i> , <b>2015</b> , 140, 5048-54	5	83
132	Planar diffusion to macro disc electrodes: What electrode size is required for the Cottrell and Randles-Sevcik equations to apply quantitatively?. <i>Journal of Solid State Electrochemistry</i> , <b>2014</b> , 18, 3251-3257	2.6	82
131	Coulometric sizing of nanoparticles: Cathodic and anodic impact experiments open two independent routes to electrochemical sizing of Fe <sub>3</sub> O <sub>4</sub> nanoparticles. <i>Nano Research</i> , <b>2013</b> , 6, 836-841	10	80
130	Electrochemical detection of single E. coli bacteria labeled with silver nanoparticles. <i>Biomaterials Science</i> , <b>2015</b> , 3, 816-20	7.4	77
129	A materials driven approach for understanding single entity nano impact electrochemistry. <i>Current Opinion in Electrochemistry</i> , <b>2017</b> , 6, 38-45	7.2	74
128	Electrochemical detection of chloride levels in sweat using silver nanoparticles: a basis for the preliminary screening for cystic fibrosis. <i>Analyst, The</i> , <b>2013</b> , 138, 4292-7	5	68
127	Get more out of your data: a new approach to agglomeration and aggregation studies using nanoparticle impact experiments. <i>ChemistryOpen</i> , <b>2013</b> , 2, 69-75	2.3	68
126	The use of cylindrical micro-wire electrodes for nano-impact experiments; facilitating the sub-picomolar detection of single nanoparticles. <i>Sensors and Actuators B: Chemical</i> , <b>2014</b> , 200, 47-52	8.5	66
125	Single graphene nanoplatelets: capacitance, potential of zero charge and diffusion coefficient. <i>Chemical Science</i> , <b>2015</b> , 6, 2869-2876	9.4	65
124	On the action of magnetic gradient forces in micro-structured copper deposition. <i>Electrochimica Acta</i> , <b>2010</b> , 55, 9060-9066	6.7	64
123	Molecular-Scale Hybridization of Clay Monolayers and Conducting Polymer for Thin-Film Supercapacitors. <i>Advanced Functional Materials</i> , <b>2015</b> , 25, 2745-2753	15.6	62
122	Performance of silver nanoparticles in the catalysis of the oxygen reduction reaction in neutral media: Efficiency limitation due to hydrogen peroxide escape. <i>Nano Research</i> , <b>2013</b> , 6, 511-524	10	62
121	Intrinsic Activity of Oxygen Evolution Catalysts Probed at Single CoFeO Nanoparticles. <i>Journal of the American Chemical Society</i> , <b>2019</b> , 141, 9197-9201	16.4	60
120	Electrochemical Detection of Glutathione Using a Poly(caffeic acid) Nanocarbon Composite Modified Electrode. <i>Electroanalysis</i> , <b>2014</b> , 26, 366-373	3	55

119	Electrochemical studies of silver nanoparticles: a guide for experimentalists and a perspective. <i>Physical Chemistry Chemical Physics</i> , <b>2014</b> , 16, 616-23	3.6	54
118	Simultaneous Opto- and Spectro-Electrochemistry: Reactions of Individual Nanoparticles Uncovered by Dark-Field Microscopy. <i>Journal of the American Chemical Society</i> , <b>2018</b> , 140, 12658-12661	16.4	51
117	Nanoparticle impacts show high-ionic-strength citrate avoids aggregation of silver nanoparticles. <i>ChemPhysChem</i> , <b>2013</b> , 14, 3895-7	3.2	47
116	Impact of magnetic field gradients on the free corrosion of iron. <i>Electrochimica Acta</i> , <b>2010</b> , 55, 5200-5208	3.7	47
115	Electrochemical detection of commercial silver nanoparticles: identification, sizing and detection in environmental media. <i>Nanotechnology</i> , <b>2013</b> , 24, 444002	3.4	45
114	Effects of well-defined magnetic field gradients on the electrodeposition of copper and bismuth. <i>Electrochemistry Communications</i> , <b>2009</b> , 11, 2241-2244	5.1	45
113	Single Nanoparticle Voltammetry: Contact Modulation of the Mediated Current. <i>Angewandte Chemie - International Edition</i> , <b>2016</b> , 55, 4296-9	16.4	45
112	Nanoparticle impacts reveal magnetic field induced agglomeration and reduced dissolution rates. <i>Physical Chemistry Chemical Physics</i> , <b>2014</b> , 16, 13909-13	3.6	44
111	Magnetic vortex observation in FeCo nanowires by quantitative magnetic force microscopy. <i>Applied Physics Letters</i> , <b>2014</b> , 105, 172409	3.4	44
110	Effect of high gradient magnetic fields on the anodic behaviour and localized corrosion of iron in sulphuric acid solutions. <i>Corrosion Science</i> , <b>2011</b> , 53, 3222-3230	6.8	41
109	Electrochemistry at single bimetallic nanoparticles - using nano impacts for sizing and compositional analysis of individual AgAu alloy nanoparticles. <i>Faraday Discussions</i> , <b>2016</b> , 193, 327-338	3.6	41
108	The Electrochemical Characterization of Single Core-Shell Nanoparticles. <i>Angewandte Chemie - International Edition</i> , <b>2016</b> , 55, 397-400	16.4	40
107	Chemical interactions between silver nanoparticles and thiols: a comparison of mercaptohexanol against cysteine. <i>Science China Chemistry</i> , <b>2014</b> , 57, 1199-1210	7.9	40
106	Advancing from Rules of Thumb: Quantifying the Effects of Small Density Changes in Mass Transport to Electrodes. Understanding Natural Convection. <i>Analytical Chemistry</i> , <b>2015</b> , 87, 7226-34	7.8	34
105	Structured electrodeposition in magnetic gradient fields. <i>European Physical Journal: Special Topics</i> , <b>2013</b> , 220, 287-302	2.3	33
104	Magnetic field effects on the active dissolution of iron. <i>Electrochimica Acta</i> , <b>2011</b> , 56, 5866-5871	6.7	33
103	Metal-Rich Chalcogenides for Electrocatalytic Hydrogen Evolution: Activity of Electrodes and Bulk Materials. <i>ChemElectroChem</i> , <b>2020</b> , 7, 1514-1527	4.3	32
102	Time-resolved impact electrochemistry for quantitative measurement of single-nanoparticle reaction kinetics. <i>Nano Research</i> , <b>2017</b> , 10, 3680-3689	10	31

101	Nano Impact Electrochemistry: Effects of Electronic Filtering on Peak Height, Duration and Area. <i>ChemElectroChem</i> , <b>2018</b> , 5, 3000-3005	4.3	30
100	Electrochemical C-H Cyanation of Electron-Rich (Hetero)Arenes. <i>Chemistry - A European Journal</i> , <b>2018</b> , 24, 11288-11291	4.8	30
99	Simultaneous electrochemical and 3D optical imaging of silver nanoparticle oxidation. <i>Chemical Physics Letters</i> , <b>2014</b> , 597, 20-25	2.5	30
98	Studies on the patterning effect of copper deposits in magnetic gradient fields. <i>Electrochimica Acta</i> , <b>2010</b> , 56, 297-304	6.7	30
97	A Critical Evaluation of the Interpretation of Electrocatalytic Nanoimpacts. <i>Journal of Physical Chemistry C</i> , <b>2014</b> , 118, 17756-17763	3.8	29
96	Enrichment of Paramagnetic Ions from Homogeneous Solutions in Inhomogeneous Magnetic Fields. <i>Journal of Physical Chemistry Letters</i> , <b>2012</b> , 3, 3559-64	6.4	28
95	Nanoparticle Capping Agent Dynamics and Electron Transfer: Polymer-Gated Oxidation of Silver Nanoparticles. <i>Journal of Physical Chemistry C</i> , <b>2015</b> , 119, 18808-18815	3.8	27
94	Are Nanoparticles Spherical or Quasi-Spherical?. <i>Chemistry - A European Journal</i> , <b>2015</b> , 21, 10741-6	4.8	27
93	Diffusional impacts of nanoparticles on microdisc and microwire electrodes: The limit of detection and first passage statistics. <i>Journal of Electroanalytical Chemistry</i> , <b>2015</b> , 755, 136-142	4.1	26
92	Electrochemical quantification of iodide ions in synthetic urine using silver nanoparticles: a proof-of-concept. <i>Analyst, The</i> , <b>2014</b> , 139, 3986-90	5	26
91	Strong negative nanocatalysis: oxygen reduction and hydrogen evolution at very small (2 nm) gold nanoparticles. <i>Nanoscale</i> , <b>2014</b> , 6, 11024-30	7.7	26
90	A kinetic study of oxygen reduction reaction and characterization on electrodeposited gold nanoparticles of diameter between 17 nm and 40 nm in 0.5 M sulfuric acid. <i>Nanoscale</i> , <b>2013</b> , 5, 9699-708	7.7	26
89	Effect of magnetization state on the corrosion behaviour of NdFeB permanent magnets. <i>Corrosion Science</i> , <b>2011</b> , 53, 2843-2852	6.8	26
88	Design Strategies for Electrocatalysts from an Electrochemist's Perspective. <i>ACS Catalysis</i> , <b>2021</b> , 11, 5318-5346	13.1	26
87	Piece by Piece-Electrochemical Synthesis of Individual Nanoparticles and their Performance in ORR Electrocatalysis. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 8221-8225	16.4	25
86	Core-Shell Nanoparticles: Characterizing Multifunctional Materials beyond Imaging Distinguishing and Quantifying Perfect and Broken Shells. <i>Advanced Functional Materials</i> , <b>2015</b> , 25, 5149-5158	15.6	25
85	In situ analysis of three-dimensional electrolyte convection evolving during the electrodeposition of copper in magnetic gradient fields. <i>Analytical Chemistry</i> , <b>2011</b> , 83, 3275-81	7.8	25
84	The Subtleties of the Reversible Hydrogen Evolution Reaction Arising from the Nonunity Stoichiometry. <i>Journal of Physical Chemistry C</i> , <b>2015</b> , 119, 9402-9410	3.8	24

83	Deciphering the Surface Composition and the Internal Structure of Alloyed Silver-Gold Nanoparticles. <i>Chemistry - A European Journal</i> , <b>2018</b> , 24, 9051-9060	4.8	23
82	Clarifying the mechanism of reverse structuring during electrodeposition in magnetic gradient fields. <i>Analytical Chemistry</i> , <b>2012</b> , 84, 2328-34	7.8	23
81	'Sticky electrodes' for the detection of silver nanoparticles. <i>Nanotechnology</i> , <b>2013</b> , 24, 295502	3.4	23
80	The fate of nano-silver in aqueous media. <i>Nanoscale</i> , <b>2015</b> , 7, 12361-4	7.7	22
79	Nanoparticle-Impact Experiments are Highly Sensitive to the Presence of Adsorbed Species on Electrode Surfaces. <i>ChemElectroChem</i> , <b>2014</b> , 1, 1057-1062	4.3	22
78	A disposable sticky electrode for the detection of commercial silver NPs in seawater. <i>Nanotechnology</i> , <b>2013</b> , 24, 505501	3.4	22
77	How to obtain structured metal deposits from diamagnetic ions in magnetic gradient fields?. <i>Electrochemistry Communications</i> , <b>2011</b> , 13, 946-950	5.1	22
76	The electrochemical dissolution of single silver nanoparticles enlightened by hyperspectral dark-field microscopy. <i>Electrochimica Acta</i> , <b>2019</b> , 301, 458-464	6.7	21
75	Magnetic control: Switchable ultrahigh magnetic gradients at Fe <sub>3</sub> O <sub>4</sub> nanoparticles to enhance solution-phase mass transport. <i>Nano Research</i> , <b>2015</b> , 8, 3293-3306	10	21
74	Non-Invasive Probing of Nanoparticle Electrostatics. <i>ChemElectroChem</i> , <b>2015</b> , 2, 112-118	4.3	21
73	Detection of individual nanoparticle impacts using etched carbon nanoelectrodes. <i>Electrochemistry Communications</i> , <b>2016</b> , 73, 67-70	5.1	20
72	Capacitance performance of cobalt hydroxide-based capacitors with utilization of near-neutral electrolytes. <i>Electrochimica Acta</i> , <b>2013</b> , 90, 166-170	6.7	20
71	Electrodeposition of separated 3D metallic structures by pulse-reverse plating in magnetic gradient fields. <i>Electrochimica Acta</i> , <b>2011</b> , 56, 5174-5177	6.7	20
70	Nanocarbon Paste Electrodes. <i>Electroanalysis</i> , <b>2013</b> , 25, 2435-2444	3	19
69	Operando Studies of the Electrochemical Dissolution of Silver Nanoparticles in Nitrate Solutions Observed With Hyperspectral Dark-Field Microscopy. <i>Frontiers in Chemistry</i> , <b>2019</b> , 7, 912	5	18
68	Exploring the mineral-water interface: reduction and reaction kinetics of single hematite (FeO) nanoparticles. <i>Chemical Science</i> , <b>2016</b> , 7, 1408-1414	9.4	18
67	Gold electrodes from recordable CDs for the sensitive, semi-quantitative detection of commercial silver nanoparticles in seawater media. <i>Sensors and Actuators B: Chemical</i> , <b>2014</b> , 195, 223-229	8.5	18
66	Metal-halide Nanoparticle Formation: Electrolytic and Chemical Synthesis of Mercury(II) Chloride Nanoparticles. <i>ChemElectroChem</i> , <b>2015</b> , 2, 522-528	4.3	18

65	Influence of Adsorption Kinetics upon the Electrochemically Reversible Hydrogen Oxidation Reaction. <i>Journal of Physical Chemistry C</i> , <b>2015</b> , 119, 16121-16130	3.8	17
64	Time-resolved impact electrochemistry - A new method to determine diffusion coefficients of ions in solution. <i>Electrochimica Acta</i> , <b>2018</b> , 282, 317-323	6.7	17
63	The strong catalytic effect of Pb(II) on the oxygen reduction reaction on 5 nm gold nanoparticles. <i>Physical Chemistry Chemical Physics</i> , <b>2014</b> , 16, 3200-8	3.6	17
62	Chemistry and Physical Properties of the Phosphide Telluride Zr <sub>2</sub> PTe <sub>2</sub> . <i>European Journal of Inorganic Chemistry</i> , <b>2009</b> , 2009, 3102-3110	2.3	17
61	Electrocrystallisation of metallic films under the influence of an external homogeneous magnetic field Early stages of the layer growth. <i>Electrochimica Acta</i> , <b>2010</b> , 55, 6533-6541	6.7	17
60	Antibacterial activity of microstructured sacrificial anode thin films by combination of silver with platinum group elements (platinum, palladium, iridium). <i>Materials Science and Engineering C</i> , <b>2017</b> , 74, 536-541	8.3	16
59	Diffusional Nanoimpacts: The Stochastic Limit. <i>Journal of Physical Chemistry C</i> , <b>2015</b> , 119, 14400-14410	3.8	16
58	Analysis of the electrolyte convection inside the concentration boundary layer during structured electrodeposition of copper in high magnetic gradient fields. <i>Analytical Chemistry</i> , <b>2013</b> , 85, 3087-94	7.8	16
57	Comment on "Magnetic structuring of electrodeposits". <i>Physical Review Letters</i> , <b>2012</b> , 109, 229401; author reply 229402	7.4	16
56	Capping agent promoted oxidation of gold nanoparticles: cetyl trimethylammonium bromide. <i>Physical Chemistry Chemical Physics</i> , <b>2015</b> , 17, 26054-8	3.6	15
55	Electrochemical Deposition of Co(Cu)/Cu Multilayered Nanowires. <i>Journal of the Electrochemical Society</i> , <b>2013</b> , 160, D13-D19	3.9	15
54	3D atomic-scale imaging of mixed Co-Fe spinel oxide nanoparticles during oxygen evolution reaction.. <i>Nature Communications</i> , <b>2022</b> , 13, 179	17.4	15
53	A proof-of-concept Using pre-created nucleation centres to improve the limit of detection in anodic stripping voltammetry. <i>Sensors and Actuators B: Chemical</i> , <b>2014</b> , 193, 315-319	8.5	14
52	Electrochemical micromachining of passive electrodes. <i>Electrochimica Acta</i> , <b>2013</b> , 109, 562-569	6.7	13
51	Electrochemistry of single nanoparticles: general discussion. <i>Faraday Discussions</i> , <b>2016</b> , 193, 387-413	3.6	13
50	In Situ Detection of Particle Aggregation on Electrode Surfaces. <i>ChemPhysChem</i> , <b>2015</b> , 16, 2338-47	3.2	12
49	The Surface Energy of Single Nanoparticles Probed via Anodic Stripping Voltammetry. <i>ChemElectroChem</i> , <b>2014</b> , 1, 87-89	4.3	12
48	Micropatterning of Fe-based bulk metallic glass surfaces by pulsed electrochemical micromachining. <i>Journal of Materials Research</i> , <b>2012</b> , 27, 3033-3040	2.5	12

47	Single Nanoparticle Voltammetry: Contact Modulation of the Mediated Current. <i>Angewandte Chemie</i> , <b>2016</b> , 128, 4368-4371	3.6	12
46	Improving the Rate of Silver Nanoparticle Adhesion to Sticky Electrodes—Stick and Strip Experiments at a DMSA-Modified Gold Electrode. <i>Electroanalysis</i> , <b>2014</b> , 26, 285-291	3	11
45	Ferrocene Aryl Derivatives for the Redox Tagging of Graphene Nanoplatelets. <i>Electroanalysis</i> , <b>2016</b> , 28, 197-202	3	11
44	Electrochemistry under confinement.. <i>Chemical Society Reviews</i> , <b>2022</b> ,	58.5	11
43	A Unified Interdisciplinary Approach to Design Antibacterial Coatings for Fast Silver Release. <i>ChemElectroChem</i> , <b>2017</b> , 4, 1975-1983	4.3	10
42	Evaluation of the intrinsic catalytic activity of nanoparticles without prior knowledge of the mass loading. <i>Faraday Discussions</i> , <b>2018</b> , 210, 317-332	3.6	10
41	Diffusional transport to and through thin-layer nanoparticle film modified electrodes: capped CdSe nanoparticle modified electrodes. <i>Physical Chemistry Chemical Physics</i> , <b>2014</b> , 16, 18034-41	3.6	10
40	Magnetostatic nearest neighbor interactions in a Co <sub>48</sub> Fe <sub>52</sub> nanowire array probed by in-field magnetic force microscopy. <i>Journal of Applied Physics</i> , <b>2015</b> , 118, 233901	2.5	10
39	The Electrochemical Characterization of Single Core-Shell Nanoparticles. <i>Angewandte Chemie</i> , <b>2016</b> , 128, 405-408	3.6	10
38	Single entity electrochemistry for the elucidation of lithiation kinetics of TiO <sub>2</sub> particles in non-aqueous batteries. <i>Nano Energy</i> , <b>2019</b> , 57, 827-834	17.1	10
37	Ultra-small Palladium Nanoparticle Decorated Carbon Nanotubes: Conductivity and Reactivity. <i>ChemPhysChem</i> , <b>2015</b> , 16, 2322-5	3.2	9
36	Ultrafast Construction of Oxygen-Containing Scaffold over Graphite for Trapping Ni into Single Atom Catalysts. <i>ACS Nano</i> , <b>2020</b> , 14, 11662-11669	16.7	9
35	The effect of insulator nano-sheath thickness on the steady state current at a micro-disc electrode. <i>Journal of Electroanalytical Chemistry</i> , <b>2015</b> , 745, 66-71	4.1	8
34	Magnetic Separation of Paramagnetic Ions From Initially Homogeneous Solutions. <i>IEEE Transactions on Magnetics</i> , <b>2014</b> , 50, 1-4	2	8
33	Electrochemical Detection and Characterisation of Polymer Nanoparticles. <i>Electroanalysis</i> , <b>2014</b> , 26, 2483-253	3	8
32	Enhanced antibacterial performance of ultrathin silver/platinum nanopatches by a sacrificial anode mechanism. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , <b>2020</b> , 24, 102126	6	8
31	A Perspective on Heterogeneous Catalysts for the Selective Oxidation of Alcohols. <i>Chemistry - A European Journal</i> , <b>2021</b> , 27, 16809-16833	4.8	8
30	Interplay of the Open Circuit Potential-Relaxation and the Dissolution Behavior of a Single H <sub>2</sub> Bubble Generated at a Pt Microelectrode. <i>Journal of Physical Chemistry C</i> , <b>2016</b> , 120, 15137-15146	3.8	7

29	Single Nanoparticle Growth from Nanoparticle Tracking Analysis: From Monte Carlo Simulations to Nanoparticle Electrogeneration. <i>ChemElectroChem</i> , <b>2018</b> , 5, 3036-3043	4.3	7
28	Magnetic field templated patterning of the soft magnetic alloy CoFe. <i>Electrochimica Acta</i> , <b>2014</b> , 123, 477-484	6.7	7
27	Magnetochemical Surface Structuring: Electrodeposition of Structured Metallic Layers in Magnetic Gradient Fields. <i>ECS Transactions</i> , <b>2009</b> , 25, 149-155	1	7
26	Stripping away ion hydration shells in electrical double-layer formation: Water networks matter. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2021</b> , 118,	11.5	7
25	Implications of resistance and mass transport limitations on the common Tafel approach at composite catalyst thin-film electrodes. <i>Journal of Electroanalytical Chemistry</i> , <b>2020</b> , 872, 114345	4.1	7
24	Electrochemical dealloying as a tool to tune the porosity, composition and catalytic activity of nanomaterials. <i>Journal of Materials Chemistry A</i> , <b>2020</b> , 8, 19405-19413	13	7
23	Retarding the corrosion of iron by inhomogeneous magnetic fields. <i>Materials and Corrosion - Werkstoffe Und Korrosion</i> , <b>2014</b> , 65, 803-808	1.6	6
22	Electrochemical Quartz Crystal Microbalance Study of the Fe-Ga Co-Deposition. <i>Journal of the Electrochemical Society</i> , <b>2012</b> , 159, H633-H637	3.9	6
21	Thermal Detection of Glucose in Urine Using a Molecularly Imprinted Polymer as a Recognition Element. <i>ACS Sensors</i> , <b>2021</b> ,	9.2	6
20	Direct Detection of Surface Species Formed on Iridium Electrocatalysts during the Oxygen Evolution Reaction. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 21396-21403	16.4	6
19	Optical velocity measurements of electrolytic boundary layer flows influenced by magnetic fields. <i>European Physical Journal: Special Topics</i> , <b>2013</b> , 220, 79-89	2.3	5
18	Studies regarding the homogeneity range of the zirconium phosphide telluride $Zr_2P_2Te_2$ . <i>Solid State Sciences</i> , <b>2010</b> , 12, 2030-2035	3.4	5
17	Enhanced dissolution of silver nanoparticles in a physical mixture with platinum nanoparticles based on the sacrificial anode effect. <i>Nanotechnology</i> , <b>2020</b> , 31, 055703	3.4	5
16	Single CoO Nanocubes Electrocatalyzing the Oxygen Evolution Reaction: Nano-Impact Insights into Intrinsic Activity and Support Effects. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	4
15	From single cells to single molecules: general discussion. <i>Faraday Discussions</i> , <b>2016</b> , 193, 141-170	3.6	4
14	Direct Detection of Surface Species Formed on Iridium Electrocatalysts during the Oxygen Evolution Reaction. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 21566-21573	3.6	4
13	Bifunctional redox tagging of carbon nanoparticles. <i>Nanoscale</i> , <b>2015</b> , 7, 2069-75	7.7	3
12	Interface Sensitivity in Electron/Ion Yield X-ray Absorption Spectroscopy: The TiO-HO Interface. <i>Journal of Physical Chemistry Letters</i> , <b>2021</b> , 12, 10212-10217	6.4	3



11	Electrochemical bromination of organosulfur containing species for the determination of the strength of garlic ( <i>A. sativum</i> ). <i>Food Chemistry</i> , <b>2016</b> , 199, 817-21	8.5	2
10	Characterization of Nanoparticles in Diverse Mixtures Using Localized Surface Plasmon Resonance and Nanoparticle Tracking by Dark-Field Microscopy with Redox Magnetohydrodynamics Microfluidics. <i>ACS Physical Chemistry Au</i> ,		2
9	Nanotoxicity - an electrochemist's perspective. <i>Portugaliae Electrochimica Acta</i> , <b>2013</b> , 31, 249-256	2.4	2
8	Nano-Impact Electrochemistry: Effects of Electronic Filtering on Peak Height, Duration, and Area. <i>ChemElectroChem</i> , <b>2018</b> , 5, 2917-2917	4.3	2
7	Partikel fflPartikel lElektrochemische Einschlagsexperimente zur Synthese oberflflhenimmobilisierter Goldnanopartikel ffl die Elektrokatalyse. <i>Angewandte Chemie</i> , <b>2019</b> , 131, 8305-8309	3.6	1
6	Reactions at the nanoscale: general discussion. <i>Faraday Discussions</i> , <b>2016</b> , 193, 265-292	3.6	1
5	Use of the capping agent for the electrochemical detection and quantification of nanoparticles: CdSe quantum dots. <i>Sensors and Actuators B: Chemical</i> , <b>2014</b> , 204, 445-449	8.5	1
4	Cover Picture: Nanoparticle-Impact Experiments are Highly Sensitive to the Presence of Adsorbed Species on Electrode Surfaces (ChemElectroChem 6/2014. <i>ChemElectroChem</i> , <b>2014</b> , 1, 1085-1085	4.3	1
3	Zeitaufgelflte 3D3K Geschwindigkeitsfeldmessungen mit der fernmikroskopischen Astigmatismus PTV zur Analyse der elektrochemischen Kupferabscheidung. <i>TM Technisches Messen</i> , <b>2011</b> , 78, 232-238	0.7	1
2	Operando electrochemical SERS monitors nanoparticle reactions by capping agent fingerprints. <i>Nano Research</i> , 1	10	1
1	Nanoparticle impact electrochemistry. <i>Frontiers of Nanoscience</i> , <b>2021</b> , 18, 203-252	0.7	1