Evgeny Smirnov

List of Publications by Year
in descending order

32 papers	770 citations	623734 14 h-index	610901 24 g-index
34 all docs	34 docs citations	34 times ranked	1054 citing authors

#	Article	IF	Citations
1	Charging and discharging at the nanoscale: Fermi level equilibration of metallic nanoparticles. Chemical Science, 2015, 6, 2705-2720.	7.4	173
2	Gold Nanofilms at Liquidâ€“Liquid Interfaces: An Emerging Platform for Redox Electrocatalysis, Nanoplasmonic Sensors, and Electrovariable Optics. Chemical Reviews, 2018, 118, 3722-3751.	47.7	113
3	Interfacial Redox Catalysis on Gold Nanofilms at Soft Interfaces. ACS Nano, 2015, 9, 6565-6575.	14.6	74
4	Gold Metal Liquid-Like Droplets. ACS Nano, 2014, 8, 9471-9481.	14.6	55
5	Gold Nanofilm Redox Catalysis for Oxygen Reduction at Soft Interfaces. Electrochimica Acta, 2016, 197, 362-373.	5.2	49
6	Redox Electrocatalysis of Floating Nanoparticles: Determining Electrocatalytic Properties without the Influence of Solid Supports. Journal of Physical Chemistry Letters, 2017, 8, 3564-3575.	4.6	46
7	Large-scale layer-by-layer inkjet printing of flexible iridium-oxide based pH sensors. Journal of Electroanalytical Chemistry, 2018, 819, 384-390.	3.8	43
8	Self-healing gold mirrors and filters at liquidâ€“liquid interfaces. Nanoscale, 2016, 8, 7723-7737.	5.6	35
9	Solid electrochemical energy storage for aqueous redox flow batteries: The case of copper hexacyanoferrate. Electrochimica Acta, 2019, 321, 134704.	5.2	30
10	Heterogeneous versus homogeneous electron transfer reactions at liquidâ€“liquid interfaces: The wrong question?. Journal of Electroanalytical Chemistry, 2016, 779, 187-198.	3.8	24
11	Ionosomes: Observation of Ionic Bilayer Water Clusters. Journal of the American Chemical Society, 2021, 143, 7671-7680.	13.7	22
12	Am(III) sorption onto TiO2 samples with different crystallinity and varying pore size distributions. Applied Geochemistry, 2014, 42, 69-76.	3.0	17
13	Self-assembly and redox induced phase transfer of gold nanoparticles at a waterâ€“propylene carbonate interface. Chemical Communications, 2017, 53, 4108-4111.	4.1	17
14	Electrovariable gold nanoparticle films at liquidâ€“liquid interfaces: from redox electrocatalysis to Marangoni-shutters. Faraday Discussions, 2017, 199, 565-583.	3.2	16
15	Grafting of titanium dioxide microspheres with a temperatureâ€responsive polymer via surfaceâ€initiated atom transfer radical polymerization without the use of silane coupling agents. Polymer International, 2013, 62, 836-841.	3.1	8
16	Nano-Structures for Optics and Photonics. NATO Science for Peace and Security Series B: Physics and Biophysics, 2015, , .	0.3	8
17	Effect of Chaotropes on the Transfer of Ions and Dyes across the Liquidâ€“Liquid Interface. Journal of Physical Chemistry C, 2018, 122, 18510-18519.	3.1	8
18	Ultrafast Population Dynamics of Surface-Active Dyes during Electrochemically Controlled Ion Transfer across a Liquid|Liquid Interface. Journal of Physical Chemistry C, 2014, 118, 25027-25031.	3.1	7

#	Article	IF	Citations
19	Gold Raspberry-Like Colloidosomes Prepared at the Waterâ€“Nitromethane Interface. Langmuir, 2018, 34, 2758-2763.	3.5	7
20	Assemblies of Gold Nanoparticles at Liquid-Liquid Interfaces. Springer Theses, 2018, , .	0.1	6
21	Photoreduction of Pu(V,VI) by TiO2. Radiochimica Acta, 2016, 104, 843-851.	1.2	5
22	Changes in biological parameters of freshwater animals under the impact of various crystal modifications of titanium dioxide nanoparticles. Inland Water Biology, 2015, 8, 309-318.	0.8	4
23	Electrotunable wetting, and micro- and nanofluidics: general discussion. Faraday Discussions, 2017, 199, 195-237.	3.2	2
24	Electrovariable nanoplasmonics: general discussion. Faraday Discussions, 2017, 199, 603-613.	3.2	1
25	Perspectives: From Colloidosomes Through SERS to Electrically Driven Marangoni Shutters. Springer Theses, 2018, , 221-256.	0.1	0
26	Optical Properties of Self-healing Gold Nanoparticles Mirrors and Filters at Liquidâ€“Liquid Interfaces. Springer Theses, 2018, , 119-143.	0.1	0
27	Electron Transfer Reactions and Redox Catalysis on Gold Nanofilms at Soft Interfaces. Springer Theses, 2018, , 173-197.	0.1	0
28	Electrochemical Investigation of Nanofilms at Liquidâ€“Liquid Interface. Springer Theses, 2018, , 157-172.	0.1	0
29	Experimental and Instrumentation. Springer Theses, 2018, , 65-85.	0.1	0
30	Self-Assembly of Nanoparticles into Gold Metal Liquid-like Droplets (MeLLDs). Springer Theses, 2018, , 87-117.	0.1	0
31	Gold Nanofilm Redox Electrocatalysis for Oxygen Reduction at Soft Interfaces. Springer Theses, 2018, , 199-220.	0.1	0
32	Self-Assembly of Gold Nanoparticles: Low Interfacial Tensions. Springer Theses, 2018, , 145-155.	0.1	0