

Depanjan Sarkar

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7879836/publications.pdf>

Version: 2024-02-01

24
papers

732
citations

567281

15
h-index

580821

25
g-index

31
all docs

31
docs citations

31
times ranked

1000
citing authors

#	ARTICLE	IF	CITATIONS
1	Discovery of Volatile Biomarkers of Parkinson's Disease from Sebum. ACS Central Science, 2019, 5, 599-606.	11.3	100
2	Metabolomics of sebum reveals lipid dysregulation in Parkinson's disease. Nature Communications, 2021, 12, 1592.	12.8	91
3	Molecular Ionization from Carbon Nanotube Paper. Angewandte Chemie - International Edition, 2014, 53, 5936-5940.	13.8	85
4	Zero Volt Paper Spray Ionization and Its Mechanism. Analytical Chemistry, 2015, 87, 6786-6793.	6.5	63
5	Using Ambient Ion Beams to Write Nanostructured Patterns for Surface Enhanced Raman Spectroscopy. Angewandte Chemie - International Edition, 2014, 53, 12528-12531.	13.8	45
6	Rapid identification of molecular changes in tulsi (Ocimum sanctum Linn) upon ageing using leaf spray ionization mass spectrometry. Analyst, The, 2012, 137, 4559.	3.5	31
7	Ultra-high sensitivity infra-red detection and temperature effects in a graphene-tellurium nanowire binary hybrid. Nanoscale, 2017, 9, 9284-9290.	5.6	31
8	Catalytic Paper Spray Ionization Mass Spectrometry with Metal Nanotubes and the Detection of 2,4,6-Trinitrotoluene. Analytical Chemistry, 2017, 89, 11378-11382.	6.5	29
9	Metallic Nanobrushes Made using Ambient Droplet Sprays. Advanced Materials, 2016, 28, 2223-2228.	21.0	27
10	Holey MoS ₂ Nanosheets with Photocatalytic Metal Rich Edges by Ambient Electro spray Deposition for Solar Water Disinfection. Global Challenges, 2018, 2, 1800052.	3.6	26
11	Detection of Hydrocarbons by Laser Assisted Paper Spray Ionization Mass Spectrometry (LAPSI MS). Analytical Chemistry, 2018, 90, 4663-4668.	6.5	25
12	Electrospray deposition-induced ambient phase transition in copper sulphide nanostructures. Journal of Materials Chemistry A, 2019, 7, 6387-6394.	10.3	21
13	Validating Differential Volatilome Profiles in Parkinson's Disease. ACS Central Science, 2021, 7, 300-306.	11.3	20
14	Patterned Nanobrush Nature Mimics with Unprecedented Water Harvesting Efficiency. Advanced Materials Interfaces, 2018, 5, 1800667.	3.7	19
15	Toward a Janus Cluster: Regiospecific Decarboxylation of Ag ₄₄ (4-MBA) ₃₀ @Ag Nanoparticles. Journal of Physical Chemistry C, 2016, 120, 15471-15479.	3.1	18
16	Anisotropic Molecular Ionization at 1 V from Tellurium Nanowires (Te NWs). Analytical Chemistry, 2015, 87, 10792-10798.	6.5	16
17	Ambient preparation and reactions of gas phase silver cluster cations and anions. Physical Chemistry Chemical Physics, 2015, 17, 18364-18373.	2.8	15
18	Preparation of gas phase naked silver cluster cations outside a mass spectrometer from ligand protected clusters in solution. Nanoscale, 2018, 10, 15714-15722.	5.6	13

#	ARTICLE	IF	CITATIONS
19	Electrohydrodynamic Assembly of Ambient Ion-Derived Nanoparticles to Nanosheets at Liquid Surfaces. <i>Journal of Physical Chemistry C</i> , 2018, 122, 17777-17783.	3.1	11
20	Studying Reaction Intermediates Formed at Graphenic Surfaces. <i>Journal of the American Society for Mass Spectrometry</i> , 2014, 25, 380-387.	2.8	9
21	Unusual reactivity of MoS ₂ nanosheets. <i>Nanoscale</i> , 2016, 8, 10282-10290.	5.6	9
22	Towards atomically precise luminescent Ag ₂ S clusters separable by thin layer chromatography. <i>Journal of Materials Chemistry C</i> , 2018, 6, 5754-5759.	5.5	5
23	Atomically Precise Transformations and Millimeter-Scale Patterning of Nanoscale Assemblies by Ambient Electro spray Deposition. <i>Particle and Particle Systems Characterization</i> , 2017, 34, 1700101.	2.3	4
24	Molecular Ionization from Carbon Nanotube Paper (Angew. Chem. 23/2014). <i>Angewandte Chemie</i> , 2014, 126, 6120-6120.	2.0	0