

# 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	Metabolomics of sebum reveals lipid dysregulation in Parkinson's disease. Nature Communications, 2021, 12, 1592.	12.8	91
2	Validating Differential Volatilome Profiles in Parkinson's Disease. ACS Central Science, 2021, 7, 300-306.	11.3	20
3	Discovery of Volatile Biomarkers of Parkinson's Disease from Sebum. ACS Central Science, 2019, 5, 599-606.	11.3	100
4	Electrospray deposition-induced ambient phase transition in copper sulphide nanostructures. Journal of Materials Chemistry A, 2019, 7, 6387-6394.	10.3	21
5	Detection of Hydrocarbons by Laser Assisted Paper Spray Ionization Mass Spectrometry (LAPSI MS). Analytical Chemistry, 2018, 90, 4663-4668.	6.5	25
6	Holey MoS <sub>2</sub> Nanosheets with Photocatalytic Metal Rich Edges by Ambient Electrospray Deposition for Solar Water Disinfection. Global Challenges, 2018, 2, 1800052.	3.6	26
7	Towards atomically precise luminescent Ag <sub>2</sub> S clusters separable by thin layer chromatography. Journal of Materials Chemistry C, 2018, 6, 5754-5759.	5.5	5
8	Electrohydrodynamic Assembly of Ambient Ion-Derived Nanoparticles to Nanosheets at Liquid Surfaces. Journal of Physical Chemistry C, 2018, 122, 17777-17783.	3.1	11
9	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
10	Patterned Nanobrush Nature Mimics with Unprecedented Water Harvesting Efficiency. Advanced Materials Interfaces, 2018, 5, 1800667.	3.7	19
11	Atomically Precise Transformations and Millimeter-Scale Patterning of Nanoscale Assemblies by Ambient Electrospray Deposition. Particle and Particle Systems Characterization, 2017, 34, 1700101.	2.3	4
12	Ultra-high sensitivity infra-red detection and temperature effects in a graphene-tellurium nanowire binary hybrid. Nanoscale, 2017, 9, 9284-9290.	5.6	31
13	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
14	Toward a Janus Cluster: Regiospecific Decarboxylation of Ag <sub>44</sub> (4-MBA) <sub>30</sub> @Ag Nanoparticles. Journal of Physical Chemistry C, 2016, 120, 15471-15479.	3.1	18
15	Metallic Nanobrushes Made using Ambient Droplet Sprays. Advanced Materials, 2016, 28, 2223-2228.	21.0	27
16	Unusual reactivity of MoS <sub>2</sub> nanosheets. Nanoscale, 2016, 8, 10282-10290.	5.6	9
17	Zero Volt Paper Spray Ionization and Its Mechanism. Analytical Chemistry, 2015, 87, 6786-6793.	6.5	63
18	Ambient preparation and reactions of gas phase silver cluster cations and anions. Physical Chemistry Chemical Physics, 2015, 17, 18364-18373.	2.8	15

#	ARTICLE	IF	CITATIONS
19	Anisotropic Molecular Ionization at 1 V from Tellurium Nanowires (Te NWs). <i>Analytical Chemistry</i> , 2015, 87, 10792-10798.	6.5	16
20	Molecular Ionization from Carbon Nanotube Paper. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 5936-5940.	13.8	85
21	Studying Reaction Intermediates Formed at Graphenic Surfaces. <i>Journal of the American Society for Mass Spectrometry</i> , 2014, 25, 380-387.	2.8	9
22	Using Ambient Ion Beams to Write Nanostructured Patterns for Surface Enhanced Raman Spectroscopy. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 12528-12531.	13.8	45
23	RÅ¼cktitelbild: Molecular Ionization from Carbon Nanotube Paper ( <i>Angew. Chem.</i> 23/2014). <i>Angewandte Chemie</i> , 2014, 126, 6120-6120.	2.0	0
24	Rapid identification of molecular changes in tulsi ( <i>Ocimum sanctum</i> Linn) upon ageing using leaf spray ionization mass spectrometry. <i>Analyst, The</i> , 2012, 137, 4559.	3.5	31