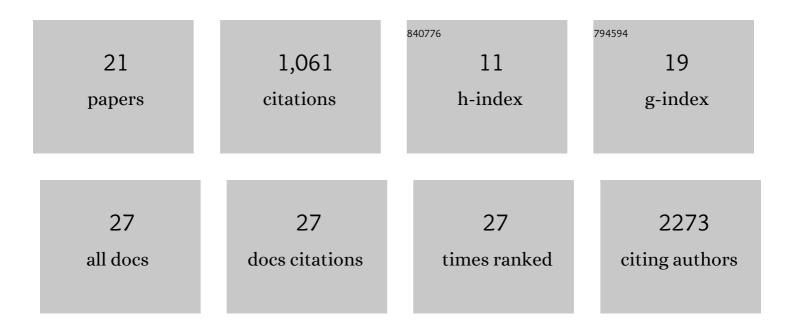
Abhijeet Patra

List of Publications by Year in descending order

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Δρημερτ Ολτολ

#	Article	IF	CITATIONS
1	Decision trees within a molecular memristor. Nature, 2021, 597, 51-56.	27.8	78
2	Size-selective Pt siderophores based on redox active azo-aromatic ligands. Chemical Science, 2020, 11, 9226-9236.	7.4	4
3	Critical Review of Volatile Organic Compound Analysis in Breath and In Vitro Cell Culture for Detection of Lung Cancer. Metabolites, 2019, 9, 52.	2.9	112
4	Investigating the Role of Copper Oxide in Electrochemical CO ₂ Reduction in Real Time. ACS Applied Materials & Interfaces, 2018, 10, 8574-8584.	8.0	207
5	Intrinsic hydrophilic nature of epitaxial thin-film of rare-earth oxide grown by pulsed laser deposition. Nanoscale, 2018, 10, 3356-3361.	5.6	36
6	Identification of Biofilm Inhibitors by Screening Combinatorial Libraries of Metal Oxide Thin Films. ACS Applied Materials & Interfaces, 2018, 10, 12510-12517.	8.0	9
7	Detection of Lung Cancer: Concomitant Volatile Organic Compounds and Metabolomic Profiling of Six Cancer Cell Lines of Different Histological Origins. ACS Omega, 2018, 3, 5131-5140.	3.5	56
8	Quantifying Interactions Between Water and Surfaces. Springer Theses, 2017, , 27-40.	0.1	0
9	Quantifying Interactions Between Serum Proteins and Gold Nanoparticles. Springer Theses, 2017, , 69-90.	0.1	0
10	Quantifying Interactions Between Lipids and Surfaces. Springer Theses, 2017, , 41-67.	0.1	0
11	Robust resistive memory devices using solution-processable metal-coordinated azoÂaromatics. Nature Materials, 2017, 16, 1216-1224.	27.5	244
12	Using Extraordinary Optical Transmission to Quantify Cardiac Biomarkers in Human Serum. Journal of Visualized Experiments, 2017, , .	0.3	1
13	Componentâ€Specific Analysis of Plasma Protein Corona Formation on Gold Nanoparticles Using Multiplexed Surface Plasmon Resonance. Small, 2016, 12, 1174-1182.	10.0	49
14	Origin and Quenching of Novel ultraviolet and blue emission in NdGaO3: Concept of Super-Hydrogenic Dopants. Scientific Reports, 2016, 6, 36352.	3.3	2
15	Magnetic Modes in Rare Earth Perovskites: A Magnetic-Field-Dependent Inelastic Light Scattering study. Scientific Reports, 2016, 6, 36859.	3.3	8
16	Correlation of nanoscale behaviour of forces and macroscale surface wettability. Nanoscale, 2016, 8, 15597-15603.	5.6	23
17	The effect of oxygen vacancies on water wettability of transition metal based SrTiO ₃ and rare-earth based Lu ₂ O ₃ . RSC Advances, 2016, 6, 109234-109240.	3.6	40
18	Magneto-Optical Study of Defect Induced Sharp Photoluminescence in LaAlO3 and SrTiO3. Scientific Reports, 2016, 6, 33145.	3.3	3

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#	Article	IF	CITATIONS
19	Surface energy and wettability of van der Waals structures. Nanoscale, 2016, 8, 5764-5770.	5.6	167
20	Reconstructing human skin equivalents on fibrin-based dermal matrix. Materials Today, 2016, 19, 178-179.	14.2	5
21	In vitro controlled release of cisplatin from gold-carbon nanobottles via cleavable linkages. International Journal of Nanomedicine, 2015, 10, 7425.	6.7	16