

# Apurva Sonawane

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/762435/publications.pdf>

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10  
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1937685

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#	ARTICLE	IF	CITATIONS
1	Plasma-Induced Enhancement in Electronic Properties of Gold Nanoparticles: Application in Electrochemical Biosensing of Cortisol. ACS Applied Electronic Materials, 2021, 3, 230-237.	4.3	11
2	(Invited) Plasma Assisted Enhancement in Optical and Electronic Properties of Metal Nanoparticles: Application in Electrochemical Biosensing. ECS Transactions, 2021, 104, 21-28.	0.5	0
3	(Invited) Plasma Assisted Enhancement in Optical and Electronic Properties of Metal Nanoparticles: Application in Electrochemical Biosensing. ECS Meeting Abstracts, 2021, MA2021-02, 1641-1641.	0.0	0
4	Effects of cold atmospheric plasma treatment on the morphological and optical properties of plasmonic silver nanoparticles. Nanotechnology, 2020, 31, 365706.	2.6	8
5	Communicationâ€™Detection of Salivary Cortisol Using Zinc Oxide and Copper Porphyrin Composite Using Electrodeposition and Plasma-Assisted Deposition. ECS Journal of Solid State Science and Technology, 2020, 9, 061022.	1.8	4
6	Plasma Assisted Control of Nanoparticle Distribution for Enhancing the Electrochemical Activity of Electrodes. ECS Meeting Abstracts, 2020, MA2020-01, 2082-2082.	0.0	1
7	Novel Imprinted Metallic Nanozymes Based Nanosensor with Fast Catalytic Activity and Specificity for Cortisol. ECS Meeting Abstracts, 2020, MA2020-01, 1886-1886.	0.0	0
8	Atmospheric Plasma Treatment Enhances the Biosensing Properties of Graphene Oxide-Silver Nanoparticle Composite. Journal of the Electrochemical Society, 2019, 166, B3084-B3090.	2.9	10
9	Cold Atmospheric Plasma Annealing of Plasmonic Silver Nanoparticles. ECS Transactions, 2018, 88, 197-201.	0.5	2
10	Stability of Enzymatic Biosensors for Wearable Applications. IEEE Reviews in Biomedical Engineering, 2017, 10, 174-186.	18.0	28