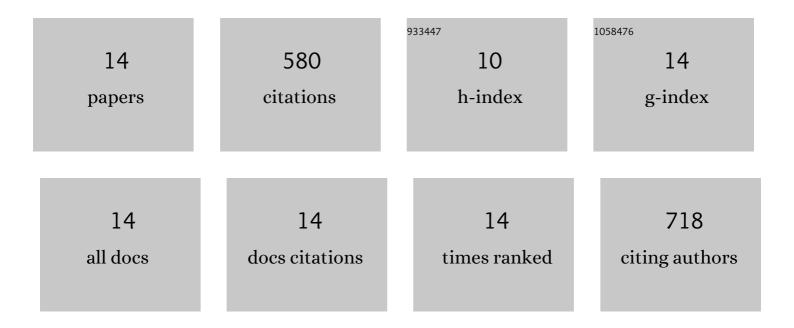
Prosenjit Biswas

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Sustainable and superior polymeric piezoelectric nanogenerator for sensing human body vibration, air flow, and water wave. Applied Physics Letters, 2021, 118, .	3.3	5
2	Selfâ€Polarized ZrO ₂ /Poly(vinylidene fluorideâ€ <i>co</i> â€hexafluoropropylene) Nanocompositeâ€Based Piezoelectric Nanogenerator and Singleâ€Electrode Triboelectric Nanogenerator for Sustainable Energy Harvesting from Human Movements. Physica Status Solidi (A) Applications and Materials Science, 2021, 218, 2000695.	1.8	11
3	Development of a Sustainable and Biodegradable <i>Sonchus asper</i> Cotton Pappus Based Piezoelectric Nanogenerator for Instrument Vibration and Human Body Motion Sensing with Mechanical Energy Harvesting Applications. ACS Omega, 2021, 6, 28710-28717.	3.5	19
4	Essential oil impregnated luminescent hydroxyapatite: Antibacterial and cytotoxicity studies. Materials Science and Engineering C, 2020, 116, 111190.	7.3	10
5	Self-charging photo-power cell based on a novel polymer nanocomposite film with high energy density and durability. Polymer Journal, 2019, 51, 1197-1209.	2.7	4
6	Photo-Rechargeable Organic–Inorganic Dye-Integrated Polymeric Power Cell with Superior Performance and Durability. Langmuir, 2019, 35, 6346-6355.	3.5	20
7	Highly Efficient and Durable Piezoelectric Nanogenerator and Photo-power cell Based on CTAB Modified Montmorillonite Incorporated PVDF Film. ACS Sustainable Chemistry and Engineering, 2019, 7, 4801-4813.	6.7	46
8	Portable Self-Powered Piezoelectric Nanogenerator and Self-Charging Photo-Power Pack Using In Situ Formed Multifunctional Calcium Phosphate Nanorod-Doped PVDF Films. Langmuir, 2019, 35, 17016-17026.	3.5	16
9	Superior performances of in situ synthesized ZnO/PVDF thin film based self-poled piezoelectric nanogenerator and self-charged photo-power bank with high durability. Nano Energy, 2018, 44, 456-467.	16.0	202
10	In situ synthesized electroactive and large dielectric BaF2/PVDF nanocomposite film for superior and highly durable self-charged hybrid photo-power cell. Energy Conversion and Management, 2018, 171, 1083-1092.	9.2	12
11	Biowaste crab shell-extracted chitin nanofiber-based superior piezoelectric nanogenerator. Journal of Materials Chemistry A, 2018, 6, 13848-13858.	10.3	95
12	Antimicrobial and biocompatible fluorescent hydroxyapatite-chitosan nanocomposite films for biomedical applications. Colloids and Surfaces B: Biointerfaces, 2018, 171, 300-307.	5.0	45
13	In situ synthesized SrF2/polyvinylidene fluoride nanocomposite film based photo-power cell with imperious performance and stability. Electrochimica Acta, 2018, 282, 194-204.	5.2	5
14	Er ³⁺ /Fe ³⁺ Stimulated Electroactive, Visible Light Emitting, and High Dielectric Flexible PVDF Film Based Piezoelectric Nanogenerators: A Simple and Superior Self-Powered Energy Harvester with Remarkable Power Density. ACS Applied Materials & Interfaces, 2017, 9, 23048-23059.	8.0	90