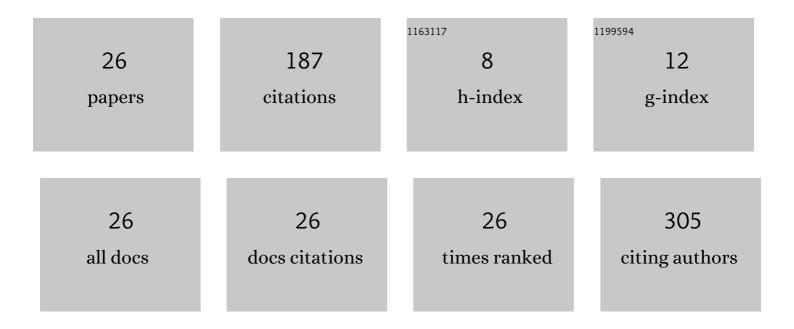


## List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/3766479/publications.pdf Version: 2024-02-01



#	Article	lF	CITATIONS
1	Flexible nano-ZnO/polyvinylidene difluoride piezoelectric composite films as energy harvester. Applied Physics A: Materials Science and Processing, 2016, 122, 1.	2.3	28
2	Surface plasmon effect in nanocrystalline copper/DLC composite films by electrodeposition technique. Bulletin of Materials Science, 2006, 29, 553-557.	1.7	17
3	Extraction of xylem fibers from Musa sapientum and characterization. Fibers and Polymers, 2017, 18, 2225-2234.	2.1	15
4	Enhanced piezoâ€electric property induced in graphene oxide/polyvinylidene fluoride composite flexible thin films. Polymer Composites, 2018, 39, 4205-4216.	4.6	15
5	Some aspects of microstructural and dielectric properties of nanocrystalline <scp>CdS</scp> /poly(vinylidene fluoride) composite thin films. Polymer International, 2015, 64, 924-934.	3.1	12
6	Fabrication and characterization of Cu/Cu <sub>2</sub> O/CuO/ZnO/Al–ZnO/Ag heterojunction solar cells. Semiconductor Science and Technology, 2018, 33, 105007.	2.0	11
7	Free-standing nanocrystalline-Cadmium sulfide/Polyvinylidene fluoride composite thin film: synthesis and characterization. Journal of Polymer Research, 2015, 22, 1.	2.4	9
8	Nano-Ag/DLC/Cellulose Free-Standing Films Towards Anti-bacterial and Bio-compatible Futuristic Bandage Applications. Journal of Polymers and the Environment, 2020, 28, 284-294.	5.0	9
9	Local structure studies of Ni doped ZnO/PVDF composite free-standing flexible thin films using XPS and EXAFS studies. Journal of Polymer Research, 2016, 23, 1.	2.4	8
10	Structural and Optical Studies on Sol-gel Composites of Nickel-Doped Nanocrystalline Zinc Oxide/Polyvinylidene Fluoride. Polymer-Plastics Technology and Engineering, 2017, 56, 310-320.	1.9	7
11	Electrical and optical properties of silicon-doped gallium nitride polycrystalline films. Bulletin of Materials Science, 2008, 31, 73-82.	1.7	6
12	Inclusion of nanoâ€Ag plasmonic layer enhancing the performance of p‣i/CdS solar cells. Physica Status Solidi (A) Applications and Materials Science, 2014, 211, 890-900.	1.8	6
13	H2S Gas Sensor Based on Nanocrystalline Copper/DLC Composite Films. Plasmonics, 2015, 10, 503-509.	3.4	6
14	Freeâ€standing and flexible nanoâ€ZnO/PVDF composite thin films: impedance spectroscopic studies. Polymers for Advanced Technologies, 2015, 26, 1176-1183.	3.2	5
15	Polycrystalline GaSb films prepared by the coevaporation technique. Applied Physics A: Materials Science and Processing, 2014, 115, 1251-1261.	2.3	4
16	Probing local structure of co doped polyvinylidene fluoride-ZnO thin films using X-ray absorption spectroscopy. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2017, 131, 115-123.	2.9	4
17	Room Temperature Magnetism in Free-Standing Nano-Ni/PVDF Composites. Polymer-Plastics Technology and Engineering, 2017, 56, 1213-1224.	1.9	4
18	Flexible and free-standing films containing cobalt-doped nanocrystalline zinc oxide dispersed in polyvinylidene fluoride matrix: synthesis and characterization. Polymer Bulletin, 2018, 75, 307-325.	3.3	4

A K Pal

#	Article	IF	CITATIONS
19	CdS impregnated cellulose nanocrystals/PVDF composite flexible and freestanding films: Impedance spectroscopic studies. Polymer Engineering and Science, 2018, 58, 1419-1427.	3.1	4
20	Synthesis of B-Sb by rapid thermal annealing of B/Sb multilayer films. Bulletin of Materials Science, 2006, 29, 549-552.	1.7	3
21	Improvement on the Performance of InP/CdS Solar Cells with the Inclusion of Plasmonic Layer of Silver Nanoparticles. Plasmonics, 2014, 9, 1271-1281.	3.4	3
22	Alternate current conductivity in BSb films prepared by PLD technique: Electron transport processes in low-temperature range (10-275 K). European Physical Journal Plus, 2017, 132, 1.	2.6	2
23	Probing local structures in (Ni/Co)â€codoped ZnO/PVDF composite flexible and freestanding films by using XAS and XPS studies. X-Ray Spectrometry, 2018, 47, 484-494.	1.4	2
24	Coulomb Gap and Metal–Insulator–Semiconductor (MIS) Transition in ZnO/n-Ag/ZnO Film in the Plasmonic Domain. Plasmonics, 2015, 10, 1291-1300.	3.4	1
25	Electron transport in the plasmonic regime: Silver nanoparticles in ZnO matrix. Physica Status Solidi (B): Basic Research, 2015, 252, 558-565.	1.5	1
26	Freestanding flexible composite films of CdS-impregnated cellulose nanocrystals/PVDF: synthesis and characterization. International Journal of Plastics Technology, 2018, 22, 326-340.	3.1	1