Arif Ksemen

List of Publications by Citations

34 papers	639 citations	13 h-index	25 g-index
35 ext. papers	718 ext. citations	3.8 avg, IF	3.76 L-index

#	Paper	IF	Citations
34	Electrochemically grown ZnO nanorods for hybrid solar cell applications. *Solar Energy*, **2010**, 84, 426-431	6.8	125
33	Electrochemically growth of Pd doped ZnO nanorods on QCM for room temperature VOC sensors. *Sensors and Actuators B: Chemical*, **2016**, 222, 280-289	8.5	76
32	Fabrication of 1D ZnO nanostructures on MEMS cantilever for VOC sensor application. *Sensors and Actuators B: Chemical*, **2014**, 202, 357-364	8.5	69
31	Recent progresses on solution-processed silver nanowire based transparent conducting electrodes for organic solar cells. *Materials Today Chemistry*, **2017**, 3, 60-72	6.2	42
30	Hydrogen sensing properties of ZnO nanorods: Effects of annealing, temperature and electrode structure. *International Journal of Hydrogen Energy*, **2014**, 39, 5194-5201	6.7	42
29	Electrical conduction and NO2 gas sensing properties of ZnO nanorods. *Applied Surface Science*, **2014**, 303, 90-96	6.7	40
28	P3HT:PCBM blend based photo organic field effect transistor. *Microelectronic Engineering*, **2014**, 130, 13-17	2.5	26
27	Synthesis, characterization, electrochromic properties, and electrochromic device application of a novel star polymer consisting of thiophene end-capped poly(ε-caprolactone) arms emanating from a hexafunctional cyclotriphosphazene core. *Journal of Polymer Science Part A*, **2010**, 48, 3668-3682	2.5	23
26	Fe doped TiO2 thin film as electron selective layer for inverted solar cells. *Solar Energy*, **2016**, 132, 511-516	6.8	19
25	An efficient organic inverted solar cell with AnE-PVstat:PCBM active layer and V2O5/Al anode layer. *Solar Energy*, **2014**, 99, 88-94	6.8	18
24	Poly(3-Methylthiophene) Thin Films Deposited Electrochemically on QCMs for the Sensing of Volatile Organic Compounds. *Sensors*, **2016**, 16,	3.8	17
23	Performance enhancement of inverted type organic solar cells by using Eu doped TiO2 thin film. *Surfaces and Interfaces*, **2017**, 9, 64-69	4.1	16
22	-Based Organic Hybrid Solar Cells with Doping. *International Journal of Photoenergy*, **2011**, 2011, 1-8	2.1	13
21	Volatile Organic Compounds and Dimethyl Methyl Phosphonate (DMMP) Sensing Properties of the Metal Oxide Functionalized QCM Transducers at Room Temperature. *Journal of the Electrochemical Society*, **2017**, 164, B657-B664	3.9	12
20	Preparation of Transparent Conductive Electrode via Layer-By-Layer Deposition of Silver Nanowires and Its Application in Organic Photovoltaic Device. *Nanomaterials*, **2019**, 10,	5.4	11
19	Preparation and characterization of CuI/PVA□PEDOT:PSS core□shell for photovoltaic application. *Optik*, **2014**, 125, 2009-2016	2.5	10
18	High mobility and low operation voltage organic field effect transistors by using polymer-gel dielectric and molecular doping. *Materials Science in Semiconductor Processing*, **2017**, 66, 207-211	4.3	9

17	Effect of intrinsic polymer properties on the photo sensitive organic field-effect transistors (Photo-OFETs). *Microelectronic Engineering*, **2016**, 161, 36-42	2.5	9
16	Performance improvement in photosensitive organic field effect transistor by using multi-layer structure. *Thin Solid Films*, **2019**, 672, 90-99	2.2	9
15	A novel field effect transistor with dielectric polymer gel. *Microelectronic Engineering*, **2011**, 88, 17-20	2.5	7
14	A study on synthesis, optical properties and surface morphological of novel conjugated oligo-pyrazole films. *Materials Chemistry and Physics*, **2019**, 222, 37-44	4.4	7
13	Electrochemical Growth of Pd Doped ZnO Nanorods. *Journal of the Electrochemical Society*, **2015**, 162, D142-D146	3.9	6
12	Electrical Properties of Zn-Phthalocyanine and Poly (3-hexylthiophene) Doped Nematic Liquid Crystal. *Journal of Nanomaterials*, **2011**, 2011, 1-5	3.2	6
11	Dual-type electrochromic device with single wall carbon nano tube employment in gel electrolyte. *Polymer Engineering and Science*, **2009**, 49, 1311-1315	2.3	5
10	Fabrication and investigation of P3HT:PCBM bulk heterojunction based organic field effect transistors using dielectric layers of PMMA:Ta 2 O 5 nanocomposites. *Microelectronic Engineering*, **2017**, 180, 65-70	2.5	4
9	High-Performance Organic Field-Effect Transistors Fabricated with High-k Composite Polymer Gel Dielectrics. *Journal of Electronic Materials*, **2019**, 48, 7819-7826	1.9	4
8	Use of side chain thiophene containing copolymer as a non-ionic gel-dielectric material for sandwich OFET assembly. *Microelectronic Engineering*, **2013**, 103, 111-117	2.5	4
7	Organic field effect transistor with a novel poly(linoleic acid)-g-poly(methyl methacrylate)-g-poly(D,L-lactide) graft copolymer insulator using a PEDOT:PSS composite electrode. *Journal of Materials Science: Materials in Electronics*, **2019**, 30, 11034-11042	2.1	3
6	Synthesis of a novel macroinimer based on thiophene and poly(ε-caprolactone) and its use in electrochromic device application. *Journal of Polymer Science Part A*, **2011**, 49, 4180-4192	2.5	3
5	Electrochemical growth of Y doped ZnO nanorods for use in inverted type organic solar cells as electron transport layer. *Materials Research Express*, **2019**, 6, 095024	1.7	2
4	Comparative investigation of electronic parameters of low voltage organic field-effect transistors with variable capacitance non-ionic gel gate dielectrics. *Microelectronic Engineering*, **2019**, 215, 110981	2.5	1
3	Cobalt–titanium multilayer thin films: Effect of thickness of titanium spacer layer on impedance properties. *Materials Science in Semiconductor Processing*, **2015**, 30, 482-485	4.3	1
2	Addendum: Camic, B. T. et al. Preparation of Transparent Conductive Electrode via Layer-By-Layer Deposition of Silver Nanowires and Its Application in Organic Photovoltaic Device. Nanomaterials 2020, 10, 46. *Nanomaterials*, **2020**, 10, 497	5.4	0
1	PVA Kaplı Dielektrik Tabanlı Organik İnce Film Transistörlerin Performansları Üzerindeki Solvent Etkileri. *Sakarya University Journal of Science*,1-1	0.3	