

# Mehmet Copuroglu

## List of Publications by Year in descending order

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33  
papers

424  
citations

840776

11  
h-index

752698

20  
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docs citations

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times ranked

639  
citing authors

#	ARTICLE	IF	CITATIONS
1	Zinc oxide thin films: Characterization and potential applications. <i>Thin Solid Films</i> , 2010, 518, 4515-4519.	1.8	66
2	Band-Bending at Buried SiO <sub>2</sub> /Si Interface as Probed by XPS. <i>ACS Applied Materials &amp; Interfaces</i> , 2013, 5, 5875-5881.	8.0	54
3	A comparative study of thermal ageing characteristics of poly(ethylene-co-vinyl acetate) and poly(ethylene-co-vinyl acetate)/carbon black mixture. <i>Polymers for Advanced Technologies</i> , 2004, 15, 393-399.	3.2	38
4	Gate-Tunable Photoemission from Graphene Transistors. <i>Nano Letters</i> , 2014, 14, 2837-2842.	9.1	32
5	A comparative study of UV aging characteristics of poly(ethylene-co-vinyl acetate) and poly(ethylene-co-vinyl acetate)/carbon black mixture. <i>Polymers for Advanced Technologies</i> , 2005, 16, 61-66.	3.2	29
6	Comparative characterisation of zinc oxide thin films prepared from zinc acetate with or without water of hydration via the sol-gel method. <i>Journal of Sol-Gel Science and Technology</i> , 2009, 52, 432-438.	2.4	29
7	A comparative study of gamma irradiation of poly(ethylene-co-vinyl acetate) and poly(ethylene-co-vinyl) Tj ETQq1 1.0,784314,rgBT /Ove	4.0	28
8	Sol-gel synthesis, comparative characterisation, and reliability analyses of undoped and Al-doped zinc oxide thin films. <i>Thin Solid Films</i> , 2009, 517, 6323-6326.	1.8	17
9	Effects of refractive index modifiers and UV light on an epoxy-functional inorganic-organic hybrid sol-gel derived thin film system. <i>Applied Surface Science</i> , 2007, 253, 7969-7972.	6.1	14
10	Effect of preparation conditions on the optical and physical properties of an epoxy-functional inorganic-organic hybrid material system. <i>Journal of Sol-Gel Science and Technology</i> , 2006, 40, 75-82.	2.4	13
11	High-Performance MIM Capacitors Using Novel PMNT Thin Films. <i>IEEE Electron Device Letters</i> , 2010, 31, 996-998.	3.9	12
12	Effect of preparation conditions on the thermal stability of an epoxy-functional inorganic-organic hybrid material system with phenyl side group. <i>Polymer Degradation and Stability</i> , 2006, 91, 3185-3190.	5.8	11
13	Capacitance and S-Parameter Techniques for Dielectric Characterization With Application to High-k PMNT Thin-Film Layers. <i>IEEE Transactions on Electron Devices</i> , 2012, 59, 1723-1729.	3.0	8
14	Influence of gamma irradiation on the ageing characteristics of poly(ethylene-co-vinyl acetate) and poly(ethylene-co-vinyl acetate)/carbon black mixture. <i>Journal of Thermal Analysis and Calorimetry</i> , 2006, 86, 223-227.	3.6	7
15	Preparation and characterisation of an epoxy-functional inorganic-organic hybrid material system with phenyl side group for waveguiding applications. <i>Thin Solid Films</i> , 2007, 515, 5439-5443.	1.8	7
16	Ultraviolet-radiation-curing of an organically modified silicate-based material system with epoxy functionality, and the role of titanium. <i>Radiation Physics and Chemistry</i> , 2012, 81, 1324-1327.	2.8	6
17	Tribological interaction between polytetrafluoroethylene and silicon oxide surfaces. <i>Journal of Chemical Physics</i> , 2014, 141, 164702.	3.0	6
18	Synthesis and characterization of a Zr-containing silicate-based epoxy-functional polymer nanocomposite system. <i>Polymer Engineering and Science</i> , 2015, 55, 792-798.	3.1	6

#	ARTICLE	IF	CITATIONS
19	Sol-gel-derived lead-magnesium-niobium titanate thin films for ultrahigh-value capacitor applications. IOP Conference Series: Materials Science and Engineering, 2010, 8, 012007.	0.6	5
20	The effect of dopants on the morphology, microstructure and electrical properties of transparent zinc oxide films prepared by the sol-gel method. Thin Solid Films, 2011, 520, 1174-1177.	1.8	5
21	Identification of relationship between the synthesis/process parameters and properties of a sol-gel-derived polymer nanocomposite system. Journal of Applied Polymer Science, 2013, 129, 3704-3709.	2.6	5
22	Effect of nanoparticles on ferroelectric and electrical properties of novel PMNT thin-films. Thin Solid Films, 2011, 519, 5800-5803.	1.8	4
23	Effect of preparation conditions on the thermal stability of an epoxy-functional inorganic-organic hybrid material system doped with Zr. Thermochimica Acta, 2007, 452, 7-12.	2.7	3
24	UV-thermal processing of sol-gel-derived lead-magnesium-niobium titanate thin films. Thin Solid Films, 2010, 518, 4503-4507.	1.8	3
25	Electrical characterization of novel PMNT thin-films. , 2010, , .		3
26	Light-curing of a sol-gel-derived silicate-based epoxy-functional polymer nanocomposite material system. Polymer Composites, 2014, 35, 1879-1887.	4.6	3
27	Location and Visualization of Working p-n and/or n-p Junctions by XPS. Scientific Reports, 2016, 6, 32482.	3.3	3
28	Reproducibility evaluation and Al doping of sol-gel-derived single- and multi-layer zinc oxide thin films. Applied Surface Science, 2009, 256, 737-743.	6.1	2
29	Temperature behavior of electrical properties of high-k lead-magnesium-niobium titanate thin-films. Thin Solid Films, 2012, 520, 4523-4526.	1.8	2
30	Effect of processing options on ultra-low-loss lead-magnesium-niobium titanate thin films for high density capacitors. Thin Solid Films, 2013, 541, 117-120.	1.8	2
31	A polymeric nanocomposite system for potential adhesive applications in restorative dentistry. Journal of Adhesion Science and Technology, 2017, 31, 602-612.	2.6	1
32	Modelling and characterisation of high-k dielectric Thin-films using microwave techniques. IOP Conference Series: Materials Science and Engineering, 2010, 8, 012020.	0.6	0
33	Evaluation of process parameters and nanoparticle seeding of sol-gel derived lead-magnesium-niobium titanate thin films. Advances in Applied Ceramics, 2011, 110, 490-495.	1.1	0