

Islam Eashmawi

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

28
papers

1,250
citations

20
h-index

28
g-index

28
ext. papers

1,460
ext. citations

3
avg, IF

4.78
L-index

#	Paper	IF	Citations
28	Influence of Co ₃ O ₄ Nanoparticles on the Optical, and Electrical Properties of CMC/PAM Polymer: Combined FTIR/DFT Study. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2021 , 31, 2682-2690	3.2	7
27	The role of gold nanoparticles in the structural and electrical properties of Cs/PVP blend. <i>Polymer Bulletin</i> , 2020 , 77, 949-962	2.4	10
26	Nanosecond Pulsed Laser Ablation in Liquids as New Route for Preparing Polyvinyl Carbazole/Silver Nanoparticles Composite: Spectroscopic and Thermal Studies. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2018 , 28, 2564-2571	3.2	56
25	Change Spectroscopic, thermal and mechanical studies of PU/PVC blends. <i>Physica B: Condensed Matter</i> , 2016 , 495, 4-10	2.8	39
24	Synthesis and characterization of PVK/AgNPs nanocomposites prepared by laser ablation. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015 , 138, 331-9	4.4	62
23	Modification and development of electrical and magnetic properties of PVA/PEO incorporated with MnCl ₂ . <i>Physica B: Condensed Matter</i> , 2014 , 434, 57-63	2.8	72
22	The changes of spectroscopic, thermal and electrical properties of PVDF/PEO containing lithium nanoparticles. <i>Journal of Alloys and Compounds</i> , 2014 , 617, 877-883	5.7	31
21	Enhancement of structural and thermal properties of PEO/PVA blend embedded with TiO ₂ nanoparticles. <i>Indian Journal of Physics</i> , 2013 , 87, 983-990	1.4	21
20	Quantum confinement effect of CdS nanoparticles dispersed within PVP/PVA nanocomposites. <i>Journal of Materials Science: Materials in Electronics</i> , 2013 , 24, 2956-2961	2.1	32
19	Annealing temperatures induced optical constant variations of methyl violet 2B thin films manufactured by the spin coating technique. <i>Journal of Non-Crystalline Solids</i> , 2012 , 358, 625-636	3.9	58
18	Spectroscopic studies of hydroxyapatite in PVP/PVA polymeric matrix as biomaterial. <i>Current Applied Physics</i> , 2012 , 12, 141-146	2.6	44
17	Structural, optical, thermal and electrical studies on PVA/PVP blends filled with lithium bromide. <i>Current Applied Physics</i> , 2010 , 10, 607-613	2.6	165
16	Role of CoBr ₂ on the structural, optical and magnetic properties of polyvinyl alcohol films. <i>Journal of Applied Polymer Science</i> , 2010 , 115, 2691-2696	2.9	9
15	The influence of Irradiation on some physical properties of chlorophyll/PMMA films. <i>Applied Surface Science</i> , 2010 , 256, 2711-2718	6.7	12
14	Structural, optical and dielectric behavior of PVDF films filled with different concentrations of iodine. <i>Physica B: Condensed Matter</i> , 2010 , 405, 94-98	2.8	42
13	Chitosan filler effects on the experimental characterization, spectroscopic investigation and thermal studies of PVA/PVP blend films. <i>Physica B: Condensed Matter</i> , 2010 , 405, 2021-2027	2.8	176
12	Structure and performance of ZnO/PVC nanocomposites. <i>Physica B: Condensed Matter</i> , 2010 , 405, 4163-4169	4.6	73

11	Physical properties of MnCl ₂ fillers incorporated into a PVDF/PVC blend and their complexes. <i>Journal of Vinyl and Additive Technology</i> , 2009 , 15, 171-177	2	4
10	Optimization and spectroscopic studies of CdS/poly(vinyl alcohol) nanocomposites. <i>Materials Chemistry and Physics</i> , 2009 , 115, 132-135	4-4	52
9	Effect of LiCl filler on the structure and morphology of PVDF films. <i>Materials Chemistry and Physics</i> , 2008 , 107, 96-100	4-4	36
8	Characterization and physical properties of CoCl ₂ filled polyethyl-methacrylate films. <i>Polymer Composites</i> , 2008 , 29, 1036-1043	3	34
7	Effect of PMMA addition on characterization and morphology of PVDF. <i>Polymer Engineering and Science</i> , 2008 , 48, 895-901	2-3	105
6	Spectroscopic and thermal studies of PS/PVAc blends. <i>Physica B: Condensed Matter</i> , 2008 , 403, 3547-3552	8	41
5	Manifestation of MnCl ₂ fillers incorporated into the polymer matrices in their dielectric properties. <i>Physica B: Condensed Matter</i> , 2008 , 403, 3097-3104	2-8	20
4	Spectroscopic and thermal investigations of poly(vinylidene fluoride) films composites with LaNi ₃ Co ₂ . <i>Crystal Research and Technology</i> , 2007 , 42, 157-163	1-3	5
3	Effect of NaCl filler on ferroelectric phase and polaron configurations of PVDF films. <i>Crystal Research and Technology</i> , 2007 , 42, 389-393	1-3	16
2	Spectroscopic, thermal, and electrical investigations of PVDF films filled with BiCl ₃ . <i>Journal of Applied Polymer Science</i> , 2006 , 102, 2125-2131	2-9	28
1	Study of the spectroscopic, magnetic, and electrical behavior of PVDF/PEO blend incorporated with nickel ferrite (NiFe ₂ O ₄) nanoparticles. <i>Polymer Bulletin</i> , 1	2-4	0