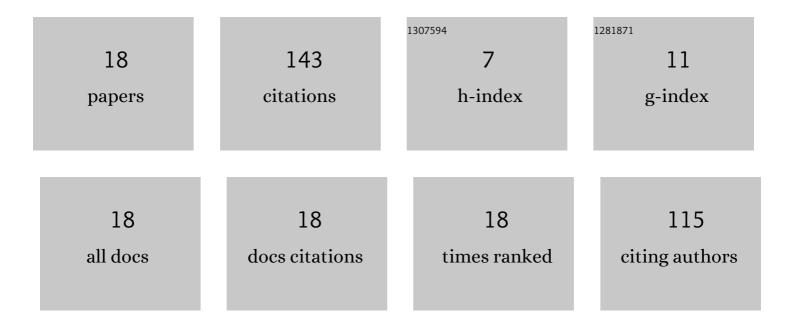
Mohamed Mostafa Shehata

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Physico-chemical properties of irradiated poly (vinyl alcohol)–Ethylene glycol blend films by γ-rays and ion beam. Polymers and Polymer Composites, 2022, 30, 096739112110632.	1.9	1
2	Influence of temperature and frequency on electrical properties of gold/PM-355 thin films treated by annealing and nitrogen ion beam. Indian Journal of Physics, 2021, 95, 1985-1993.	1.8	0
3	Effect of Gd3+ doping on structural and optical properties of MgO–MgAl2O4 nanocomposites synthesized via co-precipitation method. Journal of Materials Science: Materials in Electronics, 2021, 32, 7423-7430.	2.2	8
4	Structural, optical and electrical properties of PVC/Au thin films prepared by sputtering process. Optical and Quantum Electronics, 2021, 53, 1.	3.3	4
5	Thermal stability, mechanical properties, and gamma radiation shielding performance of polyvinyl chloride/Pb(NO ₃) ₂ composites. Journal of Polymer Engineering, 2021, 41, 737-745.	1.4	5
6	\hat{I}^3 -Rays and ion beam irradiation effects on the optical and structural properties of poly (vinyl) Tj ETQq0 0 0 rgBT / 897-902.	Overlock 1 1.5	10 Tf 50 547 5
7	Sol-Gel Synthesis of NiO/CuO Nanocomposites for Uptake of Rare Earth Elements (Ho, Yb, and Sm) from Aqueous Solutions. Russian Journal of Inorganic Chemistry, 2020, 65, 279-289.	1.3	15
8	PLASMA-ETCHING AND MODIFICATION OF POLYETHYLENE FOR IMPROVED SURFACE STRUCTURE, WETTABILITY AND OPTICAL BEHAVIOR. Surface Review and Letters, 2019, 26, 1850220.	1.1	15
9	Preliminary investigation on the effect of irradiation on tribocorrosion behavior of 316L stainless steel alloy. Journal of Radiation Research and Applied Sciences, 2019, 12, 367-374.	1.2	2
10	Cu and Ag Nanoparticles Films Deposited on Glass Substrate Using Cold Cathode Ion Source. Journal of Inorganic and Organometallic Polymers and Materials, 2017, 27, 720-727.	3.7	14
11	Synthesis and characterization of CdS nanoparticles prepared by precipitation in the presence of span 20 as surfactant. Russian Journal of Applied Chemistry, 2017, 90, 292-297.	0.5	14
12	Modification of chemical, optical and structural properties of Bayfol CR-6-2 using gamma and neutron irradiation. Radiochimica Acta, 2016, 104, 277-283.	1.2	3
13	Radiochemical separation of 76,77Br and 66,67Ga from irradiated ZnSe targets using anion-exchange chromatography. Radiochimica Acta, 2012, 100, 785-792.	1.2	4
14	Separation of radioarsenic from irradiated germanium oxide targets for the production of 71As and 72As. Journal of Radioanalytical and Nuclear Chemistry, 2011, 287, 435-442.	1.5	26
15	Radiochemical studies relevant to the separation of 68Ga and 68Ge. Journal of Radioanalytical and Nuclear Chemistry, 2011, 288, 887-893.	1.5	4
16	Investigation of Production Possibilities of Radiobromines for Diagnostic and Therapeutic Applications. Journal of the Korean Physical Society, 2011, 59, 1983-1986.	0.7	6
17	New cross section measurements for the production of the Auger electron emitters ⁷⁷ Br and ^{80m} Br. Radiochimica Acta, 2010, 98, 749-755.	1.2	14
18	Preparation and evaluation of poly-o-toluidine sulfochromate as a promising nanocomposite for selective adsorption of copper. International Journal of Environmental Analytical Chemistry, 0, , 1-20.	3.3	3