

Mohamed Mostafa Shehata

List of Publications by Year in descending order

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18
papers

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1307594

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1281871

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18
docs citations

18
times ranked

115
citing authors

#	ARTICLE	IF	CITATIONS
1	Separation of radioarsenic from irradiated germanium oxide targets for the production of ⁷¹ As and ⁷² As. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2011, 287, 435-442.	1.5	26
2	PLASMA-ETCHING AND MODIFICATION OF POLYETHYLENE FOR IMPROVED SURFACE STRUCTURE, WETTABILITY AND OPTICAL BEHAVIOR. <i>Surface Review and Letters</i> , 2019, 26, 1850220.	1.1	15
3	Sol-Gel Synthesis of NiO/CuO Nanocomposites for Uptake of Rare Earth Elements (Ho, Yb, and Sm) from Aqueous Solutions. <i>Russian Journal of Inorganic Chemistry</i> , 2020, 65, 279-289.	1.3	15
4	New cross section measurements for the production of the Auger electron emitters ⁷⁷ Br and ^{80m} Br. <i>Radiochimica Acta</i> , 2010, 98, 749-755.	1.2	14
5	Cu and Ag Nanoparticles Films Deposited on Glass Substrate Using Cold Cathode Ion Source. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2017, 27, 720-727.	3.7	14
6	Synthesis and characterization of CdS nanoparticles prepared by precipitation in the presence of span 20 as surfactant. <i>Russian Journal of Applied Chemistry</i> , 2017, 90, 292-297.	0.5	14
7	Effect of Gd ³⁺ doping on structural and optical properties of MgO/MgAl ₂ O ₄ nanocomposites synthesized via co-precipitation method. <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 7423-7430.	2.2	8
8	Investigation of Production Possibilities of Radiobromines for Diagnostic and Therapeutic Applications. <i>Journal of the Korean Physical Society</i> , 2011, 59, 1983-1986.	0.7	6
9	¹³⁷ I-Rays and ion beam irradiation effects on the optical and structural properties of poly (vinyl Tj ETQq1 1 0.784314 rgBT /Overlock 10 897-902.	1.5	5
10	Thermal stability, mechanical properties, and gamma radiation shielding performance of polyvinyl chloride/Pb(NO ₃) ₂ composites. <i>Journal of Polymer Engineering</i> , 2021, 41, 737-745.	1.4	5
11	Radiochemical studies relevant to the separation of ⁶⁸ Ga and ⁶⁸ Ge. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2011, 288, 887-893.	1.5	4
12	Radiochemical separation of ^{76,77} Br and ^{66,67} Ga from irradiated ZnSe targets using anion-exchange chromatography. <i>Radiochimica Acta</i> , 2012, 100, 785-792.	1.2	4
13	Structural, optical and electrical properties of PVC/Au thin films prepared by sputtering process. <i>Optical and Quantum Electronics</i> , 2021, 53, 1.	3.3	4
14	Modification of chemical, optical and structural properties of Bayfol CR-6-2 using gamma and neutron irradiation. <i>Radiochimica Acta</i> , 2016, 104, 277-283.	1.2	3
15	Preparation and evaluation of poly-o-toluidine sulfochromate as a promising nanocomposite for selective adsorption of copper. <i>International Journal of Environmental Analytical Chemistry</i> , 0, , 1-20.	3.3	3
16	Preliminary investigation on the effect of irradiation on tribocorrosion behavior of 316L stainless steel alloy. <i>Journal of Radiation Research and Applied Sciences</i> , 2019, 12, 367-374.	1.2	2
17	Physico-chemical properties of irradiated poly (vinyl alcohol)/Ethylene glycol blend films by ¹³⁷ I-rays and ion beam. <i>Polymers and Polymer Composites</i> , 2022, 30, 096739112110632.	1.9	1
18	Influence of temperature and frequency on electrical properties of gold/PM-355 thin films treated by annealing and nitrogen ion beam. <i>Indian Journal of Physics</i> , 2021, 95, 1985-1993.	1.8	0