



ALG. J MAT CHEM

ISSN 2661-7196

Algerian Journal of Materials Chemistry

Volume 02, Issue 2, 2019

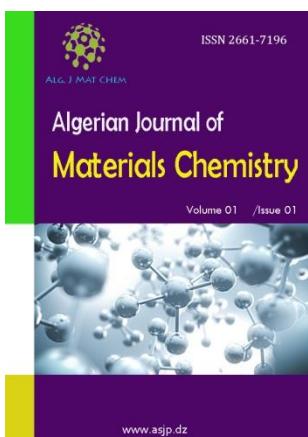


Algerian Journal of Materials Chemistry

Biannual Flight Review

University M'Hamed Bougara Boumerdes

Volume 02, Issue 2, (2019), ISSN 2661-7196



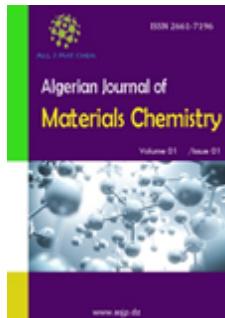
Alg. J Mat Chem

University M'hamed Bougara Boumerdes
Address: Avenue de l'indépendance, 35000,
Boumerdès, Algeria

Tel/Fax: 00213 (0) 24 92 30 10
E-mail: algerianjmc@gmail.com
Web: <https://algerianjmc.wixsite.com/ajmc>



All open access articles published in AJMC are distributed under the terms of the [Creative Commons Attribution- 4.0 International License](#)



Algerian Journal of Materials chemistry [Alg. J of Mat Chem](#) (ISSN 2661-7196) is an open access journal of related scientific research and technology development. It publishes regular research papers (articles) and short communications. Our aim is to encourage scientists to publish their experimental and theoretical results in as much detail as possible. Therefore, there is no restriction on the length of the papers. The full experimental details must be provided so that the results can be reproduced.

Materials provides a forum for publishing papers which advance the in-depth understanding of the relationship between the structure, the properties or the functions of all kinds of materials. Chemical syntheses, chemical structures and mechanical, chemical, electronic, magnetic and optical properties and various applications will be considered.

Topics Covered

Class of materials include cement, concrete, ceramics, glasses, polymers (plastics), semiconductors, magnetic materials, medical implant materials and biological materials, silica and carbon materials, metals and metallic alloys. All kinds of functional materials including material for dentistry. Composites, coatings and films, pigments. Classes of materials such as ionic crystals; covalent crystals; metals; intermetallics. Materials science or materials engineering. Nanoscience and nanotechnology will be considered also.

Editorial Team

EDITOR IN CHIEF

Dr. Amar IREKTI, Univ. Boumerdes, Algeria (a.irekti@univ-boumerdes.dz)

Scientific Secretary

Dr. Fahim HAMIDOUCH. Univ. Boumerdes, Algeria

Editorial Board

Dr. ABBAS Moussa, Univ. Boumerdes, Algeria

Dr. AKNOUCHE Hamid., Univ. Boumerdes, Algeria

Pr. AIT TAHAR Kamel., Univ. Bouira, Algeria

Dr. AKSIL Tounisia. , Univ. Boumerdes, Algeria

Pr. ALIOUCHE Djamel., Univ. Boumerdes, Algeria

Dr. BOURCHAK MOSTEFA, King Abdulaziz University, Jeddah, KSA

Pr. BOURNANE Mohamed. Univ. du Québec à Chicoutimi. Canada

Dr. BOUDIEB Naima, Univ. Boumerdes, Algeria

Pr. BRADAI M.A, Univ. Bejaia, Algeria

Pr. CHARRIER F. El Bouhtoury. Univ. Pau et des Pays de l'Adour France

Dr. DEHMOUS Hocine. Univ. Tizi Ouzou, Algeria

Dr. BUNCIANU Dorel. Timisoara, Roumanie

Dr. FEDAOUI-AKMOUSSI Ourdia. Univ. Tizi Ouzou, Algeria

Pr. GERARD JEAN, UR BioWooEB, Montpellier, France

Dr. MOKHTAR Adel, Univ. Oran1, Algeria

Dr. KHELOUI-TAOUCHÉ F., Univ. Tizi Ouzou, Algeria

Pr. KADIRI M. ENSA de Khouribga Marocco

Dr. HADDAD Boumediene Univ. Saïda. Algeria

Dr. KENNOUCHE Salim. Univ. Bouira, Algeria

Dr. JULES T. ASSIH, Univ. Reims Champagne Ardenne-France

Dr. MALEK Ammar. Univ. Boumerdes Algeria

Pr. NEMDILI Ali, Univ. Oran Algeria

Pr. LEKLOU NORDINE, Univ. Nantes, France

Dr. OUALIT Mehena., Univ. Boumerdes Algeria

Dr. M.R JAYAPAL, YIT, CHINA

Pr. SAD-EDDINE Abdelhamid., Univ. Bejaia, Algeria

Dr. SOUAG R., Univ. Boumerdes, Algeria

Dr. SEDDIKI N., Univ. Boumerdes, Algeria

Dr. TAMADAZTE Brahim. Univ. Franche Comté/CNRS/ENSMM, France.

Pr. ZERIZER Abdellatif., Univ. Boumerdes, Algeria

Dr. ZIATI Mounir. Univ. Boumerdes, Algeria

Table Of Contents

Removal of Crystal Violet (CV) in aqueous solution by Activated Carbon- Equilibrium, kinetic and Thermodynamic <i>ABBAS Moussa et al</i>	Pp33/43
Evaluation de degré de dégradation des BFUP dans deux milieux agressifs d'acides chlorhydrique et nitrique <i>Ait Medjber F. et al.</i>	pp 44/48
Stability, DFT calculations and antioxidant activity of manganese(II), iron(III), copper(II) and zinc(II) complexes formed with repaglinide <i>Sadaoui-Kacel Sihem et al</i>	pp 49/61
- Comparative Study of Extraction of Cellulose Nanocrystals (CNC) from Wood Pulp <i>BENCHIKH Lilia</i>	pp 62/69
- Damage of polycarbonate due to low temperature exposure, under air <i>REDJALA Sonya</i>	pp39/47
Searching the most optimal model of water sorption fruit powder <i>AKSIL Tounisia</i>	pp70/74
Preparation, characterization and properties of antimicrobial nanocomposites based on chitosan and modified bentonite <i>Abdelkrim Soumia</i>	pp86/100