

Name:Issam BOUDRAA

Rank:Maitre de Conference A

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Educational Profile:

- Doctorate Science in analytical and physical chemistry, Université Frères Mentouri - Constantine 1, Algeria
- Magister in Crystallography, Université Frères Mentouri - Constantine 1, Algeria
- D.E.S in Chemistry, Université Frères Mentouri - Constantine 1, Algeria

Honors and Distinctions

Scientific Activities & Membership of Scientific Societies

List of Current Research Projects

2022 : Member in PRFU N **B00L01UN250120220009** entitled : Élaboration et utilisation de supports pour la dépollution des eaux et la valorisation des adsorbats : application aux terres rares.

List of Journal Publications

1- IssamBoudraa, SevdeUstunOdabasi, Maryam Bareera, Hassan Ayadi, BrahimKebabi, HanifeBuyukgungor. Magnetization of a Biochar Derived from Orange Peel and Its Application for the Removal of Crystal Violet. **Applied Environmental Research**, 44(3) **(2022)**: 88-100. <https://doi.org/10.35762/AER.2022.44.3.7>.

2-SevdeÜstünOdabaşı, İssamBoudraà, Rukiye Aydin, HanifeBüyükgüngö. Photocatalytic Removal of Pharmaceuticals by Immobilization of TiO₂ on Activated Carbon by LC–MS/MS Monitoring. *Water Air Soil Pollut* **(2022)** 233:111. <https://doi.org/10.1007/s11270-022-05579-9>.

3-Ayadi, Hassan, Ammar Khaled, Sabrina Halladja, IssamBoudraa, ZehouaRehimi, and Mohamed M. Chehimi. "Fe₃O₄/MMT Fenton-like heterogeneous catalyst for the methylene blue degradation." *DESALINATION AND WATER TREATMENT* 260 **(2022)**: 179-186.

4- IssamBoudraa*, HassinaBougherara, BrahimKebabi.Characterization and thermal study of sewage sludge from the municipal wastewater treatment plant of El Eulma, Algeria, *Scientific Study & Research. Chemistry & Chemical Engineering, Biotechnology, Food Industry*, Vol. 21 (3) **(2020)** 367-378

5- IssamBoudraa, HassinaBougherara, WassilaCheurfi and BrahimKebabi, Characterization of the sludge of Batna (Algeria) waste water treatment plant for its valorization. *JNTM*, **(2017)**Vol. 07, N°01 64-68.

6-SouheylaChetioui, **IssamBoudraa***, Sofiane Bouacida, Abdelkader Bouchoul and Salah EddineBouaoud. (E)-1-[(2,4,6-Tribromophenyl)diazenyl]naphthalen-2-ol, Acta Cryst. **(2013)**. Vol E 69 (8), o1250-o1250. [doi:10.1107/S1600536813018977](https://doi.org/10.1107/S1600536813018977)

7-SouheylaChetioui, **IssamBoudraa***, Sofiane Bouacida, Abdelkader Bouchoul and Salah EddineBouaoud. (E)-1-(2-hydroxy-5-methylphenyl)-2-(2-oxido-naphthalen-1-yl) diazenium,Actaryst.**(2013)**. E, Vol 69 (8) o1322-o1323. [doi:10.1107/S160053681302014X](https://doi.org/10.1107/S160053681302014X)

8-HassibaBouguerria, SouheylaChetioui, **IssamBoudraa**, Abd elkaderBouchoul and salah Bouaoud. (E)-1-(2-Phenyldiazen-2-ium-1-yl)-2-naphtholate Acta Cryst.**(2013)**. Vol E 69 (8), o1335-o1336. [doi:10.1107/S1600536813020102](https://doi.org/10.1107/S1600536813020102)

9- Mohamed AbdellatifBensegueni, AouatefCherouana, Slimane Dahaoui, **IssamBoudraa**. Diaquabis [5-(2-pyrazin-2-yl) tetrazolato] copper (II)–pyrazine-2-carbonitrile (1/2), Acta Cryst. **(2014)**. Vol E 70 (3), m80-m81. [doi:10.1107/S1600536814002293](https://doi.org/10.1107/S1600536814002293).

List of Conference Papers

1- IssamBoudraa, SevdeUstun ODABASI, BareeraMARYAM , Hassan AYADI, Brahim KEBABI, Hanife BUYUKGUNGOR. Magnetisation of biochar derived from orange peels for application in water purification. 1st international Conference on Chemical matters and Environment Preservation IC-CMEP'22 March 09-10, **2022**, Ouargla – Algeria.

2- IssamBoudraa, BrahimKebabi. Activation energy of the thermal decomposition of sewage sludge of Jijel city, Algeria. International agricultural, biological&life science conference 1-3 september, 2020, Edirne, Turkey.

3-Zeroual Somia, **Boudraalssam**,BougheraraHassina, KebabiBrahim. Effect of annealing on the transformation of carbonate in the sludges ofwastewater treatment plants: case of the station of Jijel (Algeria). International agricultural, biological&life science conference 1-3 september, 2020, Edirne, Turkey.

4- ZehouaRehimi,Sabrina Halladja, Hassan Ayadi, **IssamBoudraa**, SevdeUstun and HanifeBüyükgüngör. Removal of Lead (II) from aqueous solutions using Fe₃O₄-MWCNTs :2/1 adsorbent. International Pluridisciplinary PhD Meeting (IPPM'20) 1st Edition, February 23-26, 2020

5- IssamBoudraa, SevdeUstunOdabasi, Hassan Ayadi, BrahimKebabi, HanifeBuyukgungor. Preparation, characterization and adsorption capacity of Zn (II) and Cu (II) of natural bentonite modified with magnetite. Proceedings of the **ICES 2019**: 5th International Conference on Engineering Sciences, Ankara, Turkey. ISBN: 978-1-68418-668-6.

List of Current Doctoral Research Students Supervision

1- Amina BOUSSELIYOU / starting on November 2020. Faculté des Sciences de la Terre, de la Géographie et de l'Aménagement du Territoire, université Frères Mentouri Constantine 1 entitled «Étude et évaluation de la pollution en ETM dans la vallée de Oued El Harrach, Alger».