

CURRICULUM VITAE



Personal information

- **Personal**
 - Prof. **SID Assia**
 - Professor, Sciences of Matter department, University of Oum El Bouaghi, Algeria.
 - E-mail: madamesid9@yahoo.fr or sidassia2017@gmail.com or assia.sid@univ-oeb.dz
 - Mobile: 0662116002
- **Researcher identity**
 - GoogleScholar https://scholar.google.com/citations?view_op=list_works&hl=fr&authuser=1&user=mPQnGFMAAAAJ
 - ReaserchGate: <https://www.researchgate.net/profile/Assia-Sid2>
 - ORCID: <https://orcid.org/0000-0002-6844-40>

Education

- **Ph.D.'s degree Specialty: Organic chemistry** in 2012. Oum El Bouaghi University.
- **Magister's degree Specialty Bio-enzymatic conversion** in 1998. Badji Mokhtar University. Annaba.
- **D.E.S's degree Specialty Chemistry** in 1995. Badji Mokhtar University. Annaba.

Functions and Affiliations

- **Professor**, in 2019. Oum El Bouaghi University
- **Associate professor**, in 2014. Oum El Bouaghi University.
- **Adjunct of Head of Department of Sciences of Matter** department

Teaching modules

- General Chemistry
- Organic Chemistry
- Water Chemistry
- Natural substances of plant origin. Pharmacognosy.
- Chemistry of natural products.
- Organometallic compounds.
- Polymers and composites'.

International publications

Publications (2016-2021)

- 1- Synthesis and spectral studies of 3,5-bis(4-chlorophenyl)-1-propyl-1,3,5-triazinanes. Souhila Malki, Leila Lefrada, Ahcen Bouchemma, Mustapha Bouhenguel, Mahmoud Chebbah and **Assia Sid**. *Eurjchem* 7(1), (2016), 137-138.
- 2- 1-Formyl-3-phenyl-5-(4-isopropylphenyl)-2-pyrazoline: Synthesis, characterization, antimicrobial activity and DFT studies. **Assia Sid**, Amel Messai, Cemal Parlak, Nadide Kazancı, Dominique Luneau, Gurkan Keşan, Lydia Rhyman, Ibrahim A. Alswaidan, Ponnadurai Ramasami, *Journal of molecular structure* Vol; 1221 p 46-53, (2016).
- 3- Synthesis and characterization of 1,3-bis(2-fluorophenyl)-5-pentyl-1,3,5-triazinane. Amel Ferhati, Achene Bouchemma, Mustapha Bouhenguel, Leila Lefrada, **Assia Sid**. *Eurjchem* 8 (1), (2017), 18-19.
- 4- Two hydrazones derived from 1-aryl-3-(substituted phenyl)-2-en-1-one: Synthesis, Crystal structure, Hirshfeld surface analysis and In vitro biological properties. Dammene Debbih Ouafa, **Sid Assia**, Bouchene Rafika*, Bouacida Sofiane, Mazouz Wissam and Gherraf Noureddine. **June 2018** issue of *Acta Crystallographica Section C: Structural Chemistry* (Volume 74, Part 6).
- 5- Synthesis and characterization of a bis-pyrazoline derivative as corrosion inhibitor for A283 carbon steel in 1M HCl: electrochemical, surface, DFT and MD simulation studies. Ilhem Selatnia, **Assia Sid**, Merzoug Benahmed, Ouafa Dammene Debbih, Turan Ozturk, Noureddine Guerraf. *Protection of Metals and Physical Chemistry of Surfaces*. **Vol 54, N6, 2018**.
- 6- 1-formyl-3-phenyl-5-aryl-2-pyrazoline derivatives as corrosion inhibitors of steel in acidic medium: Computational simulations study. **Ilhem Selatnia, Assia Sid**. *JNTM*, **June 2018**.
- 7- 1,2-bis(4-chlorobenzylidene)Azine as new and effective corrosion inhibitor for copper in 0.1 N HCl: A combined experimental and theoretical approach. K Abderrahim, I Selatnia, **A Sid**, Paul Mosset. *Chemical Physics Letters* 707, 117-128. <https://doi.org/10.1016/j.cplett.2018.07.046>.
- 8- Synthesis, spectroscopic characterization, crystal structure, DFT studies and biological activities of new hydrazone derivative: 1-(2,5bis((E)-4-isopropylbenzylidene) cyclopentylidene) -2-(2,4dinitrophenyl) hydrazine. Saliha Saouli, Ilhem Selatnia, Bachir Zouchoune, **Assia Sid**, Saber Mustapha Zendaoui, Chawki Bensouici, El-Eulmi Bendeif. <https://doi.org/10.1016/j.molstruc.2020.128203>.
- 9- .K.Abderrahim, T. Chouchane, I.Selatnia, A.Sid, P. Mosset. Evaluation of the effect of Tetramethylammonium Hydroxyde on the corrosion inhibition A9M steel in

industrial water, an experimental, morphological and MD simulation insights. K.Abderrahim, T. Chouchane, I.Selatnia, **A.Sid**, P. Mosset Chemical Data Collections [Volume 28](#), August 2020, 100391.

- 10- Synthesis, structural, thermal, Hirshfeld surface and DFT studies on a new hybrid compound: bis [4-(dimethylamino) pyridinium] tetrachloridomanganate (II).
A Khadri, R Bouchene, S Bouacida, **A Sid**, IA Alswaidan, P Ramasami
Journal of Coordination Chemistry 73 (4), 609-621.
- 11- Enhanced corrosion inhibition of carbon steel in HCl solution by a newly synthesized hydrazone derivative: Mechanism exploration from electrochemical, XPS, and computational studies. Oday Mohammad Ahmad Khamaysa, Ilhem Selatnia, Hadjer Zeghache, Hassane Lgaz, **Assia Sid**, Ill-Min Chung, Merzoug Benahmed, Nouredine Gherraf, Paul Mosset PII: S0167-7322(20)33346-8 DOI: <https://doi.org/10.1016/j.molliq.2020>.
- 12- Synthesis, antioxidant and anticorrosion activities of two nitrogen organic compounds
A BOUHRAOUA, OMA KHAMAYSA, I SELATNIA, **A SID**, M BENAHMED, Int. J. Chem. Biochem. Sci. 18, 63-67.
- 13- Oday MA Khamaysa, Ilhem Selatnia, Hassane Lgaz, **Assia Sid**, Han-Seung Lee, Hadjer Zeghache, Merzoug Benahmed, Ismat H Ali, Paul Mosset. Hydrazone-based green corrosion inhibitors for API grade carbon steel in HCl: Insights from electrochemical, XPS, and computational studies. [Volume 626](#), 5 October 2021, 127047. <https://doi.org/10.1016/j.colsurfa.2021.127047>.
- 14- Experimental and computational studies on the corrosion mitigation properties of a newly synthesized imine derivative for carbon steel in HCl medium.
A. Bouhraoua , O.M.A. Khamaysa , I. Selatnia , H. Lgaz , **A. Sid** , H. Zeghache ,Eno E. Ebenso, Han-Seung Lee. **j.molstruc.** 9 March 2023, 135317. <https://doi.org/10.1016/j.molstruc.2023.135317>.

Interests and Qualifications

- **Interests:** Organic Chemistry; Environmental Chemistry ; Chemical Biology.
- **Qualifications:** Spectrometry; Method Development; Applied / Experimental Chemistry. Language: Arabic, French, English.
- **Other:** Supervision of projects concerning inhibition of corrosion.