

Publications of Tayssir Hamieh

PhD. In Mathematics, PhD. In Physical Chemistry, HDR in Physical Sciences,
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On google Scholar: citation number: 3020, h-index: 28; i10-index: 80

(Website: https://www.researchgate.net/profile/Tayssir_Hamieh/publications)

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Skills and expertise:

- *Physical Chemistry,*
- *Chemical and Mechanical Engineering*
- *Surfaces and Interfaces,*
- *Thermodynamics and Energetics*
- *Adhesion Sciences*
- *Materials and Nanomaterials,*
- *Colloidal Dispersions,*
- *Inverse Gas Chromatography,*
- *Polymers and Applications*
- *Catalysis and Photocatalysis*
- *Environmental Sciences*
- *Mathematics*

Languages:

English, French and Arab

List of publications of Tayssir Hamieh

Articles in Journals.

Year 2021

1. Praveen Kumar Basivi, Visweswara Rao Pasupuleti, Tayssir Hamieh, Surface thermodynamic properties of Sodium Carboxymethyl Cellulose by Inverse Gas Chromatography. 2021, Accepted in Chemical Engineering Journal Advances.
2. Tayssir Hamieh, Fatima Al-Ali, Ali Ali-Ahmad, Khaled Chawraba, Joumana Toufaily, Zahraa Youssef, Nabil Tabaja, Thibault Roques-Carmes, Jacques Lalevée, New Methodology to Determine the Surface Energy, Specific Interactions and Acid-Base Properties of Titanium Dioxide by Inverse Gas Chromatography, International Journal of Chemical Sciences, **2021**, 19(3):1.
3. Ali Hayek, Samir Abbad Andaloussi, Nabil Tabaja, Joumana Toufaily, Evelyne Garnie-Zarli, Tayssir Hamieh, Multivariate Spatial and Temporal Analysis to Study the Variation of Physico-Chemical Parameters in Litani River, Lebanon, American Journal of Analytical Chemistry, **2021**, 12, 373-391, DOI: <https://10.4236/ajac.2021.1211023>.
4. Mahmoud Rahal, Bernadette Graff, Joumana Toufaily, Tayssir Hamieh, Guillaume Noirbent, Didier Gignes, Frédéric Dumur, and Jacques Lalevée, 3-Carboxylic Acid and Formyl-Derived Coumarins as Photoinitiators in Photo-Oxidation or Photo-Reduction Processes for Photopolymerization upon Visible Light: Photocomposite Synthesis and 3D Printing Applications, Molecules, **2021**, 26, 1753. <https://doi.org/10.3390/molecules26061753>.
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11. Z Mcheik, L Pinard, J Toufaily, T Hamieh, TJ Daou, Synthesis of Hierarchical MOR-Type Zeolites with Improved Catalytic Properties, *Molecules*, 2021, 26 (15), 4508
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13. K Chawraba, A Nassereddine, H Sleiman, J Toufaily, J Lalevée, T Hamieh, Novel Approach for Obtaining Nanocomposites with a High Percentage of Mwcnts Reinforcement and Elastomeric Materials PU/MWCNT, *Journal of Material Sciences & Engineering*, **2021**, 10 (4)
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