

# Lista de lucrări

## Doctorand Silvia GAROFALIDE

### 1. Articole științifice publicate in extenso în reviste cotate Web of Science cu factor de impact

1. Silvia Garofalide, Cristina Postolachi, Alexandru Cocean, Georgiana Cocean, Iuliana Motrescu, Iuliana Cocean, Bogdanel Silvestru Munteanu, Marius Prelipceanu, Silviu Gurlui and Liviu Leontie, Saharan Dust Storm Aerosol Characterization of the Event (9 to 13 May 2020) over European AERONET Sites, Atmosphere 2022, 13, 493, <https://doi.org/10.3390/atmos13030493> [IF=2.686 (2020); AIS=0.626 (2020)].

2. Georgiana Cocean, Alexandru Cocean, Cristina Postolachi, Silvia Garofalide, Georgiana Bulai, Bogdanel Silvestru Munteanu, Nicanor Cimpoesu, Iuliana Cocean and Silviu Gurlui, High-Power Laser Deposition of Chitosan Polymers: Medical and Environmental Applications. Polymers 2022, 14, 1537, <https://doi.org/10.3390/polym14081537> [IF=4.329 (2020); AIS=0.599 (2020)].

3. J. Madureira, A. Severino, M. Cojocaru, S. Garofalide, P.M.P. Santos, M.M. Carolino, F.M.A. Margaça, S. Cabo Verde, E-beam treatment to guarantee the safety and quality of cherry tomatoes, Innovative Food Science and Emerging Technologies, 2019, Vol.55, Page 57-65 DOI: 10.1016/j.ifset.2019.05.013, [IF=4.477(2019); AIS=0.824 (2019)].

$$I = \frac{0.626}{(10+5)/2} + \frac{0.599}{(9+5)/2} + \frac{0.824}{(8+5)/2} = 0.2956$$

$$P = 0.626$$

$$H = 1 \text{ (Web of Science)}$$

**Coefficientul I:**  $I = \sum_i AIS_{(i)} / n_{(i)}^{ef}$  din articolele științifice originale in extention la care candidatul este autor

**Coefficientul P:**  $P = \sum_i AIS_{(i)}$  din articolele științifice originale in extention la care candidatul este prim autor

$n_{(i)}^{ef}$  (numărul efectiv de autoiri ai itemului i) este  $n_{(i)}$  (numărul de autori) dacă  $n_{(i)} \leq 5$ ;  $\frac{n_{(i)}+5}{2}$  dacă  $5 < n_{(i)} \leq$

$15$ ;  $\frac{n_{(i)}+15}{3}$  dacă  $15 < n_{(i)} \leq 75$ ; ;  $\frac{n_{(i)}+45}{4}$  dacă  $n_{(i)} > 75$

**AIS** – scorul de influență absolut (*Article Influence Score*) conform *Journal Citation Report (Clarivate Analytics)* al revistei științifice (*i*) la data publicării articolului sau, atunci când anul de publicare nu se găsește în baza de date, se va considera cel mai apropiat an

**h (indicele Hirsch)** se va calcula astfel: un autor are indicele *h* dacă a publicat *h* articole care au fost citate fiecare de *h* ori, iar pentru calculare s-a folosit baza de date *Web of Science*, excluzându-se autocitările

## 2. Articole științifice publicate in extenso în reviste fără factor de impact

1. **S Garofalide**, M Diaconu, I Cocean, A Cocean, V Pelin, S Gurlui and L Leontie, Study of Physico-Chemical Characteristics of Some Major Urban Air Pollutants, IOP Conf. Series: Materials Science and Engineering 877 (2020) 012049, doi:10.1088/1757-899X/877/1/012049

## 3. Conferințe

1. **S. Garofalide**, C. Postolachi, A. Cocean, I. Cocean, Silviu Gurlui, Liviu Leontie, The contribution of climate and aerosol parameters in the movement of "Saharian smog" over Pelinia, Republic of Moldova, *13th International Conference on Physics of Advanced Materials (ICPAM-13), September 24 – 30, 2021.*

2. Vasile PELIN, Alexandru COCEAN, Cristina POSTOLACHI, **Silvia GAROFALIDE**, Francisca HUSANU, Iuliana COCEAN and Silviu GURLUI, Photochemical effects on heritage asset because environmental stress, *The 3rd International Workshop Advances on Photocatalysis including Environmental and Energy Applications AdvPhotoCat-EE 2021*, <https://photocatalysis-workshop.eu/>

3. Iuliana COCEAN, Maria DIACONU, **Silvia GAROFALIDE**, Alexandru COCEAN, Cristina POSTOLACHI, Vasile PELIN and Silviu GURLUI, Washing municipal streets – the origin of some photo-contaminants pollution, *The 3rd International Workshop Advances on Photocatalysis including Environmental and Energy Applications AdvPhotoCat-EE 2021*, <https://photocatalysis-workshop.eu/>

4. Alexandru COCEAN, Cristina POSTOLACHI, **Silvia GAROFALIDE**, Diana PATA, Maria DIACONU, Francisca HUSANU, Georgiana BULAI, Bogdan MUNTEANU, Nicanor

CIMPOESU, Dan- Gheorghe DIMITRIU, Iuliana COCEAN, Silviu GURLUI, Dual-pulse ns-laser-induced Raman and breakdown spectroscopy to enhance performance on atoms and molecular detection, *13th International Conference on Physics of Advanced Materials (ICPAM-13), September 24 – 30, 2021.*

5. **S Garofalide**, M Diaconu, I Cocean, A Cocean, V Pelin, S Gurlui and L Leontie, Study of physico-chemical characteristics of some major urban air pollutants, International Conference on Innovative Research, May 21st to 22nd, 2020, Iași.

6. **Garofalide Silvia Tudorița**, Silviu Octavian Gurlui, Liviu Leontie, The analysis of polluting compounds due to the physico-chemical properties of environment, International Conference on Innovative Research (ICIR EUROINVENT 2020), Iasi, Mai 2020.

7. **Silvia GAROFALIDE**, Vasile PELIN, Silviu GURLUI, Ion SANDU, Liviu LEONTIE, The effects of urban air pollutants on some urban constructions in the Podul de Piatra area, of the Iasi city, Romania, Present Environment and Sustainable Development, XIV-th edition, Iași, 21 November 2020.

#### **4. Membru în proiecte de cercetare**

1. ENIAN: („Accelerarea ionică intensificată prin iradiere cu laser a straturilor speciale de polimeri subtiri care conțin nanoparticule”), contract de finanțare nr. FAIR\_09/2020A), 2020-2023/ 1.600.000 lei, (Director Proiect Conf. Univ. Dr. Habil. Silviu GURLUI), Poziția: Research Assistant/ Asistent de cercetare științifică (ACS)