

ARTICOLE / STUDII IN EXTENSO PUBLICATE (R,V)

Ris 1. D.-I. Buliga, I. Popa, A. Diacon, C.A. Boscornea, 2022, *Optimization of Ultrasound-Assisted Extraction of Chlorophyll Using Design of Experiments and Stability Improvement via Encapsulation*, UPB Scientific Bulletin, Series B: Chemistry and Materials Science, 84(4), 59-72. (IF – 0.5) – ISSN:1454-2331, WOS:000897670000005

Ris 2. D.-I. Buliga, A. Diacon, I. Calinescu, I. Popa, E. Rusen, A. Ghebur, O. Tutunaru, C. A. Boscornea, 2022, *Enhancing the light fastness of natural dyes by encapsulation in silica matrix* Journal of Photochemistry and Photobiology A: Chemistry, 432, Article No. 114085. (IF – 5.141) – ISSN: 1010-6030

Ris 3. I. Asofiei, I. Călinescu, V. Staicu, D.-I. Buliga, A. I. Gavrilă, 2021, *A STRATEGY FOR ENHANCING THE EXTRACTION YIELD OF POLYPHENOLS FROM SEA BUCKTHORN LEAVES*, UPB Scientific Bulletin, Series B: Chemistry and Materials Science, 83(2), 37-44. (IF – 0,5) – ISSN:1454-2331, WOS:000661663200004

Ris 4. I. Asofiei, C. A. Boscornea, D. I. Buliga, A. Diacon, T. S. Tomas, V. C. Pop, 2020, *Mixture design experiments applied for the formulation of a textile ink with reproduction of the NATO IRR green colour used in military camouflage*, Textile Research Journal, Article No. 0040517520938152, 1-12. (IF – 2.455) – ISSN: 0040-5175, WOS: 000546738300001

Vi 1. D.-I. Buliga, I. Popa, C.A. Boscornea, A.M. Draghici-Popa, 2022, *Recovery of Natural Pigments with Potential Applications in Cosmetics and Food through Conventional and Unconventional Methods* (BBB PP-47), PRIOCHEM XVIII 2022 Book of Abstracts, 82

Vi 2. Edina Rusen, Florica Rizea, Alexandra Mocanu, Adrian Trifan, Diana-Ioana Buliga, Adrian Dinescu, Cristina Stavarache, Adi Ghebur, Daniela C. Culiță, Aurel Diacon, 2021, *Core-shell particles with thermo-responsive wetting characteristics obtained by photo-mediated suspension polymerization*, The 3rd International Workshop Advances on Photocatalysis including Environmental and Energy Applications AdvPhotoCat-EE 2021 Book of Abstracts, 116-117

Vi 3. Buliga, D.-I.; Diacon, A.; Asofiei, I.; Boscornea, C., 2020, *Stabilization of Photosensitive Curcumin by Microencapsulation*. Proceedings, 57 (1), 96. <https://doi.org/10.3390/proceedings2020057096> - ISSN 2504-3900

Vi 4. Diana-Ioana BULIGA, Aurelian Cristian BOSCORNEA, 2018, *Photocatalytic activity of TiO2 sensitized with azomethin –phthalocyanine metal complexes*, PRIOCHEM XIVth edition, Volume of summaries, P15