

# Marius Bumbac

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Electrical Percolation Threshold and Size Effects in Polyvinylpyrrolidone-Oxidized Single-Wall Carbon Nanohorn Nanocomposite: The Impact for Relative Humidity Resistive Sensors Design. <i>Sensors</i> , 2021, 21, 1435.	3.8	12
2	Quaternary Oxidized Carbon Nanohornsâ€”Based Nanohybrid as Sensing Coating for Room Temperature Resistive Humidity Monitoring. <i>Coatings</i> , 2021, 11, 530.	2.6	8
3	Ternary Nanocomposites Based on Oxidized Carbon Nanohorns as Sensing Layers for Room Temperature Resistive Humidity Sensing. <i>Materials</i> , 2021, 14, 2705.	2.9	4
4	Vibrational Spectroscopy Combined with Chemometrics as Tool for Discriminating Organic vs. Conventional Culture Systems for Red Grape Extracts. <i>Foods</i> , 2021, 10, 1856.	4.3	10
5	Ternary Holey Carbon Nanohorns/TiO <sub>2</sub> /PVP Nanohybrids as Sensing Films for Resistive Humidity Sensors. <i>Coatings</i> , 2021, 11, 1065.	2.6	3
6	Oxidized Carbon Nanohorn-Hydrophilic Polymer Nanocomposite as the Resistive Sensing Layer for Relative Humidity. <i>Analytical Letters</i> , 2021, 54, 527-540.	1.8	18
7	Quaternary Holey Carbon Nanohorns/SnO <sub>2</sub> /ZnO/PVP Nano-Hybrid as Sensing Element for Resistive-Type Humidity Sensor. <i>Coatings</i> , 2021, 11, 1307.	2.6	3
8	Ternary Oxidized Carbon Nanohorns/TiO <sub>2</sub> /PVP Nanohybrid as Sensitive Layer for Chemoresistive Humidity Sensor. , 2021, 5, .		0
9	Electrical Percolation Threshold In Oxidized Single Wall Carbon Nanohorn-Polyvinylpyrrolidone Nanocomposite: A Possible Application For High Sensitivity Resistive Humidity Sensor. , 2020, , .		3
10	Organicâ€”Inorganic Ternary Nanohybrids of Single-Walled Carbon Nanohorns for Room Temperature Chemiresistive Ethanol Detection. <i>Nanomaterials</i> , 2020, 10, 2552.	4.1	15
11	Phytochemical Profiles, Antioxidant and Antibacterial Activities of Grape ( <i>Vitis vinifera</i> L.) Seeds and Skin from Organic and Conventional Vineyards. <i>Plants</i> , 2020, 9, 1470.	3.5	30
12	Biosorption of Pb(II) from Aqueous Solution Using Mushroom ( <i>Pleurotus ostreatus</i> ) Biomass and Spent Mushroom Substrate. <i>Analytical Letters</i> , 2020, 53, 2292-2319.	1.8	18
13	Chemometricsâ€”based vibrational spectroscopy for Juglandis semen extracts investigation. <i>Journal of Chemometrics</i> , 2020, 34, e3234.	1.3	12
14	Oxidized Carbon Nanohorns as Novel Sensing Layer for Resistive Humidity Sensor. <i>Acta Chimica Slovenica</i> , 2020, 67, 469-475.	0.6	14
15	Room Temperature Chemiresistive Ethanol Detection by Ternary Nanocomposites of Oxidized Single Wall Carbon Nanohorn (ox-SWCNH). , 2020, , .		3
16	Oxidized Carbon Nanohorns as Novel Sensing Layer for Resistive Humidity Sensor. <i>Acta Chimica Slovenica</i> , 2020, 67, 469-475.	0.6	1
17	Catalytic Effect of Photoluminescent Zinc Oxide Nanoparticles Formed in the Presence of Quaternary Ammonium Salts. <i>Materials</i> , 2019, 12, 2066.	2.9	3
18	Performance of <i>Pleurotus ostreatus</i> Mushrooms and Spent Substrate for the Biosorption of Cd(II) From Aqueous Solution. <i>Analytical Letters</i> , 2019, 52, 2007-2027.	1.8	9

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19	Ternary Carbon-Based Nanocomposite as Sensing Layer for Resistive Humidity Sensor. Proceedings (mdpi), 2019, 29, 114.	0.2	7
20	Alkyd hybrid coatings for electrical rotating machines. Journal of Thermal Analysis and Calorimetry, 2018, 134, 2017-2027.	3.6	3
21	Nanostructured Semiconducting Metal Oxides for Ammonia Sensors. A Novel HSAB Sensing Paradigm. Acta Chimica Slovenica, 2018, 65, 1014-1021.	0.6	3
22	Study on Critical Micelle Concentration Influence in Green Synthesis of Silver Nanoparticles Assisted by <i>Sapindus mukorossi</i> Aqueous Extract. Revista De Chimie (discontinued), 2018, 69, 1339-1345.	0.4	0
23	Influence of Temperature on the Growth of Silver Nanoparticles Synthesized Using <i>Salvia officinalis</i> Aqueous Extract. Revista De Chimie (discontinued), 2018, 69, 1934-1938.	0.4	1
24	Influence of Phytochemical Reductive Capacity on Ultraviolet-Visible Spectroscopic Behavior of Silver Nanoparticles. Analytical Letters, 2017, 50, 2786-2801.	1.8	11
25	Growth Dynamics Study of Silver Nanoparticles Obtained by Green Synthesis using <i>Salvia officinalis</i> Extract. Analytical Letters, 2017, 50, 2802-2821.	1.8	7
26	Romanian Organic and Conventional Red Grapes Vineyards as Potential Sources of High Value-Added Products, in a Circular Economy Approach. , 0, , .		1