

# Tanta Verona Iordache

## List of Publications by Year in descending order

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38  
papers

389  
citations

759233

12  
h-index

888059

17  
g-index

41  
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41  
docs citations

41  
times ranked

429  
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis and characterization of renewable polyurethane foams using different biobased polyols from olive oil. <i>European Polymer Journal</i> , 2021, 149, 110363.	5.4	31
2	Bacterial cellulose-poly(acrylic acid-co-N-vinyl-2-methylene-bis-acrylamide) interpenetrated networks for the controlled release of fertilizers. <i>RSC Advances</i> , 2018, 8, 17635-17644.	3.6	27
3	Molecularly imprinted "bulk" copolymers as selective sorbents for gallic acid. <i>Journal of Applied Polymer Science</i> , 2013, 127, 366-374.	2.6	25
4	Poly( $\beta$ -cyclodextrin)-Activated Carbon Gel Composites for Removal of Pesticides from Water. <i>Molecules</i> , 2021, 26, 1426.	3.8	25
5	Diosgenin-selective molecularly imprinted pearls prepared by wet phase inversion. <i>Reactive and Functional Polymers</i> , 2013, 73, 1188-1197.	4.1	17
6	Synthesis and characterization of side-chain maleimide-styrene copolymers with new pendant azobenzene moieties. <i>Journal of Polymer Research</i> , 2011, 18, 1009-1016.	2.4	15
7	Functionalized bicomponent polymer membranes as supports for covalent immobilization of enzymes. <i>Reactive and Functional Polymers</i> , 2015, 96, 5-13.	4.1	15
8	Molecularly imprinted films and quaternary ammonium-functionalized microparticles working in tandem against pathogenic bacteria in wastewaters. <i>Journal of Hazardous Materials</i> , 2020, 399, 123026.	12.4	15
9	Composite Nanogels Based on Zeolite-Poly(ethylene glycol) Diacrylate for Controlled Drug Delivery. <i>Nanomaterials</i> , 2020, 10, 195.	4.1	14
10	Towards developing an efficient sensitive element for trinitrotoluene detection: TiO <sub>2</sub> thin films functionalized with molecularly imprinted copolymer films. <i>Applied Surface Science</i> , 2016, 384, 449-458.	6.1	13
11	Numerical and Experimental Investigation of Surface Plasmon Resonance Excitation Using Whispering Gallery Modes in Bent Metal-Clad Single-Mode Optical Fiber. <i>Journal of Lightwave Technology</i> , 2017, 35, 5425-5431.	4.6	13
12	Advanced hybrid membranes for efficient nickel retention from simulated wastewater. <i>Polymer International</i> , 2021, 70, 866-876.	3.1	13
13	A new microemulsion approach for producing molecularly imprinted polymers with selective recognition cavities for gallic acid. <i>Polymer International</i> , 2013, 62, 949-956.	3.1	12
14	New organophilic kaolin clays based on single-point grafted 3-aminopropyl dimethylethoxysilane. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 24908-24916.	2.8	12
15	Uncovering the behavior of screen-printed carbon electrodes modified with polymers molecularly imprinted with lipopolysaccharide. <i>Electrochemistry Communications</i> , 2021, 124, 106965.	4.7	12
16	Tailor-made polymer beads for gallic acid recognition and separation. <i>Journal of Polymer Research</i> , 2012, 19, 1.	2.4	11
17	Poly(ethylene glycol) Composite Hydrogels with Natural Zeolite as Filler for Controlled Delivery Applications. <i>Macromolecular Research</i> , 2020, 28, 211-220.	2.4	11
18	Modern and Dedicated Methods for Producing Molecularly Imprinted Polymer Layers in Sensing Applications. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 3080.	2.5	11

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19	An innovative approach to prepare hypericin molecularly imprinted pearls using a "phyto-template"; Talanta, 2016, 148, 37-45.	5.5	10
20	Application of unusual on/off electrochemical properties of a molecularly imprinted polymer based on an EDOT-thiophene precursor for the detection of ephedrine. Electrochemistry Communications, 2018, 94, 45-48.	4.7	10
21	Selecting the nature of imprinted molecular organosilica sieves with gallic acid via thermal analyses. Journal of Thermal Analysis and Calorimetry, 2014, 118, 1039-1048.	3.6	9
22	One-step preparation of molecularly imprinted hollow beads for pseudohypericin separation from Hypericum perforatum L. extracts. European Polymer Journal, 2018, 100, 48-56.	5.4	9
23	Biomimetic Sensitive Elements for 2,4,6-Trinitrotoluene Tested on Multi-Layered Sensors. Coatings, 2020, 10, 273.	2.6	8
24	Thermal analyses as tools for proving the molecular imprinting with diosgenin and sclareol in acrylic copolymer matrices. Journal of Thermal Analysis and Calorimetry, 2015, 120, 1107-1118.	3.6	7
25	The structure effect upon gallic acid re-binding in molecularly imprinted organosilica. Journal of Sol-Gel Science and Technology, 2015, 76, 529-541.	2.4	7
26	Eco-Friendly Peelable Active Nanocomposite Films Designed for Biological and Chemical Warfare Agents Decontamination. Polymers, 2021, 13, 3999.	4.5	7
27	Unique polyvinyl acetate-mesoporous synthetic zeolite composites prepared in ultrasonic field. Microporous and Mesoporous Materials, 2014, 198, 281-290.	4.4	6
28	Mitigating Antibiotic Resistance Genes in Wastewater by Sequential Treatment with Novel Nanomaterials. Polymers, 2021, 13, 1593.	4.5	5
29	Role of Functional Monomers upon the Properties of Bisphenol A Molecularly Imprinted Silica Films. Applied Sciences (Switzerland), 2021, 11, 2956.	2.5	3
30	Poly(ethylene Glycol) Diacrylate-Nanogels Synthesized by Mini-emulsion Polymerization. Materiale Plastice, 2019, 56, 514-519.	0.8	3
31	Evaluating the Content of Active Principles from Wild Hypericum perforatum L. in Various Harvesting Seasons. Revista De Chimie (discontinued), 2018, 69, 1892-1897.	0.4	3
32	Degradation of Sulfamethoxazole by Double Cylindrical Dielectric Barrier Discharge System combined with Ti /C-N-TiO2 supported Nanocatalyst. Journal of Hazardous Materials Advances, 2022, 5, 100051.	3.0	3
33	Factorial design optimization of polystyrene microspheres obtained by aqueous dispersion polymerization in the presence of poly(2-ethyl-2-oxazoline) reactive stabilizer. Polymer International, 2020, 69, 1122-1129.	3.1	2
34	Molecularly Imprinted Polymer Pearls Obtained by Phase Inversion for the Selective Recognition of Hypericin. Materiale Plastice, 2019, 56, 315-320.	0.8	2
35	Straightforward Preparation of Naphtodianthrone-Rich Ethanolic Extracts from Wild St. John's Wort. Journal of Dietary Supplements, 2020, 17, 88-96.	2.6	1
36	Evaluation of Molecularly Imprinted Polymer Pearls for Selective Isolation of Hypericins. Materiale Plastice, 2017, 54, 495-501.	0.8	1

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37	New Formulations of Flame-retardant Flexible Polyvinylchloride Composites. Materiale Plastice, 2019, 56, 568-587.	0.8	1
38	Two- component polymer beads with magnetic features as efficient means for active principles binding. Journal of Polymer Research, 2021, 28, 1.	2.4	0