

# Ana-Maria I Iordache

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9433732/publications.pdf>

Version: 2024-02-01

14  
papers

149  
citations

1307366

7  
h-index

1281743

11  
g-index

14  
all docs

14  
docs citations

14  
times ranked

204  
citing authors

#	ARTICLE	IF	CITATIONS
1	Eco-designed biohybrids based on liposomes, mintâ€™nanosilver and carbon nanotubes for antioxidant and antimicrobial coating. <i>Materials Science and Engineering C</i> , 2014, 39, 177-185.	3.8	43
2	Pd-decorated CNT as sensitive material for applications in hydrogen isotopes sensing - Application as gas sensor. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 11015-11024.	3.8	18
3	Nanobioarchitectures based on chlorophyll photopigment, artificial lipid bilayers and carbon nanotubes. <i>Beilstein Journal of Nanotechnology</i> , 2014, 5, 2316-2325.	1.5	16
4	A New Zinc Phosphate-Tellurite Glass for Magneto-Optical Applications. <i>Nanomaterials</i> , 2020, 10, 1875.	1.9	16
5	Synthesis and characterization of polyanilineâ€™Fe@C magnetic nanocomposite powder. <i>Applied Surface Science</i> , 2016, 374, 213-221.	3.1	15
6	Peculiarities of the structural and optical properties of rare-earth-doped phosphate glasses for temperature sensing applications. <i>Journal of Non-Crystalline Solids</i> , 2021, 556, 120569.	1.5	13
7	Histamine detection using functionalized porphyrin as electrochemical mediator. <i>Comptes Rendus Chimie</i> , 2018, 21, 270-276.	0.2	11
8	Synthesis and characterization of a titanium phosphateâ€™tellurite glass for Faraday rotators. <i>Journal of the American Ceramic Society</i> , 2020, 103, 3978-3990.	1.9	6
9	Pulsed Laser Deposition Films Based on CdSe-Doped Zinc Aluminophosphate Glass. <i>Jom</i> , 2021, 73, 495-503.	0.9	5
10	Dy <sup>3+</sup> and Tb <sup>3+</sup> co-doped boro-phosphate solâ€™gel vitreous thin films. <i>Journal of Sol-Gel Science and Technology</i> , 2021, 97, 39-47.	1.1	3
11	Evaluation of the quality of local butters: A new approach based on Raman spectroscopy and supported by the classical pycnometer method. <i>Food Science and Technology International</i> , 2020, 26, 113-122.	1.1	2
12	Graphene layers used as cryogenic temperature sensor. , 2014, , .		1
13	Functionalized Carbon Nanotubes for Chemical Sensing: Electrochemical Detection of Hydrogen Isotopes. <i>Coatings</i> , 2021, 11, 968.	1.2	0
14	Investigations Regarding the Addition of ZnO and Li <sub>2</sub> O-TiO <sub>2</sub> to Phosphate-Tellurite Glasses: Structural, Chemical, and Mechanical Properties. <i>Materials</i> , 2022, 15, 1644.	1.3	0