

# Gabriel Vasilievici

## List of Publications by Year in descending order

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Version: 2024-02-01

37  
papers

365  
citations

933447

10  
h-index

839539

18  
g-index

37  
all docs

37  
docs citations

37  
times ranked

446  
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of hemp fibers with modified surface on polypropylene composites. Journal of Industrial and Engineering Chemistry, 2016, 37, 137-146.	5.8	67
2	San copolymer membranes with ion exchangers for Cu(II) removal from synthetic wastewater by electro dialysis. Journal of Environmental Sciences, 2015, 35, 27-37.	6.1	61
3	Hybrid Materials Based on Multi-Walled Carbon Nanotubes and Nanoparticles with Antimicrobial Properties. Nanomaterials, 2021, 11, 1415.	4.1	31
4	Caosite-hydroxyapatite composition as consolidating material for the chalk stone from Basarabiâ€™Murfatlar churches ensemble. Applied Surface Science, 2015, 358, 612-618.	6.1	27
5	Ion-Substituted Carbonated Hydroxyapatite Coatings for Model Stone Samples. Coatings, 2019, 9, 231.	2.6	27
6	Catalytic hydrotreating of bio-oil and evaluation of main noxious emissions of gaseous phase. Scientific Reports, 2021, 11, 6176.	3.3	18
7	The Dependence of the XRD Morphology of Some Bionanocomposites on the Silicate Treatment. Journal of Nanomaterials, 2008, 2008, 1-7.	2.7	13
8	Intermediates for synthetic paraffinic kerosene from microalgae. Fuel, 2016, 172, 29-36.	6.4	11
9	Poly(ethylene oxide)-block-polystyrene copolymers obtained by radical polymerization involving chain-transfer processes. Polymer International, 2004, 53, 1987-1993.	3.1	10
10	A versatile method for obtaining new oxygenated fuel components from biomass. Industrial Crops and Products, 2018, 113, 288-297.	5.2	10
11	Grafting styrene onto poly(vinyl acetate) by free radical chain transfer reactions. Reactive and Functional Polymers, 2004, 61, 387-395.	4.1	9
12	An Evaluation of Published Kinetic Models for Vapor Phase Methanol Conversion to Dimethyl Ether over the H-ZSM-5 Catalyst. Energy & Fuels, 2018, 32, 8689-8699.	5.1	9
13	Effect of Gamma Irradiation on the PLA-Based Blends and Biocomposites Containing Rosemary Ethanolic Extract and Chitosan. Polymers, 2022, 14, 1398.	4.5	9
14	Pyrolysis of digestate from anaerobic digestion on tungsten oxide catalyst. Reaction Kinetics, Mechanisms and Catalysis, 2021, 132, 829-838.	1.7	8
15	Hydrodeoxygenation and hydrocracking of oxygenated compounds over CuPd/Î³-Al <sub>2</sub> O <sub>3</sub> â€™ZSM-5 catalyst. Reaction Kinetics, Mechanisms and Catalysis, 2021, 133, 1013-1026.	1.7	8
16	Microwave-Assisted Solâ€™Gel Preparation of the Nanostructured Magnetic System for Solid-Phase Synthesis. Nanomaterials, 2021, 11, 3176.	4.1	8
17	Thermal and spectroscopic investigation of Romanian historical documents from the nineteenth and twentieth century. Journal of Thermal Analysis and Calorimetry, 2016, 123, 1309-1318.	3.6	7
18	Microalgae Strain Porphyridium purpureum for Nutrient Reduction in Dairy Wastewaters. Sustainability, 2022, 14, 8545.	3.2	5

#	ARTICLE	IF	CITATIONS
19	Micro-analytical and microbiological investigation of selected book papers from the nineteenth century. <i>Journal of Thermal Analysis and Calorimetry</i> , 2017, 129, 1377-1387.	3.6	4
20	Development of a New Method for Determination of the Oil Content from Microalgae Lipid Fraction. <i>Revista De Chimie (discontinued)</i> , 2017, 68, 671-674.	0.4	4
21	DOUBLE SUBSTITUTED CARBONATED HYDROXYAPATITE FOR STONE CONSOLIDATION. <i>Journal of Science and Arts</i> , 2020, 20, 713-730.	0.3	4
22	A Multi-Analytical Investigation of Roman Frescoes from Rapoltu Mare (Romania). <i>Coatings</i> , 2022, 12, 530.	2.6	4
23	Layered Double Hydroxides (LDHs) as New Consolidants for Cultural Heritage Masonry. <i>Crystals</i> , 2022, 12, 490.	2.2	3
24	Polyvinyl Alcohol Melt Processing. <i>Journal of Elastomers and Plastics</i> , 2007, 39, 181-194.	1.5	2
25	Slow Pyrolysis of Biomass in Acidic or Metallic Catalysis. <i>Revista De Chimie (discontinued)</i> , 2019, 70, 3148-3151.	0.4	2
26	Preparation of magnetic biochar for nitrate removal from aqueous solutions. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2022, 135, 2629-2642.	1.7	2
27	Component for Gasoline by Hydroconversion of Furfural Derivates in Presence of Methanol. <i>Revista De Chimie (discontinued)</i> , 2017, 68, 1512-1517.	0.4	1
28	On the ultrasound-assisted preparation of Cu/SiO <sub>2</sub> system as a selective catalyst for the conversion of biobutanol to butanal. <i>Chemical Papers</i> , 2022, 76, 1443-1455.	2.2	1
29	Pyrolysis of Sunflower Oil Mucilages for Fluxing Bitumen. <i>Proceedings (mdpi)</i> , 2019, 29, 54.	0.2	0
30	Bio-Oil Produced via Catalytic Pyrolysis of the Solid Digestates from Anaerobic Co-Digestion Plants. <i>Proceedings (mdpi)</i> , 2019, 29, .	0.2	0
31	Mesoporous SBA-15-Based Materials for Catalytic Hydroprocessing Reaction of Microalgal Biomass. <i>Proceedings (mdpi)</i> , 2020, 57, .	0.2	0
32	Innovative System for Continuous Microalgae Harvesting by Electrocoagulation/Flocculation and Sedimentation. <i>Proceedings (mdpi)</i> , 2020, 57, 48.	0.2	0
33	Fuels Desulphurization by Adsorption on Blasting Grit. <i>Revista De Chimie (discontinued)</i> , 2017, 68, 732-736.	0.4	0
34	Study of Co-Cr Mixed Oxides for Different Applications. <i>Revista De Chimie (discontinued)</i> , 2017, 68, 2039-2042.	0.4	0
35	Kinetic Adsorption of Humic Acids Mixture Obtained from Microalgae on Exfoliated Graphite Nanoplatelets. <i>Revista De Chimie (discontinued)</i> , 2018, 69, 191-195.	0.4	0
36	Evaluation of <i>Porphyridium purpureum</i> and <i>Nannochloropsis</i> sp. for Carbohydrates and Lipids Production. <i>Revista De Chimie (discontinued)</i> , 2019, 70, 3305-3308.	0.4	0

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37	Mesoporous CE-SBA15 Catalysts for Algal Biomass Pyrolysis. , 0, , .		0