VojtÄ›ch Enev

List of Publications by Year
in descending order

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33	1,308	430754 18	395590 33
papers	citations	h-index	g-index

36	36	36	1649
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Polarity-Based Sequential Extraction as a Simple Tool to Reveal the Structural Complexity of Humic Acids. Agronomy, 2021, 11, 587.	1.3	7
2	Properties and structure of poly(3-hydroxybutyrate-co-4-hydroxybutyrate) filaments for fused deposition modelling. International Journal of Biological Macromolecules, 2021, 183, 880-889.	3.6	8
3	Grape winery waste as a promising feedstock for the production of polyhydroxyalkanoates and other value-added products. Food and Bioproducts Processing, 2020, 124, 1-10.	1.8	49
4	Active biodegradable packaging films modified with grape seeds lignin. RSC Advances, 2020, 10, 29202-29213.	1.7	36
5	Enzymatic Hydrolysis of Poly(3-Hydroxybutyrate-co-3-Hydroxyvalerate) Scaffolds. Materials, 2020, 13, 2992.	1.3	17
6	How the Supramolecular Nature of Lignohumate Affects Its Diffusion in Agarose Hydrogel. Molecules, 2020, 25, 5831.	1.7	2
7	The relation of biochar texture to its physicochemical and morphological characteristics. , 2020, , .		0
8	Characterization of humic acids in a continuous-feeding vermicomposting system with horse manure. Waste Management, 2019, 99, 1-11.	3.7	30
9	Drug Release Kinetics of Electrospun PHB Meshes. Materials, 2019, 12, 1924.	1.3	22
10	ATR-FTIR spectroscopy and thermogravimetry characterization of water in polyelectrolyte-surfactant hydrogels. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2019, 575, 1-9.	2.3	17
11	What keeps polyhydroxyalkanoates in bacterial cells amorphous? A derivation from stress exposure experiments. Applied Microbiology and Biotechnology, 2019, 103, 1905-1917.	1.7	29
12	Spectral characterization and comparison of humic acids isolated from some European lignites. Fuel, 2018, 213, 123-132.	3.4	97
13	Structural, magnetic, elastic, dielectric and electrical properties of hot-press sintered Co1â^'xZnxFe2O4 (x = 0.0, 0.5) spinel ferrite nanoparticles. Journal of Magnetism and Magnetic Materials, 2018, 447, 48-57.	1.0	73
14	Influence of removal of microbial inhibitors on PHA production from spent coffee grounds employing Halomonas halophila. Journal of Environmental Chemical Engineering, 2018, 6, 3495-3501.	3.3	53
15	Structural, dielectric, electrical and magnetic properties of CuFe2O4 nanoparticles synthesized by honey mediated solâ€“gel combustion method and annealing effect. Journal of Materials Science: Materials in Electronics, 2017, 28, 6245-6261.	1.1	43
16	Structural, magnetic, dielectric, and electrical properties of NiFe2O4 spinel ferrite nanoparticles prepared by honey-mediated sol-gel combustion. Journal of Physics and Chemistry of Solids, 2017, 107, 150-161.	1.9	147
17	Impact of grain size and structural changes on magnetic, dielectric, electrical, impedance and modulus spectroscopic characteristics of CoFe ₂ O ₄ nanoparticles synthesized by honey mediated sol-gel combustion method. Advances in Natural Sciences: Nanoscience and Nanotechnology, 2017, 8, 045002.	0.7	152
18	The characterization of South Moravian lignite in its natural and treated forms using thermal degradation methods. Journal of Analytical and Applied Pyrolysis, 2017, 128, 83-91.	2.6	5

#	Article	IF	Citations
19	Fluorescence Analysis of Cu(II), Pb(II) and Hg(II) Ion Binding to Humic and Fulvic Acids. Materials Science Forum, 2016, 851, 135-140.	0.3	3
20	The spectrometric characterization of lipids extracted from lignite samples from various coal basins. Organic Geochemistry, 2016, 95, 34-40.	0.9	12
21	Cation Migration-Induced Crystal Phase Transformation in Copper Ferrite Nanoparticles and Their Magnetic Property. Journal of Superconductivity and Novel Magnetism, 2016, 29, 759-769.	0.8	41
22	Impact of Nd3+ in CoFe2O4Âspinel ferrite nanoparticles on cation distribution, structural and magnetic properties. Journal of Magnetism and Magnetic Materials, 2016, 399, 109-117.	1.0	137
23	Structural and Magnetic Properties of CoFe2O4 Nanoparticles Synthesized by Starch-Assisted Solâ€“Gel Auto-Combustion Method in Air, Argon, Nitrogen and Vacuum Atmospheres. Journal of Superconductivity and Novel Magnetism, 2015, 28, 249-258.	0.8	9
24	Magnetic Properties of Dysprosium-Doped Cobalt Ferrite Nanoparticles Synthesized by Starch-Assisted Sol-Gel Auto-combustion Method. Journal of Superconductivity and Novel Magnetism, 2015, 28, 2097-2107.	0.8	30
25	Structural and Magnetic Properties of CoFe2â^'x Gd x O4 (0.0 â‰¤ x â‰¤ 0.1) Spinel Ferrite Nanoparticles Synthesized by Starch-Assisted Solâ€“Gel Auto-combustion Method. Journal of Superconductivity and Novel Magnetism, 2015, 28, 1797-1806.	0.8	7
26	Magnetic Properties of ZnFe2O4 Nanoparticles Synthesized by Starch-Assisted Solâ€“Gel Auto-combustion Method. Journal of Superconductivity and Novel Magnetism, 2015, 28, 1417-1423.	0.8	30
27	Study of water-extractable fractions from South Moravian lignite. Environmental Earth Sciences, 2015, 73, 3873-3885.	1.3	18
28	Effects of annealing temperature variation on the evolution of structural and magnetic properties of NiFe2O4 nanoparticles synthesized by starch-assisted solâ€“gel auto-combustion method. Journal of Magnetism and Magnetic Materials, 2015, 394, 439-447.	1.0	61
29	Structural, Cation Distribution, and Magnetic Properties of CoFe2O4 Spinel Ferrite Nanoparticles Synthesized Using a Starch-Assisted Solâ€“Gel Auto-Combustion Method. Journal of Superconductivity and Novel Magnetism, 2015, 28, 1851-1861.	0.8	34
30	Magnetic properties of Co 1â^'x Zn x Fe 2 O 4 spinel ferrite nanoparticles synthesized by starch-assisted solâ€“gel autocombustion method and its ball milling. Journal of Magnetism and Magnetic Materials, 2015, 378, 190-199.	1.0	113
31	Effect of Pr 3 + Substitution on Structural and Magnetic Properties of CoFe 2 O 4 Spinel Ferrite Nanoparticles. Journal of Superconductivity and Novel Magnetism, 2015, 28, 241-248.	0.8	10
32	Possibilities of Using Plasticizers in Alkali-Activated Systems. Materials Science Forum, 0, 851, 57-62.	0.3	0
33	The effect of biochar application on soil properties and growth of the model plant Zea mays. Ecocycles, 0, , 46-54.	0.2	2