

Viktória Hornok

List of Publications by Year in descending order

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26
papers

764
citations

687363

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552781

26
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docs citations

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times ranked

1199
citing authors

#	ARTICLE	IF	CITATIONS
1	Hydrothermal synthesis of prism-like and flower-like ZnO and indium-doped ZnO structures. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2009, 340, 1-9.	4.7	93
2	Effect of pH on stability and plasmonic properties of cysteine-functionalized silver nanoparticle dispersion. <i>Colloids and Surfaces B: Biointerfaces</i> , 2012, 98, 43-49.	5.0	86
3	ZnAl-layer double hydroxides as photocatalysts for oxidation of phenol in aqueous solution. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2005, 265, 64-72.	4.7	78
4	Synthesis and stabilization of Prussian blue nanoparticles and application for sensors. <i>Journal of Colloid and Interface Science</i> , 2007, 309, 176-182.	9.4	74
5	Growing and stability of gold nanoparticles and their functionalization by cysteine. <i>Gold Bulletin</i> , 2009, 42, 113-123.	2.7	69
6	Structural and thermal properties of polystyrene nanocomposites containing hydrophilic and hydrophobic layered double hydroxides. <i>Applied Clay Science</i> , 2013, 77-78, 46-51.	5.2	42
7	Hybrid Langmuir-Blodgett monolayers of graphite oxide nanosheets. <i>Carbon</i> , 2010, 48, 1676-1680.	10.3	39
8	Serum Albumin Nanoparticles: Problems and Prospects. <i>Polymers</i> , 2021, 13, 3759.	4.5	38
9	Vitamin E-Loaded PLA- and PLGA-Based Core-Shell Nanoparticles: Synthesis, Structure Optimization and Controlled Drug Release. <i>Pharmaceutics</i> , 2019, 11, 357.	4.5	31
10	The effect of synthesis conditions and tunable hydrophilicity on the drug encapsulation capability of PLA and PLGA nanoparticles. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 176, 212-218.	5.0	28
11	Layered double hydroxides for ultrathin hybrid film preparation using layer-by-layer and spin coating methods. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2008, 319, 116-121.	4.7	27
12	Preparation of ultrathin membranes by layer-by-layer (LBL) deposition of oppositely charged inorganic colloids. <i>Colloid and Polymer Science</i> , 2006, 284, 611-619.	2.1	26
13	Structural, optical, and adsorption properties of ZnO ₂ /poly(acrylic acid) hybrid thin porous films prepared by ionic strength controlled layer-by-layer method. <i>Journal of Colloid and Interface Science</i> , 2009, 332, 173-182.	9.4	23
14	Hydrothermal synthesis and humidity sensing property of ZnO nanostructures and ZnOIn(OH) ₃ nanocomposites. <i>Journal of Colloid and Interface Science</i> , 2012, 378, 100-109.	9.4	14
15	Titanate nanotube thin films with enhanced thermal stability and high-transparency prepared from additive-free sols. <i>Journal of Solid State Chemistry</i> , 2012, 192, 342-350.	2.9	12
16	Controlled syntheses and structural characterization of plasmonic and red-emitting gold/lysozyme nanohybrid dispersions. <i>Colloid and Polymer Science</i> , 2016, 294, 49-58.	2.1	12
17	Optical and structural properties of protein/gold hybrid bio-nanofilms prepared by layer-by-layer method. <i>Colloids and Surfaces B: Biointerfaces</i> , 2010, 79, 276-283.	5.0	11
18	Growth of raspberry-, prism- and flower-like ZnO particles using template-free low-temperature hydrothermal method and their application as humidity sensors. <i>Journal of Nanoparticle Research</i> , 2012, 14, 1.	1.9	11

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19	Novel feasibilities for preparation of serum albumin-based core-shell nanoparticles in flow conditions. <i>Journal of Flow Chemistry</i> , 2020, 10, 497-505.	1.9	11
20	Thin films of layered double hydroxide and silver-doped polystyrene particles. <i>Applied Clay Science</i> , 2011, 51, 241-249.	5.2	9
21	Investigation of Surface Properties and Free Volumes of Chitosan-Based Buccal Mucoadhesive Drug Delivery Films Containing Ascorbic Acid. <i>Pharmaceutics</i> , 2022, 14, 345.	4.5	7
22	Rational Mitomycin Nanocarriers Based on Hydrophobically Functionalized Polyelectrolytes and Poly(lactide-co-glycolide). <i>Langmuir</i> , 2022, 38, 5404-5417.	3.5	7
23	Antioxidant colloids via heteroaggregation of cerium oxide nanoparticles and latex beads. <i>Colloids and Surfaces B: Biointerfaces</i> , 2022, 216, 112531.	5.0	6
24	Reactionâ€“Diffusion Assisted Synthesis of Gold Nanoparticles: Route from the Spherical Nano-Sized Particles to Micrometer-Sized Plates. <i>Journal of Physical Chemistry C</i> , 2021, 125, 26116-26124.	3.1	5
25	Functionalized gold nanoparticles for 2-naphthol binding and their fluorescence properties. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2015, 481, 244-251.	4.7	3
26	Numerical investigation of the plasmonic properties of bare and cysteine-functionalized silver nanoparticles. <i>Proceedings of SPIE</i> , 2011, , .	0.8	2