Imre DÃ©kÃ¡ny

List of Publications by Year
in descending order

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358	16,659	23500	21474
papers	citations	58 h-index	114 g-index

367	367	367	18084
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Fundamentals and utilization of solid/ liquid phase boundary interactions on functional surfaces. Advances in Colloid and Interface Science, 2022, 303, 102657.	7.0	5
2	Rational Mitomycin Nanocarriers Based on Hydrophobically Functionalized Polyelectrolytes and Poly(lactide-co-glycolide). Langmuir, 2022, 38, 5404-5417.	1.6	7
3	Antioxidant colloids via heteroaggregation of cerium oxide nanoparticles and latex beads. Colloids and Surfaces B: Biointerfaces, 2022, 216, 112531.	2.5	6
4	Use of Self-Assembled Colloidal Prodrug Nanoparticles for Controlled Drug Delivery of Anticancer, Antifibrotic and Antibacterial Mitomycin. International Journal of Molecular Sciences, 2022, 23, 6807.	1.8	4
5	Synthesis of self-cleaning and photoreactive spherical layered double oxide/polymer composite thin layers: Biofouling and inactivation of bacteria. Applied Clay Science, 2022, 228, 106587.	2.6	4
6	Visible Light-Generated Antiviral Effect on Plasmonic Ag-TiO2-Based Reactive Nanocomposite Thin Film. Frontiers in Bioengineering and Biotechnology, 2021, 9, 709462.	2.0	6
7	Chitosan nanoparticles release nimodipine in response to tissue acidosis to attenuate spreading depolarization evoked during forebrain ischemia. Neuropharmacology, 2020, 162, 107850.	2.0	23
8	Fast optical method for characterizing plasmonic nanoparticle adhesion on functionalized surfaces. Analytical and Bioanalytical Chemistry, 2020, 412, 3395-3404.	1.9	2
9	Preparation and investigation of core-shell nanoparticles containing human interferon-Î±. International Journal of Pharmaceutics, 2020, 573, 118825.	2.6	16
10	Preparation of sulfur hydrophobized plasmonic photocatalyst towards durable superhydrophobic coating material. Journal of Materials Science and Technology, 2020, 41, 159-167.	5.6	8
11	Surface wetting driven release of antifibrotic Mitomycin-C drug from modified biopolymer thin films. European Polymer Journal, 2020, 139, 109995.	2.6	3
12	Photocatalytic elimination of interfacial water pollutants by floatable photoreactive composite nanoparticles. Environmental Pollution, 2020, 266, 115285.	3.7	7
13	A Stimulus-Responsive Polymer Composite Surface with Magnetic Field-Governed Wetting and Photocatalytic Properties. Polymers, 2020, 12, 1890.	2.0	8
14	Characterization of the solvent specific evaporation from a fluoropolymer surface roughened by layered double oxide (LDO) particles. Journal of Molecular Liquids, 2020, 305, 112826.	2.3	4
15	The Theoretical Concept of Polarization Reflectometric Interference Spectroscopy (PRIFS): An Optical Method to Monitor Molecule Adsorption and Nanoparticle Adhesion on the Surface of Thin Films. Photonics, 2019, 6, 76.	0.9	5
16	Small extracellular vesicles convey the stress-induced adaptive responses of melanoma cells. Scientific Reports, 2019, 9, 15329.	1.6	57
17	Reduction of Tetrachloroaurate(III) Ions With Bioligands: Role of the Thiol and Amine Functional Groups on the Structure and Optical Features of Gold Nanohybrid Systems. Nanomaterials, 2019, 9, 1229.	1.9	45
18	Red-emitting gold nanoclusters for rapid fluorescence sensing of tryptophan metabolites. Sensors and Actuators B: Chemical, 2019, 288, 728-733.	4.0	37

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19	Evaluation of pH- responsive poly(styrene-co-maleic acid) copolymer nanoparticles for the encapsulation and pH- dependent release of ketoprofen and tocopherol model drugs. European Polymer Journal, 2019, 114, 361-368.	2.6	14
20	The effect of synthesis conditions and tunable hydrophilicity on the drug encapsulation capability of PLA and PLGA nanoparticles. Colloids and Surfaces B: Biointerfaces, 2019, 176, 212-218.	2.5	28
21	Preparation of photocatalytic thin films with composition dependent wetting properties and self-healing ability. Catalysis Today, 2019, 328, 85-90.	2.2	13
22	Anti-ulcerant kynurenic acid molecules intercalated Mg/Al-layered double hydroxide and its release study. Applied Clay Science, 2018, 156, 28-35.	2.6	13
23	A redox strategy to tailor the release properties of Fe(III)-alginate aerogels for oral drug delivery. Carbohydrate Polymers, 2018, 188, 159-167.	5.1	47
24	Microstructuration of poly(3-hexylthiophene) leads to bifunctional superhydrophobic and photoreactive surfaces. Chemical Communications, 2018, 54, 650-653.	2.2	9
25	Cross-linked and hydrophobized hyaluronic acid-based controlled drug release systems. Carbohydrate Polymers, 2018, 195, 99-106.	5.1	24
26	Use of non-living lyophilized Phanerochaete chrysosporium cultivated in various media for phenol removal. Environmental Science and Pollution Research, 2018, 25, 8550-8562.	2.7	8
27	Determination of the structure and composition of Au-Ag bimetallic spherical nanoparticles using single particle ICP-MS measurements performed with normal and high temporal resolution. Talanta, 2018, 179, 193-199.	2.9	28
28	TiO₂/Agâ€“TiO₂ Nanohybrid Films are Cytocompatible with Primary Epithelial Cells of Human Origin: An In Vitro Study. Journal of Nanoscience and Nanotechnology, 2018, 18, 3916-3924.	0.9	4
29	Graphite Oxide-TiO2 Nanocomposite Type Photocatalyst for Methanol Photocatalytic Reforming Reaction. Topics in Catalysis, 2018, 61, 1323-1334.	1.3	11
30	Preparation of novel tissue acidosis-responsive chitosan drug nanoparticles: Characterization and in vitro release properties of Ca2+ channel blocker nimodipine drug molecules. European Journal of Pharmaceutical Sciences, 2018, 123, 79-88.	1.9	23
31	Preparation and Antibacterial Properties of Reactive Surface Coatings Using Solar Energy Driven Photocatalyst. , 2018, , 89-107.		0
32	Synthesis and utilization of poly (methylmethacrylate) nanocomposites based on modified montmorillonite. Arabian Journal of Chemistry, 2017, 10, 631-642.	2.3	39
33	Influence of pH and aurate/amino acid ratios on the tuneable optical features of gold nanoparticles and nanoclusters. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2017, 532, 601-608.	2.3	20
34	Nucleotide-directed syntheses of gold nanohybrid systems with structure-dependent optical features: Selective fluorescence sensing of Fe3+ ions. Colloids and Surfaces B: Biointerfaces, 2017, 155, 135-141.	2.5	24
35	Room temperature ethanol sensor with sub-ppm detection limit: Improving the optical response by using mesoporous silica foam. Sensors and Actuators B: Chemical, 2017, 243, 1205-1213.	4.0	18
36	Dimensional characterization of gold nanorods by combining millisecond and microsecond temporal resolution single particle ICP-MS measurements. Journal of Analytical Atomic Spectrometry, 2017, 32, 2455-2462.	1.6	24

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37	Thermodynamic Characterization of Temperatureâ€•and Compositionâ€Ðependent Mixed Micelle Formation in Aqueous Medium. Journal of Surfactants and Detergents, 2017, 20, 1291-1299.	1.0	10
38	Hydroxyapatite-enhanced structural, photocatalytic and antibacterial properties of photoreactive TiO2/HAp/polyacrylate hybrid thin films. Surface and Coatings Technology, 2017, 326, 316-326.	2.2	30
39	Nonactivated titanium-dioxide nanoparticles promote the growth ofChlamydia trachomatisand decrease the antimicrobial activity of silver nanoparticles. Journal of Applied Microbiology, 2017, 123, 1335-1345.	1.4	6
40	Photocatalytic, photoelectrochemical, and antibacterial activity of benign-by-design mechanochemically synthesized metal oxide nanomaterials. Catalysis Today, 2017, 284, 3-10.	2.2	23
41	Stressors alter intercellular communication and exosome profile of nasopharyngeal carcinoma cells. Journal of Oral Pathology and Medicine, 2017, 46, 259-266.	1.4	38
42	First Surfactant-Polymer EOR Injectivity Test in the AlgyÅ‘ Field, Hungary. , 2017, , .		6
43	Detection of biomolecules and bioconjugates by monitoring rotated grating-coupled surface plasmon resonance. Optical Materials Express, 2017, 7, 3181.	1.6	4
44	Modelling and Characterization of the Sorption of Kynurenic Acid on Protein Surfaces. Periodica Polytechnica: Chemical Engineering, 2017, 61, 3.	0.5	5
45	Comprehensive study on the structure of the BSA from extended-to aged form in wide (2â€“12) pH range. International Journal of Biological Macromolecules, 2016, 88, 51-58.	3.6	26
46	Gold nanohybrid systems with tunable fluorescent feature: Interaction of cysteine and cysteine-containing peptides with gold in two- and three-dimensional systems. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2016, 511, 264-271.	2.3	14
47	Kinetic and Thermodynamic Evaluation of Kynurenic Acid Binding to GluR1_{270â€“300} Polypeptide by Surface Plasmon Resonance Experiments. Journal of Physical Chemistry B, 2016, 120, 7844-7850.	1.2	17
48	Fine structure of gold nanoparticles stabilized by buthyldithiol: Species identified by MÃ¶ssbauer spectroscopy. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2016, 504, 260-266.	2.3	9
49	Layered double oxide (LDO) particle containing photoreactive hybrid layers with tunable superhydrophobic and photocatalytic properties. Applied Surface Science, 2016, 389, 294-302.	3.1	30
50	Thermodynamic and kinetic characterization of pH-dependent interactions between bovine serum albumin and ibuprofen in 2D and 3D systems. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2016, 504, 471-478.	2.3	16
51	Controlled syntheses and structural characterization of plasmonic and red-emitting gold/lysozyme nanohybrid dispersions. Colloid and Polymer Science, 2016, 294, 49-58.	1.0	12
52	Investigation of the inÂvitro photocatalytic antibacterial activity of nanocrystalline TiO₂ and coupled TiO₂/Ag containing copolymer on the surface of medical grade titanium. Journal of Biomaterials Applications, 2016, 31, 55-67.	1.2	27
53	Targeting of the kynurenic acid across the bloodâ€“brain barrier by core-shell nanoparticles. European Journal of Pharmaceutical Sciences, 2016, 86, 67-74.	1.9	44
54	Adhesion and inactivation of Gram-negative and Gram-positive bacteria on photoreactive TiO2/polymer and Agâ€“TiO2/polymer nanohybrid films. Applied Surface Science, 2016, 371, 139-150.	3.1	52

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55	Sensitive detection of aflatoxin B1 molecules on gold SPR chip surface using functionalized gold nanoparticles. Cereal Research Communications, 2015, 43, 426-437.	0.8	6
56	Functionalized gold nanoparticles for 2-naphthol binding and their fluorescence properties. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2015, 481, 244-251.	2.3	3
57	Reflectometric measurement of n-hexane adsorption on ZnO2 nanohybrid film modified by hydrophobic gold nanoparticles. Applied Surface Science, 2015, 333, 48-53.	3.1	6
58	Spherical LDHâ€“AgÂ°-Montmorillonite Heterocoagulated System with a pH-Dependent Solâ€“Gel Structure for Controlled Accessibility of AgNPs Immobilized on the Clay Lamellae. Langmuir, 2015, 31, 2019-2027.	1.6	21
59	Determination of binding capacity and adsorption enthalpy between Human Glutamate Receptor (GluR1) peptide fragments and kynurenic acid by surface plasmon resonance experiments. Part 2: Interaction of GluR1270â€“300 with KYNA. Colloids and Surfaces B: Biointerfaces, 2015, 133, 66-72.	2.5	7
60	Bovine serum albumin-sodium alkyl sulfates bioconjugates as drug delivery systems. Colloids and Surfaces B: Biointerfaces, 2015, 130, 126-132.	2.5	30
61	Mesoporous silica coreâ€“shell composite functionalized with polyelectrolytes for drug delivery. Microporous and Mesoporous Materials, 2015, 213, 134-141.	2.2	36
62	New insights into the relationship between structure and photocatalytic properties of TiO₂ catalysts. RSC Advances, 2015, 5, 2421-2428.	1.7	18
63	ZnO2 nanohybrid thin film sensor for the detection of ethanol vapour at room temperature using reflectometric interference spectroscopy. Sensors and Actuators B: Chemical, 2015, 206, 435-442.	4.0	14
64	Catalytic investigation of PdCl2(TDA)2 immobilized on hydrophobic graphite oxide in the hydrogenation of 1-pentyne and the Heck coupling reaction. Reaction Kinetics, Mechanisms and Catalysis, 2014, 113, 61-68.	0.8	5
65	Determination of binding capacity and adsorption enthalpy between Human Glutamate Receptor (GluR1) peptide fragments and kynurenic acid by surface plasmon resonance experiments. Colloids and Surfaces B: Biointerfaces, 2014, 123, 924-929.	2.5	10
66	BSA/polyelectrolyte coreâ€“shell nanoparticles for controlled release of encapsulated ibuprofen. Colloids and Surfaces B: Biointerfaces, 2014, 123, 616-622.	2.5	39
67	Preparation and Properties of a Graphene Oxide Intercalation Compound Utilizing Hydrocalumite Layered Double Hydroxide as Host Structure. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2014, 640, 1413-1419.	0.6	6
68	Intercalation and coordination of copper(II)â€“2,2â€²-bipyridine complexes into graphite oxide. Carbon, 2014, 72, 425-428.	5.4	10
69	Photocatalytic performance of silver-modified TiO2 embedded in poly(ethyl-acrylate-co-methyl) Tj ETQq1 1 0.784314 rgBT /Overlock 10	1.0	24
70	Investigation of the antibacterial effects of silver-modified TiO2 and ZnO plasmonic photocatalysts embedded in polymer thin films. Environmental Science and Pollution Research, 2014, 21, 11155-11167.	2.7	39
71	Interaction of biofunctionalized gold nanoparticles with model phospholipid membranes. Colloid and Polymer Science, 2014, 292, 2715-2725.	1.0	25
72	Confocal Raman spectroscopy to monitor intracellular penetration of TiO₂ nanoparticles. Journal of Raman Spectroscopy, 2014, 45, 807-813.	1.2	10

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73	Solâ€“gel synthesis of nanostructured indium tin oxide with controlled morphology and porosity. Applied Surface Science, 2014, 320, 725-731.	3.1	24
74	Surface and Structural Properties of Gold Nanoparticles and Their Biofunctionalized Derivatives in Aqueous Electrolytes Solution. Journal of Dispersion Science and Technology, 2014, 35, 815-825.	1.3	18
75	Superoxide dismutase inspired immobilised Ni(II)â€“protected amino acid catalystsâ€”Synthesis, characterisation, and catalytic activity. Journal of Molecular Catalysis A, 2014, 395, 93-99.	4.8	0
76	Collective Plasmonic Resonances on Arrays of Cysteine-Functionalized Silver Nanoparticle Aggregates. Journal of Physical Chemistry C, 2014, 118, 17940-17955.	1.5	10
77	LED-light Activated Antibacterial Surfaces Using Silver-modified TiO2 Embedded in Polymer Matrix. Journal of Advanced Oxidation Technologies, 2014, 17, .	0.5	4
78	Comparative study of particle size analysis of hydroxyapatite-based nanomaterials. Chemical Papers, 2013, 67, .	1.0	31
79	151Eu MÃ¶ssbauer study of luminescent Y2O3:Eu3â€‰+â€‰ core-shell nanoparticles. Hyperfine Interactions, 2013, 218, 23-28.	0.2	1
80	Comparative study of the kinetics and equilibrium of phenol biosorption on immobilized white-rot fungus Phanerochaete chrysosporium from aqueous solution. Colloids and Surfaces B: Biointerfaces, 2013, 103, 381-390.	2.5	28
81	Comparative Study of Plasmonic Properties of Cysteine-Functionalized Gold and Silver Nanoparticle Aggregates. Plasmonics, 2013, 8, 53-62.	1.8	9
82	Intercalation of lecithins for preparation of layered nanohybrid materials and adsorption of limonene. Applied Clay Science, 2013, 72, 155-162.	2.6	29
83	Structural and thermal properties of polystyrene nanocomposites containing hydrophilic and hydrophobic layered double hydroxides. Applied Clay Science, 2013, 77-78, 46-51.	2.6	42
84	Colloid Clay Science. Developments in Clay Science, 2013, 5, 243-345.	0.3	63
85	Clay Mineralâ€“Organic Interactions. Developments in Clay Science, 2013, 5, 435-505.	0.3	111
86	Photocatalyst separation from aqueous dispersion using graphene oxide/TiO2 nanocomposites. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2013, 433, 230-239.	2.3	45
87	Adsorption of Ibuprofen and Dopamine on Functionalized Gold Using Surface Plasmon Resonance Spectroscopy at Solid-Liquid Interface. Croatica Chemica Acta, 2013, 86, 287-295.	0.1	21
88	Adsorption of Arsenic on MgAl Layered Double Hydroxide. Croatica Chemica Acta, 2013, 86, 273-279.	0.1	10
89	Silver and Phosphate Functionalized Reactive TiO2/Polymer Composite Films for Destructions of Resistent Bacteria Using Visible Light. Journal of Advanced Oxidation Technologies, 2012, 15, .	0.5	5
90	Titanate nanotube thin films with enhanced thermal stability and high-transparency prepared from additive-free sols. Journal of Solid State Chemistry, 2012, 192, 342-350.	1.4	12

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91	Structural and luminescence properties of Y2O3:Eu3+ coreâ€“shell nanoparticles. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2012, 405, 6-13.	2.3	17
92	Effect of pH on stability and plasmonic properties of cysteine-functionalized silver nanoparticle dispersion. Colloids and Surfaces B: Biointerfaces, 2012, 98, 43-49.	2.5	86
93	Synthesis and characterization of Ag/Au alloy and core(Ag)â€“shell(Au) nanoparticles. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2012, 415, 281-287.	2.3	49
94	Synthesis, Structure, and Photocatalytic Activity of Titanium Dioxide and Some of Its Surface-Modified Derivatives. , 2012, , 459-489.		0
95	Enhanced Photoluminescence of ZnO Langmuirâ€“Blodgett Films on Gold-Coated Substrates by Plasmonic Coupling. Journal of Physical Chemistry C, 2012, 116, 15667-15674.	1.5	7
96	Highly transparent ITO thin films on photosensitive glass: solâ€“gel synthesis, structure, morphology and optical properties. Applied Physics A: Materials Science and Processing, 2012, 107, 385-392.	1.1	15
97	Growth of raspberry-, prism- and flower-like ZnO particles using template-free low-temperature hydrothermal method and their application as humidity sensors. Journal of Nanoparticle Research, 2012, 14, 1.	0.8	11
98	Optimization of the Field Enhancement and Spectral Bandwidth of Single and Coupled Bimetal Coreâ€“Shell Nanoparticles for Few-Cycle Laser Applications. Plasmonics, 2012, 7, 99-106.	1.8	11
99	Synthesis and catalytic investigation of organophilic Pd/graphite oxide nanocomposites. Catalysis Communications, 2012, 17, 104-107.	1.6	7
100	Silver and gold modified plasmonic TiO2 hybrid films for photocatalytic decomposition of ethanol under visible light. Catalysis Today, 2012, 181, 156-162.	2.2	46
101	Gold nanoparticles formation in the aqueous system of gold(III) chloride complex ions and hydrazine sulfateâ€”Kinetic studies. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2012, 397, 63-72.	2.3	58
102	Hydrothermal synthesis and humidity sensing property of ZnO nanostructures and ZnOIn(OH)3 nanocomposites. Journal of Colloid and Interface Science, 2012, 378, 100-109.	5.0	14
103	Low-temperature sintering behavior of nanocrystalline indium tin oxide prepared from polymer-containing sols. Materials Research Bulletin, 2012, 47, 933-940.	2.7	5
104	A short solid-state synthesis leading to titanate compounds with porous structure and nanosheet morphology. Microporous and Mesoporous Materials, 2012, 147, 53-58.	2.2	13
105	Preparation and properties of nanoscale containers for biomedical application in drug delivery: preliminary studies with kynurenic acid. Journal of Neural Transmission, 2012, 119, 115-121.	1.4	10
106	Some Colloidal Routes to Synthesize Metal Nanoparticle-Based Catalysts. , 2012, , 413-457.		1
107	Thin films of layered double hydroxide and silver-doped polystyrene particles. Applied Clay Science, 2011, 51, 241-249.	2.6	9
108	Stabilisation of SWNTs by alkyl-sulfate chitosan derivatives of different molecular weight: towards the preparation of hybrids with anticoagulant properties. Nanoscale, 2011, 3, 1218.	2.8	12

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109	Numerical investigation of the plasmonic properties of bare and cysteine-functionalized silver nanoparticles. Proceedings of SPIE, 2011, , .	0.8	2
110	Three-dimensionally embedded indium tin oxide (ITO) films inÂphotosensitive glass: aÂtransparent and conductive platform forÂmicrodevices. Applied Physics A: Materials Science and Processing, 2011, 102, 265-269.	1.1	5
111	Two-dimensional arrangement of monodisperse ZnO particles with Langmuirâ€“Blodgett technique. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2011, 384, 80-89.	2.3	13
112	Preparation of transparent conductive indium tin oxide thin films from nanocrystalline indium tin hydroxide by dip-coating method. Thin Solid Films, 2011, 519, 3113-3118.	0.8	32
113	Hydrophobization of bovine serum albumin with cationic surfactants with different hydrophobic chain length. Colloids and Surfaces B: Biointerfaces, 2010, 79, 61-68.	2.5	30
114	Functionalization of gold nanoparticles with amino acid, Î²-amyloid peptides and fragment. Colloids and Surfaces B: Biointerfaces, 2010, 81, 235-241.	2.5	116
115	Effects of phosphate modification on the structure and surface properties of ordered mesoporous SnO2. Microporous and Mesoporous Materials, 2010, 134, 79-86.	2.2	15
116	Formation of gold nanoparticles in diblock copolymer micelles with various reducing agents. Journal of Thermal Analysis and Calorimetry, 2010, 101, 865-872.	2.0	19
117	The effect of particle shape on the activity of nanocrystalline TiO2 photocatalysts in phenol decomposition. Part 3: The importance of surface quality. Applied Catalysis B: Environmental, 2010, 96, 577-585.	10.8	46
118	Optical properties and electric conductivity of gold nanoparticle-containing, hydrogel-based thin layer composite films obtained by photopolymerization. Applied Surface Science, 2010, 256, 2809-2817.	3.1	38
119	Optical, structural and adsorption properties of zinc peroxide/hydrogel nanohybrid films. Applied Surface Science, 2010, 256, 5349-5354.	3.1	10
120	Size-dependent photoluminescence properties of bare ZnO and polyethylene imine stabilized ZnO nanoparticles and their Langmuirâ€“Blodgett films. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2010, 364, 26-33.	2.3	14
121	Optical and structural properties of protein/gold hybrid bio-nanofilms prepared by layer-by-layer method. Colloids and Surfaces B: Biointerfaces, 2010, 79, 276-283.	2.5	11
122	Hybrid Langmuirâ€“Blodgett monolayers of graphite oxide nanosheets. Carbon, 2010, 48, 1676-1680.	5.4	39
123	A Layered Titanium Phosphate Ti₂O₃(H₂PO₄)₂Â·2H₂O with Rectangular Morphology: Synthesis, Structure, and Cysteamine Intercalation. Chemistry of Materials, 2010, 22, 4356-4363.	3.2	33
124	Composition dependent changes in the swelling and mechanical properties of nanocomposite hydrogels. Nanopages, 2009, 4, 13-32.	0.2	0
125	The influence of the interfacial properties of composite catalyst material on the photocatalytic conversion of TiO_2 layer silicates. Periodica Polytechnica: Chemical Engineering, 2009, 53, 31.	0.5	1
126	Acrylamide, Acrylic Acid and N-Isopropylacrylamide Hydrogels as Osmotic Tissue Expanders. Skin Pharmacology and Physiology, 2009, 22, 305-312.	1.1	8

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127	AFM Study of Smectites in Hybrid Langmuir-Blodgett Films: Saponite, Wyoming Bentonite, Hectorite, and Laponite. Clays and Clay Minerals, 2009, 57, 706-714.	0.6	12
128	Hybrid ZnO/polymer thin films prepared by RF magnetron sputtering. Colloid and Polymer Science, 2009, 287, 481-485.	1.0	20
129	Optical properties of zinc peroxide and zinc oxide multilayer nanohybrid films. Applied Surface Science, 2009, 255, 6953-6962.	3.1	32
130	Isothermal titration calorimetric studies of the pH induced conformational changes of bovine serum albumin. Journal of Thermal Analysis and Calorimetry, 2009, 96, 1009-1017.	2.0	47
131	The effect of surface modification of layer silicates on the thermoanalytical properties of poly(NIPAAm-co-AAm) based composite hydrogels. Journal of Thermal Analysis and Calorimetry, 2009, 98, 485-493.	2.0	10
132	Photooxidation of ethanol on Cu-layer silicate/TiO2 composite thin films. Reaction Kinetics and Catalysis Letters, 2009, 96, 367-377.	0.6	1
133	Growing and stability of gold nanoparticles and their functionalization by cysteine. Gold Bulletin, 2009, 42, 113-123.	3.2	69
134	Structural, optical, and adsorption properties of ZnO2/poly(acrylic acid) hybrid thin porous films prepared by ionic strength controlled layer-by-layer method. Journal of Colloid and Interface Science, 2009, 332, 173-182.	5.0	23
135	Preparation and characterization of mesoporous N-doped and sulfuric acid treated anatase TiO2 catalysts and their photocatalytic activity under UV and Vis illumination. Journal of Solid State Chemistry, 2009, 182, 3076-3084.	1.4	54
136	Photocatalysis on silver-layer silicate/titanium dioxide composite thin films at solid/vapour interface. Catalysis Today, 2009, 144, 160-165.	2.2	8
137	Hydrothermal synthesis of prism-like and flower-like ZnO and indium-doped ZnO structures. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2009, 340, 1-9.	2.3	93
138	Preparation of nanosize cerium oxide particles in W/O microemulsions. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2009, 345, 31-40.	2.3	25
139	Plasmonic structure generation by laser illumination of silica colloid spheres deposited onto prepatterned polymer-bimetal films. Applied Surface Science, 2009, 255, 5138-5145.	3.1	5
140	Swelling properties of copolymer hydrogels in the presence of montmorillonite and alkylammonium montmorillonite. Applied Clay Science, 2009, 43, 260-270.	2.6	32
141	Structural characterization of arsenate ion exchanged MgAl-layered double hydroxide. Applied Clay Science, 2009, 44, 75-82.	2.6	50
142	Pressure-Induced Insertion of Liquid Alcohols into Graphite Oxide Structure. Journal of the American Chemical Society, 2009, 131, 18445-18449.	6.6	74
143	Nanocarbons by High-Temperature Decomposition of Graphite Oxide at Various Pressures. Journal of Physical Chemistry C, 2009, 113, 11279-11284.	1.5	37
144	Graphite Oxide as a Novel Host Material of Catalytically Active Pd Nanoparticles. Catalysis Letters, 2008, 124, 34-38.	1.4	41

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145	Metal nanoparticle formation on layer silicate lamellae. Colloid and Polymer Science, 2008, 286, 3-14.	1.0	31
146	Honoring Janos H. Fendler. Colloid and Polymer Science, 2008, 286, 1-2.	1.0	0
147	Investigation of the structure and swelling of poly(N-isopropyl-acrylamide-acrylamide) and poly(N-isopropyl-acrylamide-acrylic acid) based copolymer and composite hydrogels. Colloid and Polymer Science, 2008, 286, 1575-1585.	1.0	19
148	Colossal Pressureâ€Induced Lattice Expansion of Graphite Oxide in the Presence of Water. Angewandte Chemie - International Edition, 2008, 47, 8268-8271.	7.2	109
149	Structural, optical and photoelectric properties of indium-doped zinc oxide nanoparticles prepared in dimethyl sulphoxide. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2008, 318, 141-150.	2.3	28
150	Title is missing!. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2008, 319, 1.	2.3	0
151	Alkylthiol-functionalized gold nanoparticles for sensing organic vapours: The connection between the adsorption isotherm and the sensor resistance. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2008, 329, 205-210.	2.3	16
152	Preparation of hexagonally aligned inorganic nanoparticles from diblock copolymer micellar systems. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2008, 331, 213-219.	2.3	12
153	Optical properties of zinc oxide ultrathin hybrid films on silicon wafer prepared by layer-by-layer method. Thin Solid Films, 2008, 516, 3009-3014.	0.8	14
154	Synthesis and catalytic application of Pd nanoparticles in graphite oxide. Carbon, 2008, 46, 1631-1637.	5.4	89
155	Layered double hydroxides for ultrathin hybrid film preparation using layer-by-layer and spin coating methods. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2008, 319, 116-121.	2.3	27
156	Photocatalytic activity of silver-modified titanium dioxide at solidâ€“liquid and solidâ€“gas interfaces. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2008, 319, 136-142.	2.3	40
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