

Chang-Sik Ha

List of Publications by Year in descending order

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472
papers

20,233
citations

27035

58
h-index

16791

127
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475
all docs

475
docs citations

475
times ranked

24627
citing authors

#	ARTICLE	IF	CITATIONS
1	Rapid and selective adsorption of Li ⁺ from concentrated seawater using repulsive force of Al ³⁺ -crosslinked alginate composite incorporated with hydrogen manganese oxide. <i>Hydrometallurgy</i> , 2022, 208, 105812.	1.8	5
2	Heteroatom-doped nanomaterials/core-shell nanostructure based electrocatalysts for the oxygen reduction reaction. <i>Journal of Materials Chemistry A</i> , 2022, 10, 987-1021.	5.2	24
3	Transition metal oxy/hydroxides functionalized flexible halloysite nanotubes for hydrogen evolution reaction. <i>Journal of Colloid and Interface Science</i> , 2022, 618, 518-528.	5.0	11
4	Preparation and properties of ethylene-vinyl acetate copolymer-based blend foams. <i>Journal of Elastomers and Plastics</i> , 2021, 53, 68-82.	0.7	12
5	Fabrication of robust self-cleaning superhydrophobic coating by deposition of polymer layer on candle soot surface. <i>Journal of Applied Polymer Science</i> , 2021, 138, 49943.	1.3	26
6	Polyethyleneimine-grafted polysilsesquioxane hollow spheres for the highly efficient removal of anionic dyes and selective adsorption of Cr(VI). <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 104814.	3.3	23
7	Facile synthesis of silver nanoparticles stabilized dual responsive silica nanohybrid: A highly active switchable catalyst for oxidation of alcohols in aqueous medium. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 611, 125846.	2.3	14
8	Dual stimuli-responsive silver nanoparticles decorated SBA-15 hybrid catalyst for selective oxidation of alcohols under mild conditions. <i>Microporous and Mesoporous Materials</i> , 2021, 311, 110697.	2.2	7
9	Transparent regenerated cellulose bionanocomposite film reinforced by exfoliated montmorillonite with polyhedral oligomeric silsesquioxane bearing amino groups. <i>Composite Interfaces</i> , 2021, 28, 653-669.	1.3	3
10	Superhydrophobic Polymer/Nanoparticle Hybrids. , 2021, , 91-116.		0
11	ZnAlMCM-41: a very ecofriendly and reusable solid acid catalyst for the highly selective synthesis of 1,3-dioxanes by the Prins cyclization of olefins. <i>Dalton Transactions</i> , 2021, 50, 1672-1682.	1.6	3
12	Highly Transparent, Robust Hydrophobic, and Amphiphilic Organic-Inorganic Hybrid Coatings for Antifogging and Antibacterial Applications. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 6615-6630.	4.0	35
13	Phosphorescence-Based Flexible and Transparent Optical Temperature-Sensing Skin Capable of Operating in Extreme Environments. <i>ACS Applied Polymer Materials</i> , 2021, 3, 2461-2469.	2.0	20
14	Soluble Polyimides Derived from a Novel Aromatic Diamine Containing an Imidazole Unit and Trifluoromethyl Groups. <i>Macromolecular Research</i> , 2021, 29, 365-375.	1.0	7
15	Thermally Robust Zirconia Nanorod/Polyimide Hybrid Films as a Highly Flexible Dielectric Material. <i>ACS Applied Nano Materials</i> , 2021, 4, 8217-8230.	2.4	14
16	Stimuli-responsive organic-inorganic mesoporous silica hybrids: A comprehensive review on synthesis and recent advances. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2021, 270, 115232.	1.7	14
17	Dual (thermo-/pH-) responsive P(NIPAM-co-AA-co-HEMA) nanocapsules for controlled release of 5-fluorouracil. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2021, 58, 860-871.	1.2	11
18	Functionalized Mesoporous Silica for Highly Selective Sensing of Iron Ion in Water. <i>Journal of Nanoscience and Nanotechnology</i> , 2021, 21, 4406-4411.	0.9	0

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19	Transparent and Hard Siloxane Based Hybrid UV-Curable Coating Materials with Amphiphobic Properties. <i>Journal of Nanoscience and Nanotechnology</i> , 2021, 21, 4450-4456.	0.9	1
20	SBA-15 with Crystalline Walls Produced via Thermal Treatment with the Alkali and Alkali Earth Metal Ions. <i>Materials</i> , 2021, 14, 5270.	1.3	1
21	Crown-Ether-Modified SBA-15 for the Adsorption of Cr(VI) and Zn(II) from Water. <i>Materials</i> , 2021, 14, 5060.	1.3	0
22	Effect of pHs on the Structure Evolution of Platinum Nanoclusters and Their Surface Plasmon Resonance Properties. <i>Journal of Nanoscience and Nanotechnology</i> , 2021, 21, 4700-4704.	0.9	1
23	Superhydrophobic Al ₂ O ₃ -Polymer Composite Coating for Self-Cleaning Applications. <i>Coatings</i> , 2021, 11, 1162.	1.2	14
24	Tunable multi-responsive nano-gated mesoporous silica nanoparticles as drug carriers. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 208, 112119.	2.5	6
25	<i>In situ</i> thermosensitive hybrid mesoporous silica: preparation and the catalytic activities for carbonyl compound reduction. <i>Dalton Transactions</i> , 2021, 50, 11730-11741.	1.6	6
26	Synthesis of size-controlled and highly monodispersed silica nanoparticles using a short alkyl-chain fluorinated surfactant. <i>RSC Advances</i> , 2021, 11, 2194-2201.	1.7	1
27	Phosphorescence-based temperature and tactile multi-functional flexible sensing skin. <i>Sensors and Actuators A: Physical</i> , 2021, 332, 113205.	2.0	2
28	Rational design of thermoresponsive functionalized MCM-41 and their decoration with bimetallic Ag-Pd nanoparticles for catalytic application. <i>Microporous and Mesoporous Materials</i> , 2020, 291, 109711.	2.2	23
29	Pd nanoparticle incorporated mesoporous silicas with excellent catalytic activity and dual responsiveness. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 585, 124074.	2.3	17
30	Recent Advances in durability of superhydrophobic self-cleaning technology: A critical review. <i>Progress in Organic Coatings</i> , 2020, 138, 105381.	1.9	266
31	Hierarchical multi-porous carbonaceous beads prepared with nano-CaCO ₃ in-situ encapsulated hydrogels for efficient batch and column removal of antibiotics from water. <i>Microporous and Mesoporous Materials</i> , 2020, 293, 109830.	2.2	21
32	Tunable catalytic activity of gold nanoparticle decorated SBA-15/PDMAEMA hybrid system. <i>Journal of Porous Materials</i> , 2020, 27, 611-620.	1.3	8
33	Photoconductive polyimides derived from a novel imidazole-containing diamine. <i>High Performance Polymers</i> , 2020, 32, 620-630.	0.8	8
34	Poly(lactic acid)/Functionalized Silica Hybrids by Reactive Extrusion: Thermal, Rheological, and Degradation Behavior. <i>Macromolecular Research</i> , 2020, 28, 327-335.	1.0	4
35	Effect of graphene oxide content on the tensile properties and swelling ratio of chitosan/xanthan gum/graphene oxide hydrogel films. <i>Molecular Crystals and Liquid Crystals</i> , 2020, 706, 72-78.	0.4	4
36	pH-Sensitive Drug Delivery System Based on Mesoporous Silica Modified with Poly-L-Lysine (PLL) as a Gatekeeper. <i>Journal of Nanoscience and Nanotechnology</i> , 2020, 20, 6925-6934.	0.9	10

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37	Temperature-responsive mesoporous silica nanoreactor with polymer gatings immobilized surface via a "grafting-to" approach as peroxidase-like catalyst. <i>Microporous and Mesoporous Materials</i> , 2020, 306, 110472.	2.2	5
38	Palladium nanoparticles-anchored dual-responsive SBA-15-PNIPAM/PMAA nanoreactor: a novel heterogeneous catalyst for a green Suzuki-Miyaura cross-coupling reaction. <i>RSC Advances</i> , 2020, 10, 28193-28204.	1.7	19
39	Dual Stimuli-Responsive Copper Nanoparticles Decorated SBA-15: A Highly Efficient Catalyst for the Oxidation of Alcohols in Water. <i>Nanomaterials</i> , 2020, 10, 2051.	1.9	8
40	Light-Activated Polymer-Coated Mesoporous Silica with Azobenzene Moiety for the Controlled Delivery of Guest Molecules. <i>Journal of Nanoscience and Nanotechnology</i> , 2020, 20, 6935-6942.	0.9	1
41	Polyketone nanofiber: an effective reinforcement for the development of novel UV-curable, highly transparent and flexible polyurethane nanocomposite films. <i>Polymer International</i> , 2020, 69, 1008-1017.	1.6	11
42	Green oxidation of alkylaromatics using molecular oxygen over mesoporous manganese silicate catalysts. <i>Dalton Transactions</i> , 2020, 49, 9710-9718.	1.6	7
43	Chelation dependent selective adsorption of metal ions by Schiff Base modified SBA-15 from aqueous solutions. <i>Journal of Environmental Chemical Engineering</i> , 2020, 8, 104248.	3.3	14
44	Silver nanoparticles impregnated pH-responsive nanohybrid system for the catalytic reduction of dyes. <i>Microporous and Mesoporous Materials</i> , 2020, 303, 110260.	2.2	21
45	Transparent Conductive Silver Nanowire Embedded Polyimide/Reduced Graphene Oxide Hybrid Film. <i>Journal of Nanoscience and Nanotechnology</i> , 2020, 20, 4866-4872.	0.9	7
46	Raspberry-Like Polysilsesquioxane Particles with Hollow-Spheres-on-Sphere Structure: Rational Design, Controllable Synthesis, and Catalytic Application. <i>Polymers</i> , 2019, 11, 1350.	2.0	18
47	Cover Image, Volume 68, Issue 8. <i>Polymer International</i> , 2019, 68, i.	1.6	0
48	Recent developments in air-trapped superhydrophobic and liquid-infused slippery surfaces for anti-icing application. <i>Progress in Organic Coatings</i> , 2019, 137, 105373.	1.9	129
49	Facile and one-pot synthesis of magnetic nanoparticles containing mesoporous carbon. <i>Molecular Crystals and Liquid Crystals</i> , 2019, 685, 55-63.	0.4	1
50	Silsesquioxane-Containing Hybrid Nanomaterials: Fascinating Platforms for Advanced Applications. <i>Macromolecular Chemistry and Physics</i> , 2019, 220, 1800324.	1.1	64
51	Highly transparent, organic-inorganic hybrid UV-curable coating materials with amphiphobic characteristics. <i>Progress in Organic Coatings</i> , 2019, 134, 323-332.	1.9	12
52	Superhydrophobic and Low- μ k Polyimide Film with Porous Interior Structure and Hierarchical Surface Morphology. <i>Macromolecular Materials and Engineering</i> , 2019, 304, 1900252.	1.7	10
53	Sulfamerazine Schiff-base complex intercalated layered double hydroxide: synthesis, characterization, and antimicrobial activity. <i>Heliyon</i> , 2019, 5, e01521.	1.4	26
54	Functionalized and Monodispersed Mesoporous Silica Nanospheres with a Schiff-Base for Metal Ion Adsorption. <i>Journal of Nanoscience and Nanotechnology</i> , 2019, 19, 6239-6246.	0.9	0

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55	Hexadecyltrimethylammonium Bromide Surfactant-Supported Silica Material for the Effective Adsorption of Metanil Yellow Dye. ACS Omega, 2019, 4, 8548-8558.	1.6	21
56	Folic Acid-Polyethyleneimine Functionalized Mesoporous Silica Nanoparticles as a Controlled Release Nanocarrier. Journal of Nanoscience and Nanotechnology, 2019, 19, 6217-6224.	0.9	16
57	Polyimide nanohybrid films with electrochemically functionalized graphene. Polymer International, 2019, 68, 1441-1449.	1.6	5
58	One-pot synthesis of alkylammonium-functionalized mesoporous silica hollow spheres in water and films at the air-water interface. Emergent Materials, 2019, 2, 45-58.	3.2	5
59	Recent Trends on Transparent Colorless Polyimides with Balanced Thermal and Optical Properties: Design and Synthesis. Macromolecular Chemistry and Physics, 2019, 220, 1800313.	1.1	145
60	Effect of light stabilizers on properties of UV-curable polyurethane acrylates. Molecular Crystals and Liquid Crystals, 2019, 688, 29-35.	0.4	4
61	Low-viscosity UV-curable polyurethane acrylates containing dendritic acrylates for coating metal sheets. Journal of Coatings Technology Research, 2019, 16, 377-385.	1.2	13
62	Toughness enhancement of poly(lactic acid) through hybridisation with epoxide-functionalised silane via reactive extrusion. Polymer Degradation and Stability, 2019, 160, 195-202.	2.7	11
63	Zwitterionic functionalised mesoporous silica nanoparticles for alendronate release. Microporous and Mesoporous Materials, 2019, 279, 117-127.	2.2	14
64	UV-curable organic-inorganic hybrid hard coatings for metal sheets. Journal of Coatings Technology Research, 2019, 16, 771-780.	1.2	2
65	Synthetic Routes and New Precursors for the Preparation of PMOs. Springer Series in Materials Science, 2019, , 87-100.	0.4	2
66	PMOs for Adsorption. Springer Series in Materials Science, 2019, , 219-266.	0.4	1
67	PMOs as Hosts for Drug and Biomolecules. Springer Series in Materials Science, 2019, , 189-218.	0.4	2
68	General Synthesis and Physico-chemical Properties of Mesoporous Materials. Springer Series in Materials Science, 2019, , 15-85.	0.4	4
69	Silsesquioxane-Based Hierarchical and Hybrid Materials. , 2019, , 95-120.		1
70	Fe ³⁺ -bis-ethylenediamine complex bridged periodic mesoporous organosilica for the efficient removal of arsenate and chromate. Pure and Applied Chemistry, 2018, 90, 869-884.	0.9	8
71	Enhanced interaction in the polyimide/sepiolite hybrid films via acid activating and polydopamine coating of sepiolite. Polymers for Advanced Technologies, 2018, 29, 1404-1413.	1.6	9
72	Effects of crosslinking agents on the physical properties of polyimide/amino-functionalized graphene oxide hybrid films. Polymer International, 2018, 67, 588-597.	1.6	19

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73	Cover Image, Volume 67, Issue 1. <i>Polymer International</i> , 2018, 67, i-i.	1.6	0
74	Tunable Intracellular Degradable Periodic Mesoporous Organosilica Hybrid Nanoparticles for Doxorubicin Drug Delivery in Cancer Cells. <i>ACS Biomaterials Science and Engineering</i> , 2018, 4, 175-183.	2.6	36
75	Hollow Mesoporous Functional Hybrid Materials: Fascinating Platforms for Advanced Applications. <i>Advanced Functional Materials</i> , 2018, 28, 1703814.	7.8	57
76	Preparation and properties of poly(lactic acid)/lipophilized graphene oxide nanohybrids. <i>Polymer International</i> , 2018, 67, 91-99.	1.6	9
77	Polymer Based Hybrid Nanocomposites; A Progress Toward Enhancing Interfacial Interaction and Tailoring Advanced Applications. <i>Chemical Record</i> , 2018, 18, 759-775.	2.9	16
78	Functional stimuli-responsive polymeric network nanogels as cargo systems for targeted drug delivery and gene delivery in cancer cells. , 2018, , 243-275.		5
79	Superior one-pot synthesis of a doped graphene oxide electrode for a high power density supercapacitor. <i>New Journal of Chemistry</i> , 2018, 42, 11093-11101.	1.4	34
80	Cover Image, Volume 67, Issue 5. <i>Polymer International</i> , 2018, 67, i.	1.6	0
81	Synthesis and functionalisation of mesoporous materials for transparent coatings and organic dye adsorption. <i>New Journal of Chemistry</i> , 2018, 42, 10254-10262.	1.4	11
82	Synthesis and properties of UV-curable polyurethane acrylates based on different polyols for coating of metal sheets. <i>Molecular Crystals and Liquid Crystals</i> , 2018, 660, 104-109.	0.4	8
83	Preliminary studies of polyurethane adhesive for thermoplastic polyolefins(TPOs) using polyolefin polyol. <i>Molecular Crystals and Liquid Crystals</i> , 2018, 660, 115-120.	0.4	2
84	Snap-top nanocontainer for selective recovery of nickel ions from seawater. <i>Microporous and Mesoporous Materials</i> , 2017, 238, 27-35.	2.2	6
85	Mesoporous silica nanoparticles functionalized with a redox-responsive biopolymer. <i>Journal of Porous Materials</i> , 2017, 24, 1215-1225.	1.3	17
86	In-situ addition of graphene oxide for improving the thermal stability of superhydrophobic hybrid materials. <i>Polymer</i> , 2017, 116, 412-422.	1.8	11
87	Superhydrophobic polysilsesquioxane/polystyrene microspheres with controllable morphology: from raspberry-like to flower-like structure. <i>RSC Advances</i> , 2017, 7, 6685-6690.	1.7	17
88	Amino modified core-shell mesoporous silica based layered double hydroxide (MS-LDH) for drug delivery. <i>Journal of Industrial and Engineering Chemistry</i> , 2017, 53, 392-403.	2.9	34
89	Layer-by-layer assembly of graphene on polyimide films via thermal imidization and synchronous reduction of graphene oxide. <i>Macromolecular Research</i> , 2017, 25, 496-499.	1.0	8
90	Thermally stable superhydrophobic polymethylhydrosiloxane nanohybrids with liquid marble-like structure. <i>Macromolecular Research</i> , 2017, 25, 387-390.	1.0	4

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91	One-pot synthesis of multi-functional magnetite@polysilsesquioxane hybrid nanoparticles for the selective Fe ³⁺ and some heavy metal ions adsorption. RSC Advances, 2017, 7, 19106-19116.	1.7	21
92	Polyimide/amine-functionalized cellulose nanocrystal nanocomposite films. Materials Today Communications, 2017, 13, 275-281.	0.9	16
93	Dependence of SBA-15 formation on the block copolymer concentration in the course of synthesis with precursor containing ethylene glycol residues. Colloid Journal, 2017, 79, 378-385.	0.5	2
94	Melamine-Sulfonic Acid Functionalized SBA-15 for Selective Adsorption of Metal Ions from Artificial Seawater and Wastewater. Journal of Nanoscience and Nanotechnology, 2017, 17, 7565-7574.	0.9	4
95	Effect of acrylic block copolymer on the fracture toughness and glass transition temperature of carbon fabric reinforced 180°C cure-epoxy composites. Molecular Crystals and Liquid Crystals, 2017, 659, 15-22.	0.4	0
96	Synthesis and Characterization of New Polynorbornenes with Imide Side Chain. Journal of Nanoscience and Nanotechnology, 2017, 17, 5646-5651.	0.9	0
97	Stimuli Responsive Poly(Vinyl Caprolactam) Gels for Biomedical Applications. Gels, 2016, 2, 6.	2.1	70
98	Effects of alicyclic moiety incorporation on the properties of polyimide/silica hybrid films. Polymers for Advanced Technologies, 2016, 27, 1345-1350.	1.6	9
99	Effects of graphene oxide on the formation, structure and properties of bionanocomposite films made from wheat gluten with chitosan. Polymer International, 2016, 65, 1039-1045.	1.6	11
100	In situ prepared polypyrrole@Ag nanocomposites: optical properties and morphology. Journal of Materials Science, 2016, 51, 7536-7544.	1.7	15
101	Polyimide/hollow silica sphere hybrid films with low dielectric constant. Composite Interfaces, 2016, 23, 831-846.	1.3	11
102	Rhodamine 6G assisted adsorption of metanil yellow over succinamic acid functionalized MCM-41. Dyes and Pigments, 2016, 131, 177-185.	2.0	31
103	Toughening poly(lactic acid) (PLA) through <i>in situ</i> reactive blending with liquid polybutadiene rubber (LPB). Composite Interfaces, 2016, 23, 807-818.	1.3	12
104	Biodegradability of poly(lactic acid) (PLA)/lactic acid (LA) blends using anaerobic digester sludge. Macromolecular Research, 2016, 24, 741-747.	1.0	30
105	MicroRNA-378 limits activation of hepatic stellate cells and liver fibrosis by suppressing Gli3 expression. Nature Communications, 2016, 7, 10993.	5.8	200
106	Diffusion mediated selective adsorption of Zn ²⁺ from artificial seawater by MCM-41. Microporous and Mesoporous Materials, 2016, 229, 124-133.	2.2	26
107	Synthesis of 1-acryloyl-3-phenyl thiourea based pH sensitive hydrogels for removal of samarium and terbium. Macromolecular Research, 2016, 24, 494-501.	1.0	13
108	Bionanocomposite from self-assembled building blocks of nacre-like crystalline polymorph of chitosan with clay nanoplatelets. RSC Advances, 2016, 6, 33501-33509.	1.7	12

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109	Design of core-shell magnetic mesoporous silica hybrids for pH and UV light stimuli-responsive cargo release. <i>RSC Advances</i> , 2016, 6, 29106-29115.	1.7	24
110	Periodic mesoporous organosilica (PMO) containing bridged succinamic acid groups as a nanocarrier for sulfamerazine, sulfadiazine and famotidine: Adsorption and release study. <i>Microporous and Mesoporous Materials</i> , 2016, 225, 174-184.	2.2	20
111	Concentration-dependant selective removal of Cr(III), Pb(II) and Zn(II) from aqueous mixtures using 5-methyl-2-thiophenecarboxaldehyde Schiff base-immobilised SBA-15. <i>Journal of Sol-Gel Science and Technology</i> , 2016, 79, 426-439.	1.1	26
112	Sulphonic acid functionalized periodic mesoporous organosilica with the bridged bissilylated urea groups for high selective adsorption of cobalt ion from artificial seawater. <i>Microporous and Mesoporous Materials</i> , 2016, 226, 179-190.	2.2	33
113	Highly efficient and selective adsorption of In ³⁺ on pristine Zn/Al layered double hydroxide (Zn/Al-LDH) from aqueous solutions. <i>Journal of Solid State Chemistry</i> , 2016, 233, 133-142.	1.4	50
114	Broadband All-Polymer Phototransistors with Nanostructured Bulk Heterojunction Layers of NIR-Sensing n-Type and Visible Light-Sensing p-Type Polymers. <i>Scientific Reports</i> , 2015, 5, 16457.	1.6	45
115	Superhydrophobic Hybrid Micro-Nanocomposites with Various Applications. <i>Macromolecular Symposia</i> , 2015, 358, 202-211.	0.4	4
116	Fluorescent/luminescent detection of natural amino acids by organometallic systems. <i>Coordination Chemistry Reviews</i> , 2015, 303, 139-184.	9.5	120
117	A pH-responsive drug delivery system based on ethylenediamine bridged periodic mesoporous organosilica. <i>Microporous and Mesoporous Materials</i> , 2015, 215, 67-75.	2.2	23
118	Synthesis and characterization of highly transparent and hydrophobic fluorinated polyimides derived from perfluorodecylthio substituted diamine monomers. <i>Journal of Polymer Science Part A</i> , 2015, 53, 479-488.	2.5	55
119	Camellia japonica-polysiloxane based superhydrophobic hybrid powder for the selective adsorption of metal ions from a mixture of metal ions in artificial sea water. <i>Journal of Porous Materials</i> , 2015, 22, 229-238.	1.3	7
120	Superhydrophobic mesoporous material as a pH-sensitive organic dye adsorbent. <i>Journal of Industrial and Engineering Chemistry</i> , 2015, 22, 288-295.	2.9	21
121	Transparent Aromatic Polyimides Derived from Thiophenyl-Substituted Benzidines with High Refractive Index and Small Birefringence. <i>Macromolecules</i> , 2015, 48, 3462-3474.	2.2	70
122	Adsorption of Cr(III) ions using 2-(ureylenemethyl)pyridine functionalized MCM-41. <i>Journal of Porous Materials</i> , 2015, 22, 831-842.	1.3	10
123	Pentane-1,2-dicarboxylic acid functionalized spherical MCM-41: A simple and highly selective heterogeneous ligand for the adsorption of Fe ³⁺ from aqueous solutions. <i>Journal of Environmental Chemical Engineering</i> , 2015, 3, 1918-1927.	3.3	19
124	Chitosan bionanocomposites prepared in the self-organized regime. <i>Pure and Applied Chemistry</i> , 2015, 87, 793-803.	0.9	12
125	Curcumin encapsulated pH sensitive gelatin based interpenetrating polymeric network nanogels for anti cancer drug delivery. <i>International Journal of Pharmaceutics</i> , 2015, 478, 788-795.	2.6	103
126	Emerging trends in superhydrophobic surface based magnetic materials: fabrications and their potential applications. <i>Journal of Materials Chemistry A</i> , 2015, 3, 3224-3251.	5.2	90

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127	Preparation and characterization of polynorbornene/sepiolite hybrid nanocomposite films. <i>Polymer International</i> , 2015, 64, 96-104.	1.6	4
128	Chitosan-poly(aminopropyl/phenylsilsesquioxane) hybrid nanocomposite membranes for antibacterial and drug delivery applications. <i>Polymer International</i> , 2015, 64, 293-302.	1.6	22
129	Highly Selective Adsorption of Li ⁺ and Na ⁺ Ions from Wastewater by Sulfonic Acid Modified 2,6-(diethylene)pyridine Bridged Periodic Mesoporous Organosilica. <i>Advanced Porous Materials</i> , 2015, 3, 46-56.	0.3	4
130	Thermal and mechanical properties of poly(lactic acid) modified by poly(ethylene glycol) acrylate through reactive blending. <i>Polymer Bulletin</i> , 2014, 71, 3305-3321.	1.7	28
131	Preparation of superhydrophobic and transparent micro-nano hybrid coatings from polymethylhydroxysiloxane and silica ormosil aerogels. <i>Nano Convergence</i> , 2014, 1, .	6.3	15
132	Properties of poly(ethylene glycol)-grafted poly(lactic acid) plasticized with poly(ethylene glycol). <i>Macromolecular Research</i> , 2014, 22, 1312-1319.	1.0	25
133	Recent Advances in Superhydrophobic Nanomaterials and Nanoscale Systems. <i>Journal of Nanoscience and Nanotechnology</i> , 2014, 14, 1441-1462.	0.9	43
134	Functionalized Mesoporous Silicas with Crown Ether Moieties for Selective Adsorption of Lithium Ions in Artificial Sea Water. <i>Journal of Nanoscience and Nanotechnology</i> , 2014, 14, 8845-8851.	0.9	14
135	Mechanical properties and degradation studies of poly(D,L-lactide-co-glycolide) 50:50/graphene oxide nanocomposite films. <i>Polymers for Advanced Technologies</i> , 2014, 25, 48-54.	1.6	30
136	Comparative Studies on Drug Delivery Behavior of Mesoporous Silicas. <i>Molecular Crystals and Liquid Crystals</i> , 2014, 600, 70-80.	0.4	3
137	Solvent-Induced Surface Structure of Poly(vinylidene fluoride)/Biodegradable Polyester Blend Films. <i>Molecular Crystals and Liquid Crystals</i> , 2014, 598, 23-27.	0.4	6
138	Fast, selective adsorption of Cu ²⁺ from aqueous mixed metal ions solution using 1,4,7-triazacyclononane modified SBA-15 silica adsorbent (SBA-TACN). <i>Journal of Solid State Chemistry</i> , 2014, 211, 191-199.	1.4	33
139	Fabrication and characterization of nano-structured ZnS thin films as the buffer layers in solar cells. <i>RSC Advances</i> , 2014, 4, 59764-59771.	1.7	44
140	Biodegradable sodium alginate-based semi-interpenetrating polymer network hydrogels for antibacterial application. <i>Journal of Biomedical Materials Research - Part A</i> , 2014, 102, 3196-3206.	2.1	40
141	Periodic mesoporous organosilica (PMO) for catalytic applications. <i>Korean Journal of Chemical Engineering</i> , 2014, 31, 1707-1719.	1.2	41
142	Superhydrophobic and self-cleaning natural leaf powder/poly(methylhydroxysiloxane) hybrid micro-nanocomposites. <i>Macromolecular Research</i> , 2014, 22, 843-852.	1.0	11
143	Synthesis of alginate based silver nanocomposite hydrogels for biomedical applications. <i>Macromolecular Research</i> , 2014, 22, 832-842.	1.0	57
144	Mesoporous organosilica hybrids with a tunable amphoteric framework for controlled drug delivery. <i>Journal of Materials Chemistry B</i> , 2014, 2, 6487-6499.	2.9	27

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145	Red fluorescent hybrid mesoporous organosilicas for simultaneous cell imaging and anticancer drug delivery. <i>RSC Advances</i> , 2014, 4, 43342-43345.	1.7	18
146	Hydrophobically modified spherical MCM-41 as nanovalve system for controlled drug delivery. <i>Microporous and Mesoporous Materials</i> , 2014, 200, 124-131.	2.2	54
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