

Wenbo Wang

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

121
papers

2,881
citations

31
h-index

44
g-index

122
ext. papers

3,478
ext. citations

5.3
avg, IF

5.8
L-index

#	Paper	IF	Citations
121	Double-network polyvinyl alcohol composite hydrogel with self-healing and low friction. <i>Journal of Applied Polymer Science</i> , 2022 , 139, 51563	2.9	4
120	Core-shell alginate beads as green reactor to synthesize grafted composite beads to efficiently boost single/co-adsorption of dyes and Pb(II).. <i>International Journal of Biological Macromolecules</i> , 2022 ,	7.9	4
119	Inhibition of cold-welding and adhesive wear occurring on surface of the 6061 aluminum alloy by graphene oxide/polyethylene glycol composite water-based lubricant. <i>Surface and Interface Analysis</i> , 2022 , 54, 218-230	1.5	0
118	Circular conversion of waste rectorite@dye to efficient and pH-resistant heterogeneous silicate adsorbents for cyclic and complete dye removal. <i>Applied Clay Science</i> , 2022 , 225, 106556	5.2	1
117	Potential of oxalic acid leached natural palygorskite-rich clay as multidimensional nanofiller to improve polypropylene. <i>Powder Technology</i> , 2021 , 396, 456-456	5.2	2
116	Synergistic effect of palygorskite nanorods and ion crosslinking to enhance sodium alginate-based hydrogels. <i>European Polymer Journal</i> , 2021 , 147, 110306	5.2	3
115	Fast and Highly Efficient Adsorption Removal of Toxic Pb(II) by a Reusable Porous Semi-IPN Hydrogel Based on Alginate and Poly(Vinyl Alcohol). <i>Frontiers in Chemistry</i> , 2021 , 9, 662482	5	0
114	Mesoporous polymetallic silicate derived from naturally abundant mixed clay: A potential robust adsorbent for removal of cationic dye and antibiotic. <i>Powder Technology</i> , 2021 , 390, 303-314	5.2	7
113	Multifunctional palygorskite@ZnO nanorods enhance simultaneously mechanical strength and antibacterial properties of chitosan-based film. <i>International Journal of Biological Macromolecules</i> , 2021 , 189, 668-677	7.9	5
112	Superior dyes removal by a recyclable magnetic silicate@Fe ₃ O ₄ adsorbent synthesized from abundant natural mixed clay. <i>Chemical Engineering Research and Design</i> , 2021 , 175, 272-282	5.5	3
111	Trimetallic synergy in dendritic intermetallic PtSnBi nanoalloys for promoting electrocatalytic alcohol oxidation. <i>Journal of Colloid and Interface Science</i> , 2021 , 602, 504-512	9.3	3
110	Slow-release lubrication of artificial joints using self-healing polyvinyl alcohol/polyethylene glycol/graphene oxide hydrogel. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2021 , 124, 104807	4.1	5
109	Solid-phase oxalic acid leaching of natural red palygorskite-rich clay: A solvent-free way to change color and properties. <i>Applied Clay Science</i> , 2020 , 198, 105848	5.2	8
108	Incorporation of quaternary ammonium chitoooligosaccharides on ZnO/palygorskite nanocomposites for enhancing antibacterial activities. <i>Carbohydrate Polymers</i> , 2020 , 247, 116685	10.3	22
107	Magnetic nano-hybrids adsorbents formulated from acidic leachates of clay minerals. <i>Journal of Cleaner Production</i> , 2020 , 256, 120383	10.3	13
106	Synthesis of iron red hybrid pigments from oil shale semi-coke waste. <i>Advanced Powder Technology</i> , 2020 , 31, 2276-2284	4.6	14
105	Evaluation of palygorskite on pellet quality, growth, antioxidant status and mineral contents of Chinese mitten crabs (<i>Eriocheir sinensis</i>). <i>Aquaculture Research</i> , 2020 , 51, 1446-1454	1.9	0

104	Significantly improve the water and chemicals resistance of alginate-based nanocomposite films by a simple in-situ surface coating approach. <i>International Journal of Biological Macromolecules</i> , 2020 , 156, 1297-1307	7.9	6
103	Dual-functional AgPO@palygorskite composite for efficient photodegradation of alkane by in situ forming Pickering emulsion photocatalytic system. <i>Science of the Total Environment</i> , 2020 , 704, 135356	10.2	17
102	An upgraded and universal strategy to reinforce chitosan/polyvinylpyrrolidone film by incorporating active silica nanorods derived from natural palygorskite. <i>International Journal of Biological Macromolecules</i> , 2020 , 165, 1276-1285	7.9	7
101	Preparation of porous adsorbent via Pickering emulsion template for water treatment: A review. <i>Journal of Environmental Sciences</i> , 2020 , 88, 217-236	6.4	41
100	A sustainable approach to fabricate new 1D and 2D nanomaterials from natural abundant palygorskite clay for antibacterial and adsorption. <i>Chemical Engineering Journal</i> , 2020 , 382, 122984	14.7	52
99	Palygorskite Nanomaterials: Structure, Properties, and Functional Applications 2019 , 21-133		4
98	Vermiculite Nanomaterials: Structure, Properties, and Potential Applications 2019 , 415-484		5
97	Mesoporous silicate/carbon composites derived from dye-loaded palygorskite clay waste for efficient removal of organic contaminants. <i>Science of the Total Environment</i> , 2019 , 696, 133955	10.2	22
96	Highly efficient self-template synthesis of porous silica nanorods from natural palygorskite. <i>Powder Technology</i> , 2019 , 354, 1-10	5.2	30
95	The protective effects of modified palygorskite on the broilers fed a purified zearalenone-contaminated diet. <i>Poultry Science</i> , 2019 , 98, 3802-3810	3.9	6
94	Palygorskite/silver nanoparticles incorporated polyamide thin film nanocomposite membranes with enhanced water permeating, antifouling and antimicrobial performance. <i>Chemosphere</i> , 2019 , 236, 124396	8.4	24
93	Effect of oxalic acid-leaching levels on structure, color and physico-chemical features of palygorskite. <i>Applied Clay Science</i> , 2019 , 183, 105301	5.2	18
92	Nanoscale Clay Minerals for Functional Ecomaterials: Fabrication, Applications, and Future Trends 2019 , 2409-2490		3
91	A new route to fabricate high-efficient porous silicate adsorbents by simultaneous inorganic-organic functionalization of low-grade palygorskite clay for removal of Congo red. <i>Microporous and Mesoporous Materials</i> , 2019 , 277, 267-276	5.3	33
90	Effect of removing coloring metal ions from the natural brick-red palygorskite on properties of alginate/palygorskite nanocomposite film. <i>International Journal of Biological Macromolecules</i> , 2019 , 122, 684-694	7.9	23
89	A comparative study of different natural palygorskite clays for fabricating cost-efficient and eco-friendly iron red composite pigments. <i>Applied Clay Science</i> , 2019 , 167, 50-59	5.2	30
88	Interconnected superporous adsorbent prepared via yeast-based Pickering HIPEs for high-efficiency adsorption of Rb ⁺ , Cs ⁺ and Sr ²⁺ . <i>Chemical Engineering Journal</i> , 2019 , 361, 1411-1422	14.7	35
87	Enhanced antifouling and antimicrobial thin film nanocomposite membranes with incorporation of Palygorskite/titanium dioxide hybrid material. <i>Journal of Colloid and Interface Science</i> , 2019 , 537, 1-10	9.3	40

86	Structure evolution of brick-red palygorskite induced by hydroxylammonium chloride. <i>Powder Technology</i> , 2018 , 327, 246-254	5.2	13
85	Solvothermal evolution of red palygorskite in dimethyl sulfoxide/water. <i>Applied Clay Science</i> , 2018 , 159, 16-24	5.2	24
84	Magnetic chitosan-based adsorbent prepared via Pickering high internal phase emulsion for high-efficient removal of antibiotics. <i>International Journal of Biological Macromolecules</i> , 2018 , 106, 870-879	3.7	37
83	Carbon/Attapulgitite Composites as Recycled Palm Oil-Decoloring and Dye Adsorbents. <i>Materials</i> , 2018 , 11,	3.5	17
82	Effects of different levels of modified palygorskite supplementation on the growth performance, immunity, oxidative status and intestinal integrity and barrier function of broilers. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2018 , 102, 1574-1584	2.6	6
81	Polyaniline-functionalized porous adsorbent for Sr ²⁺ adsorption. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2018 , 317, 907-917	1.5	5
80	An Evaluation of the Supplementation of Dietary-Modified Palygorskite on Growth Performance, Zearalenone Residue, Serum Metabolites, and Antioxidant Capacities in Broilers Fed a Zearalenone-Contaminated Diet. <i>Clays and Clay Minerals</i> , 2018 , 66, 474-484	2.1	1
79	Magnetic Halloysite/Fe ₃ O ₄ /AuNPs Nanocomposite as a Recyclable Efficient Catalyst for Hydrogenation of Congo Red and 4-Nitrophenol. <i>Current Environmental Engineering</i> , 2018 , 5, 144-154	1.6	2
78	Nanoscale Clay Minerals for Functional Ecomaterials: Fabrication, Applications, and Future Trends 2018 , 1-82		6
77	Optimal Synthesis of Environment-Friendly Iron Red Pigment from Natural Nanostructured Clay Minerals. <i>Nanomaterials</i> , 2018 , 8,	5.4	17
76	MgO/palygorskite adsorbent derived from natural Mg-rich brine and palygorskite for high-efficient removal of Cd(II) and Zn(II) ions. <i>Journal of Environmental Chemical Engineering</i> , 2017 , 5, 1027-1036	6.8	27
75	Novel environment friendly inorganic red pigments based on attapulgitite. <i>Powder Technology</i> , 2017 , 315, 60-67	5.2	45
74	Evaluation of Ce(III) and Gd(III) adsorption from aqueous solution using CTS- g -(AA- co -SS)/ISC hybrid hydrogel adsorbent. <i>Journal of Rare Earths</i> , 2017 , 35, 697-708	3.7	22
73	Fast and high-capacity adsorption of Rb ⁺ and Cs ⁺ onto recyclable magnetic porous spheres. <i>Chemical Engineering Journal</i> , 2017 , 327, 982-991	14.7	44
72	Cost-efficient, vivid and stable red hybrid pigments derived from naturally available sepiolite and halloysite. <i>Ceramics International</i> , 2017 , 43, 1862-1869	5.1	26
71	From illite/smectite clay to mesoporous silicate adsorbent for efficient removal of chlortetracycline from water. <i>Journal of Environmental Sciences</i> , 2017 , 51, 31-43	6.4	26
70	Recent progress in dispersion of palygorskite crystal bundles for nanocomposites. <i>Applied Clay Science</i> , 2016 , 119, 18-30	5.2	102
69	Mesoporous hybrid Zn-silicate derived from red palygorskite clay as a high-efficient adsorbent for antibiotics. <i>Microporous and Mesoporous Materials</i> , 2016 , 234, 317-325	5.3	25

68	An evaluation of palygorskite inclusion on the growth performance and digestive function of broilers. <i>Applied Clay Science</i> , 2016 , 129, 1-6	5.2	17
67	Palygorskite in sodium sulphide solution via hydrothermal process for enhanced methylene blue adsorption. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2016 , 58, 417-423	5.3	26
66	Rapid enrichment of rare-earth metals by carboxymethyl cellulose-based open-cellular hydrogel adsorbent from HIPes template. <i>Carbohydrate Polymers</i> , 2016 , 140, 51-8	10.3	50
65	A functionalized hybrid silicate adsorbent derived from naturally abundant low-grade palygorskite clay for highly efficient removal of hazardous antibiotics. <i>Chemical Engineering Journal</i> , 2016 , 293, 376-385	14.7	55
64	Tailoring the properties of palygorskite by various organic acids via a one-pot hydrothermal process: A comparative study for removal of toxic dyes. <i>Applied Clay Science</i> , 2016 , 120, 28-39	5.2	28
63	Ammonium sulfide-assisted hydrothermal activation of palygorskite for enhanced adsorption of methyl violet. <i>Journal of Environmental Sciences</i> , 2016 , 41, 33-43	6.4	30
62	All-into-one strategy to synthesize mesoporous hybrid silicate microspheres from naturally rich red palygorskite clay as high-efficient adsorbents. <i>Scientific Reports</i> , 2016 , 6, 39599	4.9	28
61	Ag(I)-triggered one-pot synthesis of Ag nanoparticles onto natural nanorods as a multifunctional nanocomposite for efficient catalysis and adsorption. <i>Journal of Colloid and Interface Science</i> , 2016 , 473, 84-92	9.3	20
60	Fabrication of manganese dioxide/carbon/attapulgite composites derived from spent bleaching earth for adsorption of Pb(II) and Brilliant green. <i>RSC Advances</i> , 2016 , 6, 36534-36543	3.7	34
59	From spent dye-loaded palygorskite to a multifunctional palygorskite/carbon/Ag nanocomposite. <i>RSC Advances</i> , 2016 , 6, 41696-41706	3.7	10
58	Enhanced Adsorptive Removal of Methylene Blue from Aqueous Solution by Alkali-Activated Palygorskite. <i>Water, Air, and Soil Pollution</i> , 2015 , 226, 1	2.6	36
57	Ethanol/NaOH solidification method to intensify chitosan/poly(vinyl alcohol)/attapulgite composite film. <i>RSC Advances</i> , 2015 , 5, 17775-17781	3.7	21
56	From nanorods of palygorskite to nanosheets of smectite via a one-step hydrothermal process. <i>RSC Advances</i> , 2015 , 5, 58107-58115	3.7	24
55	Highly effective removal of Methylene Blue using functionalized attapulgite via hydrothermal process. <i>Journal of Environmental Sciences</i> , 2015 , 33, 106-15	6.4	46
54	A pH sensitive carboxymethyl cellulose-g-poly (acrylic acid)/polyvinylpyrrolidone/sodium alginate composite hydrogel bead for the controlled release of diclofenac. <i>Journal of Controlled Release</i> , 2015 , 213, e91-2	11.7	2
53	Glycine-assisted evolution of palygorskite via a one-step hydrothermal process to give an efficient adsorbent for capturing Pb(II) ions. <i>RSC Advances</i> , 2015 , 5, 96829-96839	3.7	9
52	Effect of grinding time on fabricating a stable methylene blue/palygorskite hybrid nanocomposite. <i>Powder Technology</i> , 2015 , 280, 173-179	5.2	29
51	A comparative study about adsorption of natural palygorskite for methylene blue. <i>Chemical Engineering Journal</i> , 2015 , 262, 390-398	14.7	110

50	Nanoscale dispersion crystal bundles of palygorskite by associated modification with phytic acid and high-pressure homogenization for enhanced colloidal properties. <i>Powder Technology</i> , 2015 , 269, 85-92	5.2	40
49	A simple hydrothermal approach to modify palygorskite for high-efficient adsorption of Methylene blue and Cu(II) ions. <i>Chemical Engineering Journal</i> , 2015 , 265, 228-238	14.7	133
48	Facile fabrication of carbon/attapulgite composite for bleaching of palm oil. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2015 , 50, 252-258	5.3	31
47	High-pressure homogenization associated hydrothermal process of palygorskite for enhanced adsorption of Methylene blue. <i>Applied Surface Science</i> , 2015 , 329, 306-314	6.7	24
46	In situ fabrication of Ag nanoparticles/attapulgite nanocomposites: green synthesis and catalytic application. <i>Journal of Nanoparticle Research</i> , 2014 , 16, 1	2.3	23
45	Effects of Sodium Salts Organic Acids Modification on the Microstructure and Dispersion Behavior of Palygorskite Nano-Powder via High-Pressure Homogenization Process. <i>Journal of Dispersion Science and Technology</i> , 2014 , 35, 840-847	1.5	10
44	Superparamagnetic sandwich structured silver/halloysite nanotube/Fe ₃ O ₄ nanocomposites for 4-nitrophenol reduction. <i>RSC Advances</i> , 2014 , 4, 39439-39445	3.7	27
43	Utilization of hollow kapok fiber for the fabrication of a pH-sensitive superabsorbent composite with improved gel strength and swelling properties. <i>RSC Advances</i> , 2014 , 4, 50478-50485	3.7	12
42	Study on thermal activated sepiolite for enhancing decoloration of crude palm oil. <i>Journal of Thermal Analysis and Calorimetry</i> , 2014 , 117, 1211-1219	4.1	16
41	Au nanoparticles decorated Kapok fiber by a facile noncovalent approach for efficient catalytic decoloration of Congo Red and hydrogen production. <i>Chemical Engineering Journal</i> , 2014 , 237, 336-343	14.7	26
40	One-step fabrication in aqueous solution of a granular alginate-based hydrogel for fast and efficient removal of heavy metal ions. <i>Journal of Polymer Research</i> , 2013 , 20, 1	2.7	68
39	Enhanced swelling and responsive properties of an alginate-based superabsorbent hydrogel by sodium p-styrenesulfonate and attapulgite nanorods. <i>Polymer Bulletin</i> , 2013 , 70, 1181-1193	2.4	23
38	Effect of Solvents Treatment on Microstructure and Dispersion Properties of Palygorskite. <i>Journal of Dispersion Science and Technology</i> , 2013 , 34, 334-341	1.5	5
37	Superior dispersion properties of palygorskite in dimethyl sulfoxide via high-pressure homogenization process. <i>Applied Clay Science</i> , 2013 , 86, 174-178	5.2	19
36	A nanoporous hydrogel based on vinyl-functionalized alginate for efficient absorption and removal of Pb ²⁺ ions. <i>International Journal of Biological Macromolecules</i> , 2013 , 62, 225-31	7.9	34
35	A superabsorbent nanocomposite based on sodium alginate and illite/smectite mixed-layer clay. <i>Journal of Applied Polymer Science</i> , 2013 , 130, 161-167	2.9	30
34	Facile self-assembly of Au nanoparticles on a magnetic attapulgite/Fe ₃ O ₄ composite for fast catalytic decoloration of dye. <i>RSC Advances</i> , 2013 , 3, 11515	3.7	39
33	Influence of Anions on the Electrokinetic and Colloidal Properties of Palygorskite Clay via High-Pressure Homogenization. <i>Journal of Chemical & Engineering Data</i> , 2013 , 58, 764-772	2.8	11

32	Preparation, Characterization, and Drug-Release Behaviors of a pH-Sensitive Composite Hydrogel Bead Based on Guar Gum, Attapulgite, and Sodium Alginate. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2013 , 62, 369-376	3	46
31	Ethanol-assisted dispersion of attapulgite and its effect on improving properties of alginate-based superabsorbent nanocomposite. <i>Journal of Applied Polymer Science</i> , 2013 , 129, 1080-1088	2.9	11
30	Effect of dry grinding on the microstructure of palygorskite and adsorption efficiency for methylene blue. <i>Powder Technology</i> , 2012 , 225, 124-129	5.2	80
29	Mechanical and water resistance properties of chitosan/poly(vinyl alcohol) films reinforced with attapulgite dispersed by high-pressure homogenization. <i>Chemical Engineering Journal</i> , 2012 , 210, 166-172	14.7	64
28	pH-Responsive Nanocomposites From Methylcellulose and Attapulgite Nanorods: Synthesis, Swelling and Absorption Performance on Heavy Metal Ions. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2012 , 49, 306-315	2.2	5
27	A chitosan/poly(vinyl alcohol) nanocomposite film reinforced with natural halloysite nanotubes. <i>Polymer Composites</i> , 2012 , 33, 1693-1699	3	33
26	Preparation and Swelling Behavior of a pH-Responsive Psyllium-g-Poly(acrylic acid)/Attapulgite Superabsorbent Nanocomposite. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2012 , 61, 906-918	3	13
25	A pH-Sensitive Biopolymer-Based Superabsorbent Nanocomposite from Sodium Alginate and Attapulgite: Synthesis, Characterization, and Swelling Behaviors. <i>Journal of Dispersion Science and Technology</i> , 2012 , 33, 1154-1162	1.5	13
24	Enhanced swelling properties of a novel sodium alginate-based superabsorbent composites: NaAlg-g-poly(NaA-co-St)/APT. <i>Journal of Applied Polymer Science</i> , 2012 , 125, 1822-1832	2.9	26
23	Efficient Adsorption and Recovery of Pb(II) from Aqueous Solution by a Granular pH-Sensitive Chitosan-based Semi-IPN Hydrogel. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2012 , 49, 971-979	2.2	20
22	Effect of attapulgite contents on release behaviors of a pH sensitive carboxymethyl cellulose-g-poly(acrylic acid)/attapulgite/sodium alginate composite hydrogel bead containing diclofenac. <i>Journal of Applied Polymer Science</i> , 2011 , 124, n/a-n/a	2.9	3
21	Effects of modified vermiculite on the synthesis and swelling behaviors of hydroxyethyl cellulose-g-poly(acrylic acid)/vermiculite superabsorbent nanocomposites. <i>Journal of Polymer Research</i> , 2011 , 18, 401-408	2.7	21
20	Synthesis and enhanced swelling properties of a guar gum-based superabsorbent composite by the simultaneous introduction of styrene and attapulgite. <i>Journal of Polymer Research</i> , 2011 , 18, 1705-1713	2.7	22
19	pH-responsive carboxymethylcellulose-g-poly(sodium acrylate)/polyvinylpyrrolidone semi-IPN hydrogels with enhanced responsive and swelling properties. <i>Macromolecular Research</i> , 2011 , 19, 57-65	1.9	63
18	A pH-sensitive composite hydrogel based on sodium alginate and medical stone: Synthesis, swelling, and heavy metal ions adsorption properties. <i>Macromolecular Research</i> , 2011 , 19, 739-748	1.9	37
17	Synthesis, characterization, and swelling behaviors of chitosan-g-poly(acrylic acid)/poly(vinyl alcohol) semi-IPN superabsorbent hydrogels. <i>Polymers for Advanced Technologies</i> , 2011 , 22, 627-634	3.2	42
16	Preparation, swelling, and stimuli-responsive characteristics of superabsorbent nanocomposites based on carboxymethyl cellulose and rectorite. <i>Polymers for Advanced Technologies</i> , 2011 , 22, 1602-1611	3.2	25
15	Synthesis and swelling characteristics of a pH-responsive guar gum-g-poly(sodium acrylate)/medicinal stone superabsorbent composite. <i>Polymer Composites</i> , 2011 , 32, 210-218	3	13

14	Preparation and swelling characteristics of a superabsorbent nanocomposite based on natural guar gum and cation-modified vermiculite. <i>Journal of Applied Polymer Science</i> , 2011 , 119, 3675-3686	2.9	17
13	Adsorption Behavior of Methylene Blue from Aqueous Solution by the Hydrogel Composites Based on Attapulгите. <i>Separation Science and Technology</i> , 2011 , 46, 858-868	2.5	23
12	Synthesis, characterization and swelling behaviors of guar gum-g-poly(sodium acrylate-co-styrene)/vermiculite superabsorbent composites. <i>Journal of Composite Materials</i> , 2011 , 45, 2189-2198	2.7	22
11	Swelling Behavior of Guar Gum-g-Poly(Sodium Acrylate -co-Styrene)/Attapulгите Superabsorbent Composites. <i>Journal of Macromolecular Science - Physics</i> , 2011 , 50, 1847-1863	1.4	7
10	Synthesis, characterization and swelling properties of guar gum--poly(sodium acrylate--styrene)/muscovite superabsorbent composites. <i>Science and Technology of Advanced Materials</i> , 2010 , 11, 025006	7.1	24
9	Removal of Congo Red from Aqueous Solution by Sorption on Organified Rectorite. <i>Clean - Soil, Air, Water</i> , 2010 , 38, n/a-n/a	1.6	2
8	Utilization of plant ash for the fabrication of novel superabsorbent composites with potassium-release characteristics. <i>Journal of Applied Polymer Science</i> , 2010 , 115, 1814-1822	2.9	3
7	Synthesis, characterization and swelling behaviors of hydroxyethyl cellulose-g-poly(acrylic acid)/attapulгите superabsorbent composite. <i>Polymer Engineering and Science</i> , 2010 , 50, 1019-1027	2.3	40
6	Synthesis, swelling behaviors, and slow-release characteristics of a guar gum-g-poly(sodium acrylate)/sodium humate superabsorbent. <i>Journal of Applied Polymer Science</i> , 2009 , 112, 2102-2111	2.9	45
5	Preparation and swelling properties of semi-IPN hydrogels based on chitosan-g-poly(acrylic acid) and phosphorylated polyvinyl alcohol. <i>Journal of Applied Polymer Science</i> , 2009 , 114, 643-652	2.9	19
4	Superabsorbent Materials 2009 , 1		8
3	Syntheses and properties of superabsorbent composites based on natural guar gum and attapulгите. <i>Polymers for Advanced Technologies</i> , 2008 , 19, 1852-1859	3.2	51
2	Surface adhesion engineering for robust organic semiconductor devices. <i>Journal of Materials Chemistry C</i> ,	7.1	0
1	Structural evolution of palygorskite for reinforcing the performance of polypropylene. <i>Composite Interfaces</i> , 1-19	2.3	0