

Kongyin Zhao

List of Publications by Year in descending order

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Version: 2024-02-01

43
papers

1,260
citations

361413

20
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361022

35
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all docs

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docs citations

43
times ranked

1322
citing authors

#	ARTICLE	IF	CITATIONS
1	Oxalic acid cross-linked sodium alginate and carboxymethyl chitosan hydrogel membrane for separation of dye/NaCl at high NaCl concentration. <i>Chinese Chemical Letters</i> , 2022, 33, 1951-1955.	9.0	23
2	Ultra-stable dextran conjugated prodrug micelles for oxidative stress and glycometabolic abnormality combination treatment of Alzheimer's disease. <i>International Journal of Biological Macromolecules</i> , 2022, 203, 430-444.	7.5	5
3	Anti-fouling and anti-bacterial graphene oxide/calcium alginate hybrid hydrogel membrane for efficient dye/salt separation. <i>Desalination</i> , 2022, 538, 115908.	8.2	28
4	Simple fabrication of Cu ²⁺ doped calcium alginate hydrogel filtration membrane with excellent anti-fouling and antibacterial properties. <i>Chinese Chemical Letters</i> , 2021, 32, 1051-1054.	9.0	49
5	Polypropylene non-woven supported calcium alginate hydrogel filtration membrane for efficient separation of dye/salt at low salt concentration. <i>Desalination</i> , 2021, 500, 114845.	8.2	35
6	Calcium alginate and barium alginate hydrogel filtration membrane coated on fibers for molecule/ion separation. <i>Separation and Purification Technology</i> , 2021, 270, 118761.	7.9	23
7	Kaolin/CaAlg Hydrogel Thin Membrane with Controlled Thickness, High Mechanical Strength, and Good Repetitive Adsorption Performance for Dyes. <i>Industrial & Engineering Chemistry Research</i> , 2020, 59, 4958-4967.	3.7	25
8	Biologically inspired silk fibroin grafted polyacrylonitrile filtration membrane prepared in ZnCl ₂ aqueous solution. <i>Chinese Chemical Letters</i> , 2019, 30, 239-242.	9.0	21
9	Plant-mediated biosynthesis of iron nanoparticles-calcium alginate hydrogel membrane and its eminent performance in removal of Cr(VI). <i>Chemical Engineering Journal</i> , 2019, 378, 122120.	12.7	46
10	Adsorption and Electrochemical Detection of Bovine Serum Albumin Imprinted Calcium Alginate Hydrogel Membrane. <i>Polymers</i> , 2019, 11, 622.	4.5	30
11	Removal of Dyes and Cd ²⁺ in Water by Kaolin/Calcium Alginate Filtration Membrane. <i>Coatings</i> , 2019, 9, 218.	2.6	13
12	Enrichment of Cd ²⁺ from water with a calcium alginate hydrogel filtration membrane. <i>Science China Technological Sciences</i> , 2018, 61, 438-445.	4.0	13
13	Targeted delivery and thermo/pH-controlled release of doxorubicin by novel nanocapsules. <i>Journal of Materials Science</i> , 2018, 53, 2326-2336.	3.7	17
14	Preparation of Protein Molecular-Imprinted Polysiloxane Membrane Using Calcium Alginate Film as Matrix and Its Application for Cell Culture. <i>Polymers</i> , 2018, 10, 170.	4.5	16
15	Efficient removal of Cd ²⁺ ion from water by calcium alginate hydrogel filtration membrane. <i>Water Science and Technology</i> , 2017, 75, 2322-2330.	2.5	5
16	Bisphenol A Adsorption Properties of Mesoporous CaSiO ₃ @SiO ₂ Grafted Nonwoven Polypropylene Fiber. <i>Industrial & Engineering Chemistry Research</i> , 2017, 56, 2549-2556.	3.7	8
17	Preparation and rebinding properties of protein-imprinted polysiloxane using mesoporous calcium silicate grafted non-woven polypropylene as matrix. <i>Journal of Molecular Recognition</i> , 2016, 29, 115-122.	2.1	10
18	Adsorption of dibutyl phthalate in aqueous solution by mesoporous calcium silicate grafted non-woven polypropylene. <i>Chemical Engineering Journal</i> , 2016, 306, 452-459.	12.7	40

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19	Preparation and evaluation of PCL-PEG-PCL polymeric nanoparticles for doxorubicin delivery against breast cancer. <i>RSC Advances</i> , 2016, 6, 54727-54737.	3.6	34
20	Preparation, characterization, and photocatalytic degradation properties of polyacrylamide/calcium alginate/TiO ₂ composite film. <i>Polymer Composites</i> , 2016, 37, 1292-1301.	4.6	19
21	Chain stiffness regulates entropy-templated perfect mixing at single-nanoparticle level. <i>Nanoscale</i> , 2016, 8, 1024-1032.	5.6	23
22	Preparation and dye filtration property of electrospun polyhydroxybutyrate-calcium alginate/carbon nanotubes composite nanofibrous filtration membrane. <i>Separation and Purification Technology</i> , 2016, 161, 69-79.	7.9	128
23	Preparation and characterization of protein molecular imprinted calcium alginate hydrogel film with controllable thickness. <i>Zhongguo Kexue Jishu Kexue/Scientia Sinica Technologica</i> , 2016, 46, 931-939.	0.5	1
24	Preparation of tricalcium phosphate-calcium alginate composite flat sheet membranes and their application for protein release. <i>Polymer Composites</i> , 2015, 36, 1899-1906.	4.6	6
25	Adsorption and recognition of protein molecular imprinted calcium alginate/polyacrylamide hydrogel film with good regeneration performance and high toughness. <i>Reactive and Functional Polymers</i> , 2015, 87, 7-14.	4.1	41
26	A free-standing calcium alginate/polyacrylamide hydrogel nanofiltration membrane with high anti-fouling performance: Preparation and characterization. <i>Desalination</i> , 2015, 365, 234-241.	8.2	103
27	Calcium alginate hydrogel filtration membrane with excellent anti-fouling property and controlled separation performance. <i>Journal of Membrane Science</i> , 2015, 492, 536-546.	8.2	117
28	Adsorption and photocatalytic degradation of dyes on polyacrylamide/calcium alginate/TiO ₂ composite film. <i>Functional Materials Letters</i> , 2015, 08, 1540014.	1.2	11
29	Adsorption and sustained release of haemoglobin imprinted polysiloxane using a calcium alginate film as a matrix. <i>RSC Advances</i> , 2015, 5, 26977-26984.	3.6	4
30	Imprinting of bovine serum albumin in a nonwoven polypropylene membrane supported polyacrylamide/calcium alginate interpenetrating polymer network hydrogel. <i>RSC Advances</i> , 2014, 4, 55846-55852.	3.6	11
31	Stability of acrylic acid grafted poly(vinylidene fluoride) hollow fiber membrane prepared by high-energy electron beam. <i>Journal of Applied Polymer Science</i> , 2014, 131, .	2.6	2
32	Preparation and adsorption of bovine serum albumin-imprinted polyacrylamide hydrogel membrane grafted on non-woven polypropylene. <i>Talanta</i> , 2014, 121, 256-262.	5.5	68
33	Adsorption and photocatalytic degradation of methyl orange imprinted composite membranes using TiO ₂ /calcium alginate hydrogel as matrix. <i>Catalysis Today</i> , 2014, 236, 127-134.	4.4	81
34	Preparation and characterization of protein molecularly imprinted polysiloxane using mesoporous calcium silicate as matrix by sol-gel technology. <i>Journal of Sol-Gel Science and Technology</i> , 2014, 71, 428-436.	2.4	20
35	Preparation, characterization and photocatalytic degradation properties of a TiO ₂ /calcium alginate composite film and the recovery of TiO ₂ nanoparticles. <i>RSC Advances</i> , 2014, 4, 51321-51329.	3.6	48
36	Adsorption properties of dye imprinted polysiloxane composite microspheres using strong basic anion-exchange resin as matrix. <i>Desalination and Water Treatment</i> , 2013, 51, 7604-7611.	1.0	2

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37	Preparation and characterization of protein imprinted agarose microspheres. <i>Polymer Bulletin</i> , 2010, 65, 245-263.	3.3	11
38	The Rebinding Properties of Bovine Serum Albumin Imprinted Calcium Alginate/Phosphate Hybrid Microspheres Via the Adjustment of pH Values and Salt Concentration. <i>Macromolecular Symposia</i> , 2010, 297, 126-137.	0.7	7
39	Preparation of bovine serum albumin-imprinted calcium polyacrylate/alginate hybrid microspheres via Ca ²⁺ crosslinking. <i>Journal of Applied Polymer Science</i> , 2009, 113, 1133-1140.	2.6	20
40	Rebinding and recognition properties of protein-macromolecularly imprinted calcium phosphate/alginate hybrid polymer microspheres. <i>Reactive and Functional Polymers</i> , 2008, 68, 732-741.	4.1	65
41	Macromolecularly imprinted calcium phosphate/alginate hybrid polymer microspheres with the surface imprinting of bovine serum albumin in inverse-phase suspension. <i>Journal of Applied Polymer Science</i> , 2008, 109, 2687-2693.	2.6	19
42	Molecularly-Imprinted Calcium Phosphate/Calcium Alginate Composite Microspheres by Surface Imprinting via Silane Crosslinking. <i>Adsorption Science and Technology</i> , 2008, 26, 631-641.	3.2	7
43	Preparation of hydroxyapatite/Ca-alginate composite microspheres via inverse suspension crosslinked method. <i>Journal of Applied Polymer Science</i> , 2007, 104, 2034-2038.	2.6	5