

Emel Tamahkar

List of Publications by Year in descending order

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25
papers

708
citations

566801
15
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610482
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26
all docs

26
docs citations

26
times ranked

750
citing authors

#	ARTICLE	IF	CITATIONS
1	Toward a Universal Method for Preparing Molecularly Imprinted Polymer Nanoparticles with Antibody-like Affinity for Proteins. <i>Biomacromolecules</i> , 2016, 17, 345-353.	2.6	90
2	2-Isopropenyl-2-oxazoline: A Versatile Monomer for Functionalization of Polymers Obtained via RAFT. <i>Macromolecules</i> , 2012, 45, 20-27.	2.2	61
3	Molecularly imprinted supermacroporous cryogels for cytochrome c recognition. <i>Journal of Separation Science</i> , 2011, 34, 3433-3440.	1.3	59
4	Ion imprinted cryogels for selective removal of Ni(II) ions from aqueous solutions. <i>Separation and Purification Technology</i> , 2017, 179, 36-44.	3.9	55
5	Molecularly imprinted composite bacterial cellulose nanofibers for antibiotic release. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2019, 30, 450-461.	1.9	53
6	A novel multilayer hydrogel wound dressing for antibiotic release. <i>Journal of Drug Delivery Science and Technology</i> , 2020, 58, 101536.	1.4	47
7	Advancements and future directions in the antibacterial wound dressings – A review. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2021, 109, 703-716.	1.6	47
8	Evaluation of hyaluronic acid nanoparticle embedded chitosan-gelatin hydrogels for antibiotic release. <i>Drug Development Research</i> , 2021, 82, 241-250.	1.4	33
9	Surface imprinted bacterial cellulose nanofibers for cytochrome c purification. <i>Process Biochemistry</i> , 2015, 50, 2289-2297.	1.8	31
10	Surface imprinted bacterial cellulose nanofibers for hemoglobin purification. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 158, 453-459.	2.5	30
11	Bacterial cellulose nanofibers for albumin depletion from human serum. <i>Process Biochemistry</i> , 2010, 45, 1713-1719.	1.8	29
12	Recognition of lysozyme using surface imprinted bacterial cellulose nanofibers. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2017, 28, 1950-1965.	1.9	20
13	Protein depletion with bacterial cellulose nanofibers. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2018, 1099, 1-9.	1.2	18
14	Metal ion coordination interactions for biomolecule recognition: a review. <i>Hittite Journal of Science & Engineering</i> , 2015, 1, 21-26.	0.2	18
15	Poly(vinyl alcohol)/(hyaluronic acid-g-kappa-carrageenan) hydrogel as antibiotic-releasing wound dressing. <i>Chemical Papers</i> , 2021, 75, 6591-6600.	1.0	17
16	Aloe vera-based antibacterial porous sponges for wound dressing applications. <i>Journal of Porous Materials</i> , 2021, 28, 741-750.	1.3	15
17	Affinity binding of proteins to the modified bacterial cellulose nanofibers. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017, 1052, 121-127.	1.2	13
18	Phenol removal from wastewater by surface imprinted bacterial cellulose nanofibres. <i>Environmental Technology (United Kingdom)</i> , 2020, 41, 3134-3145.	1.2	13

#	ARTICLE	IF	CITATIONS
19	Bacterial cellulose/poly vinyl alcohol based wound dressings with sustained antibiotic delivery. Chemical Papers, 2021, 75, 3979-3987.	1.0	13
20	Characterization and antibacterial activity of gelatin-gellan gum bilayer wound dressing. International Journal of Polymeric Materials and Polymeric Biomaterials, 2022, 71, 1240-1251.	1.8	12
21	Molecularly imprinted smart cryogels for selective nickel recognition in aqueous solutions. Journal of Applied Polymer Science, 2021, 138, 49746.	1.3	10
22	Potential Evaluation of PVA-Based Hydrogels for Biomedical Applications. Hittite Journal of Science & Engineering, 2015, 2, 165-171.	0.2	10
23	Synthesis of Chitosan-Based Hydrogels as a Novel Drug Release Device for Wound Healing. Hittite Journal of Science & Engineering, 2017, 4, 137-144.	0.2	7
24	Evaluation of kappa carrageenan and gelatin based sponges for dental applications. Chemical Papers, 2022, 76, 4005-4015.	1.0	5
25	Bacterial cellulose nanofibers for separation, drug delivery, wound dressing, and tissue engineering applications. , 2022, , 1-20.		1