

TÃ¼lin Kutsal

List of Publications by Year in descending order

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33
papers

1,688
citations

304743

22
h-index

434195

31
g-index

33
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33
docs citations

33
times ranked

1435
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>In vivo</i> imaging/detection of MRSA bacterial infections in mice using fluorescence labelled polymeric nanoparticles carrying vancomycin as the targeting agent. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2020, 31, 293-309.	3.5	13
2	Ti implants with nanostructured and HA-coated surfaces for improved osseointegration. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2016, 44, 1023-1030.	2.8	16
3	A Thermo-Sensitive NIPA-Based Co-Polymer and Monosize Polycationic Nanoparticle for Non-viral Gene Transfer to Smooth Muscle Cells. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2012, 23, 577-592.	3.5	2
4	TIMP-2 gene transfer by positively charged PEG-lated monosized polycationic carrier to smooth muscle cells. <i>Journal of Nanoparticle Research</i> , 2012, 14, 1.	1.9	5
5	Application of multicomponent adsorption models to the biosorption of CR(VI), CU(II), and CD(II) ions on rhizopus arrhizus from ternary metal mixtures. <i>Chemical Engineering Communications</i> , 2003, 190, 797-812.	2.6	12
6	Ternary biosorption equilibria of chromium(VI), copper(II), and cadmium(II) on Rhizopus arrhizus. <i>Separation Science and Technology</i> , 2002, 37, 279-309.	2.5	55
7	Recent trends in the biosorption of heavy metals: A review. <i>Biotechnology and Bioprocess Engineering</i> , 2001, 6, 376-385.	2.6	80
8	Evaluation, interpretation, and representation of three-metal biosorption equilibria using a fungal biosorbent. <i>Process Biochemistry</i> , 2001, 37, 35-50.	3.7	51
9	Determination of the biosorption activation energies of heavy metal ions on Zoogloea ramigera and Rhizopus arrhizus. <i>Process Biochemistry</i> , 2000, 35, 801-807.	3.7	64
10	Determination of the biosorption heats of heavy metal ions on Zoogloea ramigera and Rhizopus arrhizus. <i>Biochemical Engineering Journal</i> , 2000, 6, 145-151.	3.6	167
11	Biosorption of Lead(II), Nickel(II), and Copper(II) on Rhizopus arrhizus from Binary and Ternary Metal Mixtures. <i>Separation Science and Technology</i> , 2000, 35, 2601-2617.	2.5	24
12	Simultaneous Biosorption of Chromium(VI) and Copper(II) on Rhizopus Arrhizus in Packed Column Reactor: Application of the Competitive Freundlich Mode. <i>Separation Science and Technology</i> , 1999, 34, 3155-3171.	2.5	12
13	Investigation of Simultaneous Biosorption of Copper(II) and Chromium(VI) on Dried Chlorella Vulgaris from Binary Metal Mixtures: Application of Multicomponent Adsorption Isotherms. <i>Separation Science and Technology</i> , 1999, 34, 501-524.	2.5	62
14	A comparative study for the simultaneous biosorption of Cr(VI) and Fe(III) on C. vulgaris and R. arrhizus: application of the competitive adsorption models. <i>Process Biochemistry</i> , 1998, 33, 273-281.	3.7	60
15	The simultaneous biosorption of Cr(VI), Fe(III) and Cu(II) on Rhizopus arrhizus. <i>Process Biochemistry</i> , 1998, 33, 571-579.	3.7	27
16	An Overview of the Studies about Heavy Metal Adsorption Process by Microorganisms on the Lab. Scale in Turkey. <i>Mineral Processing and Extractive Metallurgy Review</i> , 1998, 19, 331-340.	5.0	1
17	A staged purification process to remove heavy metal ions from wastewater using Rhizopus arrhizus. <i>Process Biochemistry</i> , 1997, 32, 319-326.	3.7	35
18	The simultaneous biosorption process of lead(II) and nickel(II) on Rhizopus arrhizus. <i>Process Biochemistry</i> , 1997, 32, 591-597.	3.7	30

#	ARTICLE	IF	CITATIONS
19	Application of multicomponent adsorption isotherms to simultaneous biosorption of iron(III) and chromium(VI) on <i>C. vulgaris</i> . <i>Journal of Chemical Technology and Biotechnology</i> , 1997, 70, 368-378.	3.2	53
20	Investigation of Biosorption of Chromium(VI) on <i>Cladophora Crispata</i> in Two-Stage Batch Reactor. <i>Environmental Technology (United Kingdom)</i> , 1996, 17, 215-220.	2.2	73
21	The selective biosorption of chromium(VI) and copper(II) ions from binary metal mixtures by <i>R. arrhizus</i> . <i>Process Biochemistry</i> , 1996, 31, 561-572.	3.7	115
22	Fully competitive biosorption of chromium(VI) and iron(III) ions from binary metal mixtures by <i>R. arrhizus</i> : Use of the competitive langmuir model. <i>Process Biochemistry</i> , 1996, 31, 573-585.	3.7	87
23	Adsorption isotherms of lead(II) and chromium(VI) on <i>Cladophora crispata</i> . <i>Environmental Technology (United Kingdom)</i> , 1994, 15, 439-448.	2.2	57
24	The biosorption of copper(II) by <i>C. vulgaris</i> and <i>Z. ramigera</i> . <i>Environmental Technology (United Kingdom)</i> , 1992, 13, 579-586.	2.2	175
25	Oxygen transfer kinetics of riboflavin fermentation by <i>Ashbya gossypii</i> in agitated fermentors. <i>Enzyme and Microbial Technology</i> , 1992, 14, 984-990.	3.2	4
26	Biotechnological Advances and Developing Countries. , 1992, , 343-357.		2
27	The Usage of Various Microorganisms in Waste Water Treatment Containing Copper(II) Ions. , 1992, , 545-546.		0
28	Investigation of biosorption of Cu(II), Ni(II) and Cr(VI) ions to activated sludge bacteria. <i>Environmental Technology (United Kingdom)</i> , 1991, 12, 915-921.	2.2	88
29	Effects of growth factors on riboflavin production by <i>Ashbya gossypii</i> . <i>Enzyme and Microbial Technology</i> , 1991, 13, 594-596.	3.2	9
30	A bioseparation process for removing lead(II) ions from waste water by using <i>C. vulgaris</i> . <i>Journal of Chemical Technology and Biotechnology</i> , 1991, 52, 109-118.	3.2	119
31	A comparative study of the adsorption of chromium(VI) ions to <i>C. vulgaris</i> and <i>Z. ramigera</i> . <i>Environmental Technology (United Kingdom)</i> , 1990, 11, 33-40.	2.2	42
32	A comparative study for biosorption characteristics of heavy metal ions with <i>C. vulgaris</i> . <i>Environmental Technology (United Kingdom)</i> , 1990, 11, 979-987.	2.2	115
33	Comparative study of riboflavin production from two microorganisms: <i>Eremothecium ashbyii</i> and <i>Ashbya gossypii</i> . <i>Enzyme and Microbial Technology</i> , 1986, 8, 593-596.	3.2	33