Roman Breiter

List of Publications by Year
in descending order

18	473	1040056 9	794594 19
papers	citations	h-index	g-index

19	19	19	746
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Decellularized Cartilage Matrix as a Novel Biomatrix for Cartilage Tissue-Engineering Applications. Tissue Engineering - Part A, 2012, 18, 2195-2209.	3.1	205
2	Processed xenogenic cartilage as innovative biomatrix for cartilage tissue engineering: effects on chondrocyte differentiation and function. Journal of Tissue Engineering and Regenerative Medicine, 2015, 9, E239-E251.	2.7	72
3	In VitroCytotoxicity andIn VivoEffects of a Decellularized Xenogeneic Collagen Scaffold in Nasal Cartilage Repair. Tissue Engineering - Part A, 2014, 20, 1668-1678.	3.1	42
4	Screening for unicellular algae as possible bioassay organisms for monitoring marine water samples. Water Research, 2006, 40, 2695-2703.	11.3	36
5	Cartilage regeneration using decellularized cartilage matrix: Long-term comparison of subcutaneous and intranasal placement in a rabbit model. Journal of Cranio-Maxillo-Facial Surgery, 2019, 47, 682-694.	1.7	14
6	Towards rare earth element recovery from wastewaters: biosorption using phototrophic organisms. Applied Microbiology and Biotechnology, 2021, 105, 5229-5239.	3.6	14
7	Development of a simple, accurate SPME-based method for assay of VOCs in column breakthrough experiments. Chemosphere, 2007, 66, 18-29.	8.2	11
8	Transplantation of Chemically Processed Decellularized Meniscal Allografts. Cartilage, 2017, 8, 180-190.	2.7	11
9	Laser surface modification of decellularized extracellular cartilage matrix for cartilage tissue engineering. Lasers in Medical Science, 2018, 33, 375-384.	2.1	11
10	Estimating the PDMS-Coated, SPME-Fibre/Water- and Fibre/Gas-Partition Coefficients of Chlorinated Ethenes by Headspace-SPME. Chromatographia, 2007, 66, 369-376.	1.3	9
11	Competitive sorption of cis-DCE and TCE in silica gel as a model porous mineral solid. Chemosphere, 2008, 72, 1807-1815.	8.2	9
12	Acoustic Properties of Collagenous Matrices of Xenogenic Origin for Tympanic Membrane Reconstruction. Otology and Neurotology, 2016, 37, 692-697.	1.3	7
13	trans-Tetraamminebis(hydrogensulfito)ruthenium(II), trans-[Ru(SO3H)2(NH3)4], a Structure with an Unexpected Rod Packing. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 1990, 45, 1651-1656.	0.7	6
14	Delayed fluorescence, steady state fluorescence, photosystem II quantum yield as endpoints for toxicity evaluation of Cu2+ and Ag+. Environmental and Experimental Botany, 2016, 130, 174-180.	4.2	6
15	Modulation of the inflammatory response to decellularized collagen matrix for cartilage regeneration. Journal of Biomedical Materials Research - Part A, 2022, 110, 1021-1035.	4.0	5
16	The Crystal Structure of Diammonium trans-Tetraammindisulfitonithenate(II)Tetrahydrate,trans-(NH4)2[Ru(SO3)2(NH3)4]Â·4H2O,and the Tuning of the trans-Influence of the Sulfite Ligand. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 1996, 51, 517-524.	0.7	4
17	Modelling the Competitive Sorption Process of Multiple Solutes During their Transport in Porous Media. Environmental Modeling and Assessment, 2009, 14, 615-629.	2.2	4
18	The Crystal Structure of Lithium fac-Triaquatrisulfitorhodate(III)hydroxide, Li4[Rh(S03)3(OH2)3](OH). Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 1993, 48, 1187-1192.	0.7	2