Roman Breiter

List of Publications by Year in Descending Order

18 papers	370 citations	8 h-index	19 g-index
19 ext. papers	427 ext. citations	4 avg, IF	2.78 L-index

#	Paper	IF	Citations
18	Towards rare earth element recovery from wastewaters: biosorption using phototrophic organisms. *Applied Microbiology and Biotechnology*, **2021**, 105, 5229-5239	5.7	2
17	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	3.6	5
16	Laser surface modification of decellularized extracellular cartilage matrix for cartilage tissue engineering. *Lasers in Medical Science*, **2018**, 33, 375-384	3.1	8
15	Transplantation of Chemically Processed Decellularized Meniscal Allografts. *Cartilage*, **2017**, 8, 180-190	3	7
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	5.9	4
13	Acoustic Properties of Collagenous Matrices of Xenogenic Origin for Tympanic Membrane Reconstruction. *Otology and Neurotology*, **2016**, 37, 692-7	2.6	5
12	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, E239-51	4.4	58
11	In vitro cytotoxicity and in vivo effects of a decellularized xenogeneic collagen scaffold in nasal cartilage repair. *Tissue Engineering - Part A*, **2014**, 20, 1668-78	3.9	33
10	Decellularized cartilage matrix as a novel biomatrix for cartilage tissue-engineering applications. *Tissue Engineering - Part A*, **2012**, 18, 2195-209	3.9	170
9	Modelling the Competitive Sorption Process of Multiple Solutes During their Transport in Porous Media. *Environmental Modeling and Assessment*, **2009**, 14, 615-629	2	2
8	Competitive sorption of cis-DCE and TCE in silica gel as a model porous mineral solid. *Chemosphere*, **2008**, 72, 1807-15	8.4	9
7	Estimating the PDMS-Coated, SPME-Fibre/Water- and Fibre/Gas-Partition Coefficients of Chlorinated Ethenes by Headspace-SPME. *Chromatographia*, **2007**, 66, 369-376	2.1	9
6	Development of a simple, accurate SPME-based method for assay of VOCs in column breakthrough experiments. *Chemosphere*, **2007**, 66, 18-29	8.4	10
5	Screening for unicellular algae as possible bioassay organisms for monitoring marine water samples. *Water Research*, **2006**, 40, 2695-703	12.5	33
4	Natural Attenuation-Untersuchungen an einem mit LCKW kontaminierten Altdeponiestandort. *Grundwasser*, **2006**, 11, 184-193	1.1	5
3	The Crystal Structure of Diammonium trans-Tetraammindisulfitonithenate(II)Tetrahydrate,trans-(NH4)2[Ru(SO3)2(NH3)4]□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	1	3
2	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	1	1

1 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 1 5