

Roman Breiter

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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|-------------------|-----------------------|--------------|-----------------|
| 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 | Decellularized cartilage matrix as a novel biomatrix for cartilage tissue-engineering applications. <i>Tissue Engineering - Part A</i> , 2012 , 18, 2195-209 | 3.9 | 170 |
| 17 | Processed xenogenic cartilage as innovative biomatrix for cartilage tissue engineering: effects on chondrocyte differentiation and function. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2015 , 9, E239-51 | 4.4 | 58 |
| 16 | In vitro cytotoxicity and in vivo effects of a decellularized xenogeneic collagen scaffold in nasal cartilage repair. <i>Tissue Engineering - Part A</i> , 2014 , 20, 1668-78 | 3.9 | 33 |
| 15 | Screening for unicellular algae as possible bioassay organisms for monitoring marine water samples. <i>Water Research</i> , 2006 , 40, 2695-703 | 12.5 | 33 |
| 14 | Development of a simple, accurate SPME-based method for assay of VOCs in column breakthrough experiments. <i>Chemosphere</i> , 2007 , 66, 18-29 | 8.4 | 10 |
| 13 | Competitive sorption of cis-DCE and TCE in silica gel as a model porous mineral solid. <i>Chemosphere</i> , 2008 , 72, 1807-15 | 8.4 | 9 |
| 12 | Estimating the PDMS-Coated, SPME-Fibre/Water- and Fibre/Gas-Partition Coefficients of Chlorinated Ethenes by Headspace-SPME. <i>Chromatographia</i> , 2007 , 66, 369-376 | 2.1 | 9 |
| 11 | Laser surface modification of decellularized extracellular cartilage matrix for cartilage tissue engineering. <i>Lasers in Medical Science</i> , 2018 , 33, 375-384 | 3.1 | 8 |
| 10 | Transplantation of Chemically Processed Decellularized Meniscal Allografts. <i>Cartilage</i> , 2017 , 8, 180-190 | 3 | 7 |
| 9 | Cartilage regeneration using decellularized cartilage matrix: Long-term comparison of subcutaneous and intranasal placement in a rabbit model. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2019 , 47, 682-694 | 3.6 | 5 |
| 8 | Natural Attenuation-Untersuchungen an einem mit LCKW kontaminierten Altdeponiestandort. <i>Grundwasser</i> , 2006 , 11, 184-193 | 1.1 | 5 |
| 7 | trans-Tetraamminebis(hydrogensulfito)ruthenium(II), trans-[Ru(SO ₃ H) ₂ (NH ₃) ₄], a Structure with an Unexpected Rod Packing. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 1990 , 45, 1651-1656 | 1 | 5 |
| 6 | Acoustic Properties of Collagenous Matrices of Xenogenic Origin for Tympanic Membrane Reconstruction. <i>Otology and Neurotology</i> , 2016 , 37, 692-7 | 2.6 | 5 |
| 5 | Delayed fluorescence, steady state fluorescence, photosystem II quantum yield as endpoints for toxicity evaluation of Cu ²⁺ and Ag ⁺ . <i>Environmental and Experimental Botany</i> , 2016 , 130, 174-180 | 5.9 | 4 |
| 4 | The Crystal Structure of Diammonium trans-Tetraamminedisulfonitethenate(II)Tetrahydrate,trans-(NH ₄) ₂ [Ru(SO ₃) ₂ (NH ₃) ₄]·4H ₂ O,and the Tuning of the trans-Influence of the Sulfite Ligand. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 1994 , 49, 517-524 | 1 | 3 |
| 3 | Modelling the Competitive Sorption Process of Multiple Solutes During their Transport in Porous Media. <i>Environmental Modeling and Assessment</i> , 2009 , 14, 615-629 | 2 | 2 |
| 2 | Towards rare earth element recovery from wastewaters: biosorption using phototrophic organisms. <i>Applied Microbiology and Biotechnology</i> , 2021 , 105, 5229-5239 | 5.7 | 2 |

- 1 The Crystal Structure of Lithium fac-Triaquatrisulfitorhodate(III)hydroxide,
Li₄[Rh(SO₃)₃(OH₂)₃](OH). *Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences*,
1993, 48, 1187-1192 1 1