

Tomas Sedlacik

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

183
citations

1306789

7
h-index

1372195

10
g-index

12
all docs

12
docs citations

12
times ranked

372
citing authors

#	ARTICLE	IF	CITATIONS
1	The race for strong and tough hydrogels. <i>Matter</i> , 2021, 4, 1456-1459.	5.0	5
2	Bioengineering a pre-vascularized pouch for subsequent islet transplantation using VEGF-loaded polylactide capsules. <i>Biomaterials Science</i> , 2020, 8, 631-647.	2.6	23
3	Preparation of Tough Double- and Triple-Network Supermacroporous Hydrogels through Repeated Cryogelation. <i>Chemistry of Materials</i> , 2020, 32, 8576-8586.	3.2	41
4	Chondrogenic potential of macroporous biodegradable cryogels based on synthetic poly(α -amino) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.2	9
5	Polymer scaffolds with no skin-effect for tissue engineering applications fabricated by thermally induced phase separation. <i>Biomedical Materials (Bristol)</i> , 2016, 11, 015002.	1.7	17
6	Toward Structured Macroporous Hydrogel Composites: Electron Beam-Initiated Polymerization of Layered Cryogels. <i>Biomacromolecules</i> , 2015, 16, 1146-1156.	2.6	6
7	Macroporous Biodegradable Cryogels of Synthetic Poly(α -amino acids). <i>Biomacromolecules</i> , 2015, 16, 3455-3465.	2.6	26
8	Direct laser writing of synthetic poly(amino acid) hydrogels and poly(ethylene glycol) diacrylates by two-photon polymerization. <i>Materials Science and Engineering C</i> , 2014, 43, 280-289.	3.8	37
9	Enzymatic degradation of the hydrogels based on synthetic poly(α -amino acid)s. <i>Journal of Materials Science: Materials in Medicine</i> , 2011, 22, 781-788.	1.7	17