

Cecile Echalier

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7053124/publications.pdf>

Version: 2024-02-01

16
papers

320
citations

1039880

9
h-index

940416

16
g-index

17
all docs

17
docs citations

17
times ranked

442
citing authors

#	ARTICLE	IF	CITATIONS
1	Chemical cross-linking methods for cell encapsulation in hydrogels. <i>Materials Today Communications</i> , 2019, 20, 100536.	0.9	47
2	Inorganic polymerization: an attractive route to biocompatible hybrid hydrogels. <i>Journal of Materials Chemistry B</i> , 2018, 6, 3434-3448.	2.9	41
3	Simple and Specific Grafting of Antibacterial Peptides on Silicone Catheters. <i>Advanced Healthcare Materials</i> , 2016, 5, 3067-3073.	3.9	39
4	Modular bioink for 3D printing of biocompatible hydrogels: sol-gel polymerization of hybrid peptides and polymers. <i>RSC Advances</i> , 2017, 7, 12231-12235.	1.7	39
5	Sol-gel synthesis of collagen-inspired peptide hydrogel. <i>Materials Today</i> , 2017, 20, 59-66.	8.3	37
6	Design and clinical application of injectable hydrogels for musculoskeletal therapy. <i>Bioengineering and Translational Medicine</i> , 2022, 7, .	3.9	29
7	Easy Synthesis of Tunable Hybrid Bioactive Hydrogels. <i>Chemistry of Materials</i> , 2016, 28, 1261-1265.	3.2	25
8	Heating and microwave assisted SPPS of C-terminal acid peptides on trityl resin: the truth behind the yield. <i>Amino Acids</i> , 2013, 45, 1395-1403.	1.2	19
9	Synthesis and Evaluation of Novel Ring-Strained Noncanonical Amino Acids for Residue-Specific Bioorthogonal Reactions in Living Cells. <i>Chemistry - A European Journal</i> , 2021, 27, 6094-6099.	1.7	14
10	Silica particles with a quercetin-R5 peptide conjugate are taken up into HT-29 cells and translocate into the nucleus. <i>Chemical Communications</i> , 2019, 55, 9649-9652.	2.2	8
11	Selective homodimerization of unprotected peptides using hybrid hydroxydimethylsilane derivatives. <i>RSC Advances</i> , 2016, 6, 32905-32914.	1.7	7
12	Self-mineralization and assembly of a bis-silylated Phe-Phe pseudodipeptide to a structured bioorganic-inorganic material. <i>Materials Horizons</i> , 2019, 6, 2040-2046.	6.4	5
13	amTCO, a new <i>trans</i> -cyclooctene derivative to study drug-target interactions in cells. <i>Chemical Communications</i> , 2021, 57, 1814-1817.	2.2	3
14	Bacterial Toxin-Triggered Release of Antibiotics from Capsosomes Protects a Fly Model from Lethal Methicillin-Resistant <i>Staphylococcus aureus</i> (MRSA) Infection. <i>Advanced Healthcare Materials</i> , 2022, 11, e2200036.	3.9	3
15	Direct Synthesis of Peptide-Containing Silicones: A New Way to Bioactive Materials. <i>Chemistry - A European Journal</i> , 2020, 26, 12839-12845.	1.7	2
16	Hybrid Silylated Peptides for the Design of Bio-functionalized Materials. <i>Springer Protocols</i> , 2020, , 69-92.	0.1	2