

Florian Rechenmacher

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

1,352
citations

1040056

9
h-index

1281871

11
g-index

12
all docs

12
docs citations

12
times ranked

2462
citing authors

#	ARTICLE	IF	CITATIONS
1	Cilengitide: The First Anti-Angiogenic Small Molecule Drug Candidate. Design, Synthesis and Clinical Evaluation. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2010, 10, 753-768.	1.7	539
2	A Comprehensive Evaluation of the Activity and Selectivity Profile of Ligands for RGD-binding Integrins. <i>Scientific Reports</i> , 2017, 7, 39805.	3.3	425
3	$\alpha_3\beta_1$ - or $\alpha_5\beta_1$ -Integrin-Selective Peptidomimetics for Surface Coating. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 7048-7067.	13.8	99
4	Functionalizing $\alpha_3\beta_1$ - or $\alpha_5\beta_1$ -Selective Integrin Antagonists for Surface Coating: A Method To Discriminate Integrin Subtypes In-vitro. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 1572-1575.	13.8	80
5	Hydrogel Micropillars with Integrin Selective Peptidomimetic Functionalized Nanopatterned Tops: A New Tool for the Measurement of Cell Traction Forces Transmitted through $\alpha_v\beta_2$ - or $\alpha_5\beta_1$ -Integrins. <i>Advanced Materials</i> , 2013, 25, 5869-5874.	21.0	54
6	Substrate engagement of integrins $\alpha_5\beta_1$ and $\alpha_v\beta_3$ is necessary, but not sufficient, for high directional persistence in migration on fibronectin. <i>Scientific Reports</i> , 2016, 6, 23258.	3.3	50
7	Selective binding and lateral clustering of $\alpha_5\beta_1$ and $\alpha_v\beta_3$ integrins: Unraveling the spatial requirements for cell spreading and focal adhesion assembly. <i>Cell Adhesion and Migration</i> , 2016, 10, 505-515.	2.7	37
8	Segregation Versus Colocalization: Orthogonally Functionalized Binary Micropatterned Substrates Regulate the Molecular Distribution in Focal Adhesions. <i>Advanced Materials</i> , 2015, 27, 3737-3747.	21.0	34
9	Recruitment of integrin $\alpha_5\beta_1$ to integrin $\alpha_v\beta_3$ -induced clusters enables focal adhesion maturation and cell spreading. <i>Journal of Cell Science</i> , 2020, 133, .	2.0	22
10	The Integrin Ligand <i>RGDf(NMe)Nal</i> Reduces Neointimal Hyperplasia in a Polymer-Free Drug-Eluting Stent System. <i>ChemMedChem</i> , 2014, 9, 1413-1418.	3.2	8
11	Assessment of a pro-healing stent in an animal model of early neoatherosclerosis. <i>Scientific Reports</i> , 2020, 10, 8227.	3.3	4