

Karthik Raman

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

259
citations

933447

10
h-index

1125743

13
g-index

14
all docs

14
docs citations

14
times ranked

372
citing authors

#	ARTICLE	IF	CITATIONS
1	Chemical Tumor Biology of Heparan Sulfate Proteoglycans. <i>Current Chemical Biology</i> , 2010, 4, 20-31.	0.5	69
2	Sulfation Patterns Determine Cellular Internalization of Heparin-Like Polysaccharides. <i>Molecular Pharmaceutics</i> , 2013, 10, 1442-1449.	4.6	36
3	Novel glycosaminoglycan biosynthetic inhibitors affect tumor-associated angiogenesis. <i>Biochemical and Biophysical Research Communications</i> , 2011, 404, 86-89.	2.1	30
4	Hydrogen/deuterium exchange-LC-MS approach to characterize the action of heparan sulfate C5-epimerase. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 401, 237-244.	3.7	22
5	Applications of isotopes in advancing structural and functional heparanomics. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 399, 559-570.	3.7	19
6	Discovery of novel sulfonated small molecules that inhibit vascular tube formation. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012, 22, 4467-4470.	2.2	18
7	A synthetic heparan sulfate oligosaccharide library reveals the novel enzymatic action of <i>3-O-sulfotransferase-3a</i> . <i>Molecular BioSystems</i> , 2012, 8, 609-614.	2.9	16
8	Click-xylosides mitigate glioma cell invasion in vitro. <i>Molecular BioSystems</i> , 2010, 6, 1800.	2.9	15
9	Differential effects of Heparitinase I and Heparitinase III on endothelial tube formation in vitro. <i>Biochemical and Biophysical Research Communications</i> , 2010, 398, 191-193.	2.1	10
10	6-O-sulfation just a gateway modification during heparan sulfate biosynthesis?. <i>FEBS Letters</i> , 2011, 585, 3420-3423.	2.8	10
11	Chemical Modification of Heparin and Heparosan. <i>Methods in Molecular Biology</i> , 2015, 1229, 31-36.	0.9	7
12	Investigating the mechanism of the assembly of FGF1-binding heparan sulfate motifs. <i>FEBS Letters</i> , 2011, 585, 2698-2702.	2.8	6
13	Chemical Approaches to Prepare Modified Heparin and Heparosan Polymers for Biological Studies. <i>Methods in Molecular Biology</i> , 2022, 2303, 289-296.	0.9	1
14	Chemogenesis of an Antiangiogenic Glycosaminoglycan. <i>ACS Medicinal Chemistry Letters</i> , 2014, 5, 644-646.	2.8	0