Yevgeny Brudno

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8599919/publications.pdf

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26	7,042	471061	552369
papers	citations	17	26
		h-index	g-index

27	27	27	10277
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Conversion of 5-Methylcytosine to 5-Hydroxymethylcytosine in Mammalian DNA by MLL Partner TET1. Science, 2009, 324, 930-935.	6.0	4,989
2	Genome-wide mapping of 5-hydroxymethylcytosine in embryonic stem cells. Nature, 2011, 473, 394-397.	13.7	738
3	Enhancing microvascular formation and vessel maturation through temporal control over multiple pro-angiogenic and pro-maturation factors. Biomaterials, 2013, 34, 9201-9209.	5.7	165
4	DNA-Templated Polymerization of Side-Chain-Functionalized Peptide Nucleic Acid Aldehydes. Journal of the American Chemical Society, 2008, 130, 4646-4659.	6.6	149
5	Comparison of biomaterial delivery vehicles for improving acute retention of stem cells in the infarcted heart. Biomaterials, 2014, 35, 6850-6858.	5.7	140
6	On-demand drug delivery from local depots. Journal of Controlled Release, 2015, 219, 8-17.	4.8	123
7	Recent Progress Toward the Templated Synthesis and Directed Evolution of Sequence-Defined Synthetic Polymers. Chemistry and Biology, 2009, 16, 265-276.	6.2	95
8	Plateletâ€Inspired Nanocells for Targeted Heart Repair After Ischemia/Reperfusion Injury. Advanced Functional Materials, 2019, 29, 1803567.	7.8	92
9	An in vitro translation, selection and amplification system for peptide nucleic acids. Nature Chemical Biology, 2010, 6, 148-155.	3.9	85
10	Refilling drug delivery depots through the blood. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 12722-12727.	3.3	84
11	Sustained Delivery of VEGF Maintains Innervation and Promotes Reperfusion in Ischemic Skeletal Muscles Via NGF/GDNF Signaling. Molecular Therapy, 2014, 22, 1243-1253.	3.7	77
12	Three-Dimensional Human Tissue Models That Incorporate Diabetic Foot Ulcer-Derived Fibroblasts Mimic In Vivo Features of Chronic Wounds. Tissue Engineering - Part C: Methods, 2015, 21, 499-508.	1.1	69
13	Bioinstructive implantable scaffolds for rapid in vivo manufacture and release of CAR-T cells. Nature Biotechnology, 2022, 40, 1250-1258.	9.4	63
14	Replenishable drug depot to combat post-resection cancer recurrence. Biomaterials, 2018, 178, 373-382.	5.7	40
15	In Vivo Targeting through Click Chemistry. ChemMedChem, 2015, 10, 617-620.	1.6	28
16	Click cross-linking improves retention and targeting of refillable alginate depots. Acta Biomaterialia, 2020, 112, 112-121.	4.1	25
17	Fibroblasts Derived from Human Pluripotent Stem Cells Activate Angiogenic Responses In Vitro and In Vivo. PLoS ONE, 2013, 8, e83755.	1.1	24
18	Clickable, acid labile immunosuppressive prodrugs forin vivotargeting. Biomaterials Science, 2020, 8, 266-277.	2.6	16

#	Article	IF	Citations
19	Scaffoldâ€Mediated Static Transduction of T Cells for CARâ€T Cell Therapy. Advanced Healthcare Materials, 2020, 9, e2000275.	3.9	15
20	In Vivo Targeting Using Arylboronate/Nopoldiol Click Conjugation. Bioconjugate Chemistry, 2020, 31, 2288-2292.	1.8	7
21	Extracellular-Matrix-Anchored Click Motifs for Specific Tissue Targeting. Molecular Pharmaceutics, 2019, 17, 392-403.	2.3	5
22	On-Demand Drug Release from Click-Refillable Drug Depots. Molecular Pharmaceutics, 2021, 18, 3920-3925.	2.3	5
23	Tissue-reactive drugs enable materials-free local depots. Journal of Controlled Release, 2022, 343, 142-151.	4.8	3
24	Regenerating Antithrombotic Surfaces through Nucleic Acid Displacement. ACS Biomaterials Science and Engineering, 2020, 6, 2159-2166.	2.6	2
25	Restoring Carboxylates on Highly Modified Alginates Improves Gelation, Tissue Retention and Systemic Capture. Acta Biomaterialia, 2021, 138, 208-208.	4.1	2
26	Pro-angiogenic factors enhance pericyte function during angiogenesis. , 2014, , .		0