

Si Chen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4095276/publications.pdf>

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10
papers

408
citations

1307594

7
h-index

1281871

11
g-index

11
all docs

11
docs citations

11
times ranked

778
citing authors

#	ARTICLE	IF	CITATIONS
1	A review of bioeffects induced by focused ultrasound combined with microbubbles on the neurovascular unit. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2022, 42, 3-26.	4.3	13
2	Sex differences in cancer mechanisms. <i>Biology of Sex Differences</i> , 2020, 11, 17.	4.1	169
3	Single-Cell Receptor Quantification of an In Vitro Coculture Angiogenesis Model Reveals VEGFR, NRP1, Tie2, and PDGFR Regulation and Endothelial Heterogeneity. <i>Processes</i> , 2019, 7, 356.	2.8	8
4	Cell isolation via spiral microfluidics and the secondary anchor targeted cell release system. <i>AICHE Journal</i> , 2019, 65, e16844.	3.6	1
5	Multiplexing Angiogenic Receptor Quantification via Quantum Dots. <i>Analytical Chemistry</i> , 2019, 91, 7603-7612.	6.5	11
6	VEGFR1 promotes cell migration and proliferation through PLC β 3 and PI3K pathways. <i>Npj Systems Biology and Applications</i> , 2018, 4, 1.	3.0	69
7	Characterizing Glioblastoma Heterogeneity via Single-Cell Receptor Quantification. <i>Frontiers in Bioengineering and Biotechnology</i> , 2018, 6, 92.	4.1	37
8	Discovery of High-Affinity PDGF-VEGFR Interactions: Redefining RTK Dynamics. <i>Scientific Reports</i> , 2017, 7, 16439.	3.3	55
9	qFlow Cytometry-Based Receptoromic Screening: A High-Throughput Quantification Approach Informing Biomarker Selection and Nanosensor Development. <i>Methods in Molecular Biology</i> , 2017, 1570, 117-138.	0.9	17
10	Quantification of VEGFRs, NRP1, and PDGFRs on Endothelial Cells and Fibroblasts Reveals Serum, Intra-Family Ligand, and Cross-Family Ligand Regulation. <i>Cellular and Molecular Bioengineering</i> , 2015, 8, 383-403.	2.1	27