

# Mark S Chen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/295116/publications.pdf>

Version: 2024-02-01

21  
papers

1,786  
citations

687363

13  
h-index

794594

19  
g-index

24  
all docs

24  
docs citations

24  
times ranked

2405  
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanodiamond Therapeutic Delivery Agents Mediate Enhanced Chemoresistant Tumor Treatment. <i>Science Translational Medicine</i> , 2011, 3, 73ra21.	12.4	484
2	Polymer-Functionalized Nanodiamond Platforms as Vehicles for Gene Delivery. <i>ACS Nano</i> , 2009, 3, 2609-2616.	14.6	362
3	Nanodiamond-Mediated Delivery of Water-Insoluble Therapeutics. <i>ACS Nano</i> , 2009, 3, 2016-2022.	14.6	293
4	Nanodiamond-Embedded Microfilm Devices for Localized Chemotherapeutic Elution. <i>ACS Nano</i> , 2008, 2, 2095-2102.	14.6	181
5	Nanodiamond Vectors Functionalized with Polyethylenimine for siRNA Delivery. <i>Journal of Physical Chemistry Letters</i> , 2010, 1, 3167-3171.	4.6	146
6	Nanofountainâ€Probeâ€Based Highâ€Resolution Patterning and Singleâ€Cell Injection of Functionalized Nanodiamonds. <i>Small</i> , 2009, 5, 1667-1674.	10.0	74
7	Generation and comparison of CRISPR-Cas9 and Cre-mediated genetically engineered mouse models of sarcoma. <i>Nature Communications</i> , 2017, 8, 15999.	12.8	53
8	Genomic Status of <i>MET</i> Potentiates Sensitivity to MET and MEK Inhibition in NF1-Related Malignant Peripheral Nerve Sheath Tumors. <i>Cancer Research</i> , 2018, 78, 3672-3687.	0.9	33
9	Ultrananocrystalline Diamond Thin Films Functionalized with Therapeutically Active Collagen Networks. <i>Journal of Physical Chemistry B</i> , 2009, 113, 2966-2971.	2.6	31
10	Parylene-Encapsulated Copolymeric Membranes as Localized and Sustained Drug Delivery Platforms. <i>Annals of Biomedical Engineering</i> , 2009, 37, 2003-2017.	2.5	30
11	Tumor genotype dictates radiosensitization after <i>Atm</i> deletion in primary brainstem glioma models. <i>Journal of Clinical Investigation</i> , 2021, 131, .	8.2	27
12	Genetically engineered mouse models for studying radiation biology. <i>Translational Cancer Research</i> , 2017, 6, S900-S913.	1.0	21
13	Nanodiamondâ€therapeutic complexes embedded within poly(ethylene glycol) diacrylate hydrogels mediating sequential drug elution. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2012, 209, 1811-1818.	1.8	17
14	The Fusion Oncogene FUS-CHOP Drives Sarcomagenesis of High-Grade Spindle Cell Sarcomas in Mice. <i>Sarcoma</i> , 2019, 2019, 1-14.	1.3	9
15	Genome-wide CRISPR Screen to Identify Genes that Suppress Transformation in the Presence of Endogenous <i>Kras</i> G12D. <i>Scientific Reports</i> , 2019, 9, 17220.	3.3	6
16	Tumor Subtype Determines Therapeutic Response to Chimeric Polypeptide Nanoparticleâ€based Chemotherapy in <i>Pten</i> -deleted Mouse Models of Sarcoma. <i>Clinical Cancer Research</i> , 2020, 26, 5036-5047.	7.0	6
17	Radiation-Induced Phosphorylation of a Prion-Like Domain Regulates Transformation by FUS-CHOP. <i>Cancer Research</i> , 2021, 81, 4939-4948.	0.9	4
18	Safely combining trabectedin with radiotherapy to treat myxoid liposarcoma. <i>EclinicalMedicine</i> , 2019, 9, 5-6.	7.1	3

#	ARTICLE	IF	CITATIONS
19	Engineering Multifunctional Biologically-Amenable Nanomaterials for Interfacial Therapeutic Delivery and Substrate-Based Cellular Interrogation. , 2007, , .		1
20	Dynamic Cellular Adhesion Mediated by Copolymeric Nanofilm Substrates. Journal of the Association for Laboratory Automation, 2008, 13, 206-214.	2.8	1
21	Microfluidic Platforms for Nanoparticle Delivery and Nanomanufacturing in Biology and Medicine. , 2010, , 225-234.		1