Daniela C Marcano

List of Publications by Citations

19 papers	9,190 citations	16 h-index	22 g-index
22 ext. papers	10,241 ext. citations	11.6 avg, IF	5.47 L-index

#	Paper	IF	Citations
19	Improved synthesis of graphene oxide. *ACS Nano*, **2010**, 4, 4806-14	16.7	8269
18	Highly efficient conversion of superoxide to oxygen using hydrophilic carbon clusters. *Proceedings of the National Academy of Sciences of the United States of America*, **2015**, 112, 2343-8	11.5	136
17	Towards hybrid superlattices in graphene. *Nature Communications*, **2011**, 2, 559	17.4	130
16	Ocular drug delivery nanowafer with enhanced therapeutic efficacy. *ACS Nano*, **2015**, 9, 1749-58	16.7	94
15	Antioxidant carbon particles improve cerebrovascular dysfunction following traumatic brain injury. *ACS Nano*, **2012**, 6, 8007-14	16.7	88
14	Effective drug delivery, in vitro and in vivo, by carbon-based nanovectors noncovalently loaded with unmodified Paclitaxel. *ACS Nano*, **2010**, 4, 4621-36	16.7	75
13	The microRNA miR-22 inhibits the histone deacetylase HDAC4 to promote T(H)17 cell-dependent emphysema. *Nature Immunology*, **2015**, 16, 1185-94	19.1	67
12	Biocompatibility of pristine graphene for neuronal interface. *Journal of Neurosurgery: Pediatrics*, **2013**, 11, 575-83	2.1	53
11	Dexamethasone nanowafer as an effective therapy for dry eye disease. *Journal of Controlled Release*, **2015**, 213, 168-174	11.7	48
10	Nanoparticulate carbon black in cigarette smoke induces DNA cleavage and Th17-mediated emphysema. *ELife*, **2015**, 4, e09623	8.9	45
9	Noncovalent functionalization of carbon nanovectors with an antibody enables targeted drug delivery. *ACS Nano*, **2011**, 5, 6643-50	16.7	43
8	Design of poly(ethylene glycol)-functionalized hydrophilic carbon clusters for targeted therapy of cerebrovascular dysfunction in mild traumatic brain injury. *Journal of Neurotrauma*, **2013**, 30, 789-96	5.4	31
7	Hydrophilic carbon clusters as therapeutic, high-capacity antioxidants. *Trends in Biotechnology*, **2014**, 32, 501-5	15.1	27
6	Noncovalent assembly of targeted carbon nanovectors enables synergistic drug and radiation cancer therapy in vivo. *ACS Nano*, **2012**, 6, 2497-505	16.7	23
5	Antibody-targeted nanovectors for the treatment of brain cancers. *ACS Nano*, **2012**, 6, 3114-20	16.7	21
4	Synergistic Cysteamine Delivery Nanowafer as an Efficacious Treatment Modality for Corneal Cystinosis. *Molecular Pharmaceutics*, **2016**, 13, 3468-3477	5.6	16
3	Necrotizing Enterocolitis-like Pneumatosis Intestinalis in an Infant With COVID-19. *Pediatric Infectious Disease Journal*, **2021**, 40, e85-e86	3.4	8

2	The 2-Pyridylcyanoxime and its Complexes. *Current Inorganic Chemistry*, **2015**, 5, 98-113		6
1	Application of Hydrogel Template Strategy in Ocular Drug Delivery. *Methods in Molecular Biology*, **2017**, 1570, 279-285	1.4	5