Cameron W. Evans

List of Publications by Year
in descending order

36	1,323	623188	377514
papers	citations	14 h-index	34 g-index

37	37	37	2161
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Green chemistry and the health implications of nanoparticles. Green Chemistry, 2006, 8, 417.	4.6	580
2	Synthetically controlling dendrimer flexibility improves delivery of large plasmid DNA. Chemical Science, 2017, 8, 2923-2930.	3.7	101
3	Multimodal Analysis of PEI-Mediated Endocytosis of Nanoparticles in Neural Cells. ACS Nano, 2011, 5, 8640-8648.	7.3	83
4	DNA G-Quadruplex and i-Motif Structure Formation Is Interdependent in Human Cells. Journal of the American Chemical Society, 2020, 142, 20600-20604.	6.6	74
5	The corona of a surface bubble promotes electrochemical reactions. Nature Communications, 2020, 11, 6323.	5.8	72
6	In vivo Imaging and Biodistribution of Multimodal Polymeric Nanoparticles Delivered to the Optic Nerve. Small, 2012, 8, 1579-1589.	5.2	40
7	Tumour suppression by targeted intravenous non-viral CRISPRa using dendritic polymers. Chemical Science, 2019, 10, 7718-7727.	3.7	37
8	Triple-hit therapeutic approach for triple negative breast cancers using docetaxel nanoparticles, EN1-iPeps and RGD peptides. Nanomedicine: Nanotechnology, Biology, and Medicine, 2019, 20, 102003.	1.7	36
9	High resolution crystal structure of a KRAS promoter G-quadruplex reveals a dimer with extensive poly-A Ï€-stacking interactions for small-molecule recognition. Nucleic Acids Research, 2020, 48, 5766-5776.	6.5	34
10	Regulation of Proteins to the Cytosol Using Delivery Systems with Engineered Polymer Architecture. Journal of the American Chemical Society, 2021, 143, 4758-4765.	6.6	34
11	Sequential microfluidic flow synthesis of CePO4 nanorods decorated with emission tunable quantum dots. Lab on A Chip, 2010, 10, 2579.	3.1	26
12	Sensitizing basal-like breast cancer to chemotherapy using nanoparticles conjugated with interference peptide. Nanoscale, 2016, 8, 9343-9353.	2.8	23
13	The potential for nanotechnology to improve delivery of therapy to the acute ischemic heart. Nanomedicine, 2016, 11, 817-832.	1.7	21
14	Intracellular speciation of gold nanorods alters the conformational dynamics of genomic DNA. Nature Nanotechnology, 2018, 13, 1148-1153.	15.6	16
15	Nanorings of Self-Assembled Fullerene C₇₀ as Templating Nanoreactors. Journal of the American Chemical Society, 2009, 131, 16338-16339.	6.6	13
16	Multicarbazole scaffolds for selective G-quadruplex binding. Chemical Communications, 2018, 54, 9647-9650.	2.2	13
17	Convergence of terahertz radiation and nanotechnology. Journal of Materials Chemistry C, 2020, 8, 10942-10955.	2.7	13
18	Stability and context of intercalated motifs (i-motifs) for biological applications. Biochimie, 2022, 198, 33-47.	1.3	13

#	Article	IF	Citations
19	Nanosized luminescent superparamagnetic hybrids. Green Chemistry, 2010, 12, 1175.	4.6	12
20	Multimodal and multifunctional stealth polymer nanospheres for sustained drug delivery. New Journal of Chemistry, 2012, 36, 1457.	1.4	12
21	The role of G-Quadruplex DNA in Paraspeckle formation in cancer. Biochimie, 2021, 190, 124-131.	1.3	10
22	Nanoparticle-mediated internalisation and release of a calcium channel blocker. RSC Advances, 2012, 2, 8587.	1.7	9
23	Surface Diffusion of Dendronized Polymers Correlates with Their Transfection Potential. Langmuir, 2020, 36, 9074-9080.	1.6	9
24	Modulating gene expression in breast cancer via DNA secondary structure and the CRISPR toolbox. NAR Cancer, 2021, 3, zcab048.	1.6	8
25	A dendronised polymer architecture breaks the conventional inverse relationship between porosity and mechanical properties of hydrogels. Chemical Communications, 2021, 57, 773-776.	2.2	7
26	Linear Arrays of Interlocking Calixarenes in Controlling the Interplay of Fullerene C₆₀ Molecules. Crystal Growth and Design, 2008, 8, 2929-2932.	1.4	5
27	Non-viral Methodology for Efficient Co-transfection. Methods in Molecular Biology, 2018, 1767, 241-254.	0.4	5
28	SP94-Targeted Nanoparticles Enhance the Efficacy of Sorafenib and Improve Liver Cancer Cell Discrimination. ACS Applied Bio Materials, 2021, 4, 1023-1029.	2.3	5
29	Multifunctional nanoadditives for the thermodynamic and kinetic stabilization of enzymes. Nanoscale, 2011, 3, 4085.	2.8	3
30	Synthetic copolymer conjugates of docetaxel and in vitro assessment of anticancer efficacy. New Journal of Chemistry, 2020, 44, 20013-20020.	1.4	3
31	A facile methodology using quantum dot multiplex labels for tracking co-transfection. RSC Advances, 2019, 9, 20053-20057.	1.7	2
32	A dendronized polymer variant that facilitates safe delivery of a calcium channel antagonist to the heart. Nanomedicine: Nanotechnology, Biology, and Medicine, 2020, 29, 102264.	1.7	1
33	A peptide-functionalised dendronised polymer for selective transfection in human liver cancer cells. New Journal of Chemistry, 2021, 45, 19315-19320.	1.4	1
34	Impact of Fluorination on Uptake of Dendrimers by Cardiomyocytes. Heart Lung and Circulation, 2017, 26, S108.	0.2	0
35	Dendronised Polymers as Templates for In Situ Quantum Dot Synthesis. Australian Journal of Chemistry, 2020, 73, 658.	0.5	0
36	Effect of Millimeter Waves on Genome Architecture and the Transcriptome of Primary Human Fibroblasts. , 2020, , .		0