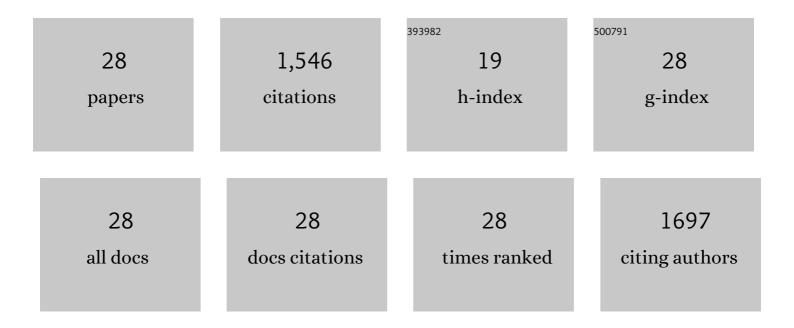
Keenan J Mintz

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Recent development of carbon quantum dots regarding their optical properties, photoluminescence mechanism, and core structure. Nanoscale, 2019, 11, 4634-4652.	2.8	301
2	Triple conjugated carbon dots as a nano-drug delivery model for glioblastoma brain tumors. Nanoscale, 2019, 11, 6192-6205.	2.8	184
3	Size-dependent photocatalytic activity of carbon dots with surface-state determined photoluminescence. Applied Catalysis B: Environmental, 2019, 248, 157-166.	10.8	165
4	A deep investigation into the structure of carbon dots. Carbon, 2021, 173, 433-447.	5.4	128
5	Tryptophan carbon dots and their ability to cross the blood-brain barrier. Colloids and Surfaces B: Biointerfaces, 2019, 176, 488-493.	2.5	71
6	Carbon Dots: Diverse Preparation, Application, and Perspective in Surface Chemistry. Langmuir, 2019, 35, 9115-9132.	1.6	70
7	Carbon Dots: A Future Blood–Brain Barrier Penetrating Nanomedicine and Drug Nanocarrier. International Journal of Nanomedicine, 2021, Volume 16, 5003-5016.	3.3	64
8	Carbon Nitride Dots: A Selective Bioimaging Nanomaterial. Bioconjugate Chemistry, 2019, 30, 111-123.	1.8	62
9	Photoluminescent Carbon Dots: A Mixture of Heterogeneous Fractions. ChemPhysChem, 2018, 19, 2589-2597.	1.0	49
10	Metformin derived carbon dots: Highly biocompatible fluorescent nanomaterials as mitochondrial targeting and blood-brain barrier penetrating biomarkers. Journal of Colloid and Interface Science, 2021, 592, 485-497.	5.0	47
11	Carbon dots and gold nanoparticles based immunoassay for detection of alpha-L-fucosidase. Analytica Chimica Acta, 2018, 1041, 114-121.	2.6	45
12	Photoinduced Electron Transfer in Carbon Dots with Long-Wavelength Photoluminescence. Journal of Physical Chemistry C, 2018, 122, 29507-29515.	1.5	44
13	Facile Synthesis of "Boron-Doped―Carbon Dots and Their Application in Visible-Light-Driven Photocatalytic Degradation of Organic Dyes. Nanomaterials, 2020, 10, 1560.	1.9	40
14	Embedding Carbon Dots in Superabsorbent Polymers for Additive Manufacturing. Polymers, 2018, 10, 921.	2.0	39
15	Direct conjugation of distinct carbon dots as Lego-like building blocks for the assembly of versatile drug nanocarriers. Journal of Colloid and Interface Science, 2020, 576, 412-425.	5.0	35
16	Drug delivery of memantine with carbon dots for Alzheimer's disease: blood–brain barrier penetration and inhibition of tau aggregation. Journal of Colloid and Interface Science, 2022, 617, 20-31.	5.0	35
17	The use of nanotechnology to combat liver cancer: Progress and perspectives. Biochimica Et Biophysica Acta: Reviews on Cancer, 2021, 1876, 188621.	3.3	23
18	Gel-like carbon dots: A high-performance future photocatalyst. Journal of Colloid and Interface Science, 2021, 599, 519-532.	5.0	22

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#	Article	IF	CITATIONS
19	Close-Packed Langmuir Monolayers of Saccharide-Based Carbon Dots at the Air–Subphase Interface. Langmuir, 2019, 35, 6708-6718.	1.6	21
20	Structure-activity relationship of carbon nitride dots in inhibiting Tau aggregation. Carbon, 2022, 193, 1-16.	5.4	20
21	Tyrosinase enzyme Langmuir monolayer: Surface chemistry and spectroscopic study. Journal of Colloid and Interface Science, 2020, 564, 254-263.	5.0	18
22	Surface chemistry and spectroscopic studies of the native phenylalanine dehydrogenase Langmuir monolayer at the air/aqueous NaCl interface. Journal of Colloid and Interface Science, 2020, 560, 458-466.	5.0	16
23	Rose Bengal Photodynamic Antimicrobial Therapy: A Pilot Safety Study. Cornea, 2021, 40, 1036-1043.	0.9	12
24	Detection of singlet oxygen luminescence for experimental corneal rose bengal photodynamic antimicrobial therapy. Biomedical Optics Express, 2021, 12, 272.	1.5	11
25	Development of Red-Emissive Carbon Dots for Bioimaging through a Building Block Approach: Fundamental and Applied Studies. Bioconjugate Chemistry, 2022, 33, 226-237.	1.8	11
26	Rose Bengal and Riboflavin Mediated Photodynamic Antimicrobial Therapy Against Selected South Florida <i>Nocardia</i> Keratitis Isolates. Translational Vision Science and Technology, 2022, 11, 29.	1.1	6
27	DFMO Carbon Dots for Treatment of Neuroblastoma and Bioimaging. ACS Applied Bio Materials, 2022, 5, 3300-3309.	2.3	6
28	Surface Chemistry Studies on the Formation of Mixed Stearic Acid/Phenylalanine Dehydrogenase Langmuir and Langmuir–Blodgett Films. Langmuir, 2021, 37, 7771-7779.	1.6	1