

Keenan J Mintz

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1049944/publications.pdf>

Version: 2024-02-01

28
papers

1,546
citations

393982

19
h-index

500791

28
g-index

28
all docs

28
docs citations

28
times ranked

1697
citing authors

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

#	ARTICLE	IF	CITATIONS
19	Close-Packed Langmuir Monolayers of Saccharide-Based Carbon Dots at the Air–Subphase Interface. <i>Langmuir</i> , 2019, 35, 6708-6718.	1.6	21
20	Structure-activity relationship of carbon nitride dots in inhibiting Tau aggregation. <i>Carbon</i> , 2022, 193, 1-16.	5.4	20
21	Tyrosinase enzyme Langmuir monolayer: Surface chemistry and spectroscopic study. <i>Journal of Colloid and Interface Science</i> , 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. <i>Journal of Colloid and Interface Science</i> , 2020, 560, 458-466.	5.0	16
23	Rose Bengal Photodynamic Antimicrobial Therapy: A Pilot Safety Study. <i>Cornea</i> , 2021, 40, 1036-1043.	0.9	12
24	Detection of singlet oxygen luminescence for experimental corneal rose bengal photodynamic antimicrobial therapy. <i>Biomedical Optics Express</i> , 2021, 12, 272.	1.5	11
25	Development of Red-Emissive Carbon Dots for Bioimaging through a Building Block Approach: Fundamental and Applied Studies. <i>Bioconjugate Chemistry</i> , 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. <i>Translational Vision Science and Technology</i> , 2022, 11, 29.	1.1	6
27	DFMO Carbon Dots for Treatment of Neuroblastoma and Bioimaging. <i>ACS Applied Bio Materials</i> , 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. <i>Langmuir</i> , 2021, 37, 7771-7779.	1.6	1