Tristan Clemons

List of Publications by Year
in descending order

44 papers	1,030 citations	471509 17 h-index	434195 31 g-index
45 all docs	45 docs citations	45 times ranked	1724 citing authors

#	Article	IF	Citations
1	Distinction Between Active and Passive Targeting of Nanoparticles Dictate Their Overall Therapeutic Efficacy. Langmuir, 2018, 34, 15343-15349.	3.5	120
2	Multimodal Analysis of PEI-Mediated Endocytosis of Nanoparticles in Neural Cells. ACS Nano, 2011, 5, 8640-8648.	14.6	83
3	Semiconductor Quantum Dots Are Efficient and Recyclable Photocatalysts for Aqueous PET-RAFT Polymerization. ACS Macro Letters, 2020, 9, 7-13.	4.8	73
4	Nanoparticle-Mediated Dual Delivery of an Antioxidant and a Peptide against the L-Type Ca²⁺ Channel Enables Simultaneous Reduction of Cardiac Ischemia-Reperfusion Injury. ACS Nano, 2015, 9, 279-289.	14.6	64
5	Coherency image analysis to quantify collagen architecture: implications in scar assessment. RSC Advances, 2018, 8, 9661-9669.	3.6	64
6	Design of materials with supramolecular polymers. Progress in Polymer Science, 2020, 111, 101310.	24.7	61
7	Proapoptotic Peptide Brush Polymer Nanoparticles via Photoinitiated Polymerizationâ€Induced Selfâ€Assembly. Angewandte Chemie - International Edition, 2020, 59, 19136-19142.	13.8	49
8	Allomelanin: A Biopolymer of Intrinsic Microporosity. Journal of the American Chemical Society, 2021, 143, 4005-4016.	13.7	41
9	In vivo Imaging and Biodistribution of Multimodal Polymeric Nanoparticles Delivered to the Optic Nerve. Small, 2012, 8, 1579-1589.	10.0	40
10	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.	3.3	36
11	Peptide Amphiphile Supramolecular Nanostructures as a Targeted Therapy for Atherosclerosis. Macromolecular Bioscience, 2019, 19, e1900066.	4.1	29
12	Superstructured Biomaterials Formed by Exchange Dynamics and Hostâ€“Guest Interactions in Supramolecular Polymers. Advanced Science, 2021, 8, 2004042.	11.2	29
13	Examining Efficacy of â€œTAT-lessâ€•Delivery of a Peptide against the L-Type Calcium Channel in Cardiac Ischemiaâ€“Reperfusion Injury. ACS Nano, 2013, 7, 2212-2220.	14.6	28
14	Development of Optimized Tissue-Factor-Targeted Peptide Amphiphile Nanofibers to Slow Noncompressible Torso Hemorrhage. ACS Nano, 2020, 14, 6649-6662.	14.6	28
15	RNA Interference Using c-Mycâ€“Conjugated Nanoparticles Suppresses Breast and Colorectal Cancer Models. Molecular Cancer Therapeutics, 2015, 14, 1259-1269.	4.1	26
16	Manipulating directional cell motility using intracellular superparamagnetic nanoparticles. Nanoscale, 2015, 7, 4884-4889.	5.6	25
17	Introducing the First Year Laboratory to Undergraduate Chemistry Students with an Interactive 360Â° Experience. Journal of Chemical Education, 2019, 96, 1491-1496.	2.3	21
18	Transforming Growth Factor Î²-1 Binding by Peptide Amphiphile Hydrogels. ACS Biomaterials Science and Engineering, 2020, 6, 4551-4560.	5.2	19

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19	Intracellular speciation of gold nanorods alters the conformational dynamics of genomic DNA. Nature Nanotechnology, 2018, 13, 1148-1153.	31.5	16
20	Supramolecular and Hybrid Bonding Polymers. Israel Journal of Chemistry, 2020, 60, 124-131.	2.3	15
21	Bottomâ€Up versus Topâ€Down Strategies for Morphology Control in Polymerâ€Based Biomedical Materials. Advanced NanoBiomed Research, 2022, 2, 2100087.	3.6	15
22	Novel Hydrophilic Copolymer-Based Nanoparticle Enhances the Therapeutic Efficiency of Doxorubicin in Cultured MCF-7 Cells. ACS Omega, 2019, 4, 17083-17089.	3.5	14
23	Multimodal and multifunctional stealth polymer nanospheres for sustained drug delivery. New Journal of Chemistry, 2012, 36, 1457.	2.8	12
24	Prepare, Do, Review: a model used to reduce the negative feelings towards laboratory classes in an introductory chemistry undergraduate unit. Chemistry Education Research and Practice, 2017, 18, 26-44.	2.5	12
25	Sand training: Exerciseâ€induced muscle damage and inflammatory responses to matchedâ€intensity exercise. European Journal of Sport Science, 2017, 17, 741-747.	2.7	10
26	Proapoptotic Peptide Brush Polymer Nanoparticles via Photoinitiated Polymerizationâ€Induced Selfâ€Assembly. Angewandte Chemie, 2020, 132, 19298-19304.	2.0	10
27	Study of induced structural, optical and electrochemical properties of Poly(3-hexylthiophene) (P3HT), [6,6]-phenyl-C61-butyric-acid-methyl-ester (PCBM) and their blend as an effect of graphene doping. Journal of Physics and Chemistry of Solids, 2021, 148, 109644.	4.0	10
28	Intravenous Delivery of Lungâ€Targeted Nanofibers for Pulmonary Hypertension in Mice. Advanced Healthcare Materials, 2021, 10, e2100302.	7.6	10
29	A Perspective on the History and Current Opportunities of Aqueous RAFT Polymerization. Macromolecular Rapid Communications, 2022, 43, .	3.9	8
30	Selfâ€Assembling Nanofibers Inhibit Inflammation in a Murine Model of Crohn'sâ€Diseaseâ€Like Ileitis. Advanced Therapeutics, 2021, 4, 2000274.	3.2	7
31	Selfâ€Assembled Peptide Amphiphile Nanofibers for Controlled Therapeutic Delivery to the Atherosclerotic Niche. Advanced Therapeutics, 2021, 4, 2100103.	3.2	6
32	The impact of several demographic factors on chemistry laboratory anxiety and self-efficacy in studentsâ€™ first year of university. Student Success, 2019, 10, 87-98.	0.8	6
33	Peptide Amphiphile Supramolecular Nanofibers Designed to Target Abdominal Aortic Aneurysms. ACS Nano, 2022, 16, 7309-7322.	14.6	6
34	Development of novel nanofibers targeted to smoke-injured lungs. Biomaterials, 2021, 274, 120862.	11.4	5
35	Enhanced Detection of Desmoplasia by Targeted Delivery of Iron Oxide Nanoparticles to the Tumour-Specific Extracellular Matrix. Pharmaceutics, 2021, 13, 1663.	4.5	5
36	Manipulating Cellular Interactions of Poly(glycidyl methacrylate) Nanoparticles Using Mixed Polymer Brushes. ACS Macro Letters, 2016, 5, 1132-1136.	4.8	4

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37	A comparison of haemolytic responses in fore-foot and rear-foot distance runners. Journal of Sports Sciences, 2016, 34, 1485-1490.	2.0	4
38	Multifunctional nanoadditives for the thermodynamic and kinetic stabilization of enzymes. Nanoscale, 2011, 3, 4085.	5.6	3
39	An improved assay for the spectrophotometric determination of chondroitinase ABC activity. New Journal of Chemistry, 2013, 37, 1944.	2.8	3
40	Regulation of collagen expression using nanoparticle mediated inhibition of TGF-Î² activation. New Journal of Chemistry, 2016, 40, 1091-1095.	2.8	3
41	Synthetic copolymer conjugates of docetaxel and in vitro assessment of anticancer efficacy. New Journal of Chemistry, 2020, 44, 20013-20020.	2.8	3
42	The Design and Testing of Multifunctional Nanoparticles for Drug Delivery Applications. , 2016, , 1-60.		1
43	My Best Friend, Self-Doubt. Matter, 2020, 2, 7-9.	10.0	0
44	Hierarchical Superstructures: Superstructured Biomaterials Formed by Exchange Dynamics and Hostâ€“Guest Interactions in Supramolecular Polymers (Adv. Sci. 8/2021). Advanced Science, 2021, 8, 2170045.	11.2	0