

Suresh Gadde

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

61
papers

3,672
citations

35
h-index

60
g-index

66
ext. papers

4,199
ext. citations

6.5
avg, IF

5.12
L-index

#	Paper	IF	Citations
61	The entry of nanoparticles into solid tumours. <i>Nature Materials</i> , 2020 , 19, 566-575	27	558
60	Tumour-associated macrophages act as a slow-release reservoir of nano-therapeutic Pt(IV) pro-drug. <i>Nature Communications</i> , 2015 , 6, 8692	17.4	281
59	Predicting therapeutic nanomedicine efficacy using a companion magnetic resonance imaging nanoparticle. <i>Science Translational Medicine</i> , 2015 , 7, 314ra183	17.5	225
58	Control of H- and J-aggregate formation via host-guest complexation using cucurbituril hosts. <i>Journal of the American Chemical Society</i> , 2008 , 130, 17114-9	16.4	163
57	Development and in vivo efficacy of targeted polymeric inflammation-resolving nanoparticles. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 6506-11	11.5	153
56	Targeted Interleukin-10 Nanotherapeutics Developed with a Microfluidic Chip Enhance Resolution of Inflammation in Advanced Atherosclerosis. <i>ACS Nano</i> , 2016 , 10, 5280-92	16.7	120
55	Studies on Covalently Linked Porphyrin π 60 Dyads: Stabilization of Charge-Separated States by Axial Coordination. <i>Journal of Physical Chemistry A</i> , 2002 , 106, 12393-12404	2.8	111
54	Ternary complexes comprising cucurbit[10]uril, porphyrins, and guests. <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 2657-60	16.4	92
53	Supramolecular porphyrin-fullerene via 'two-point' binding strategy: axial-coordination and cation-crown ether complexation. <i>Chemical Communications</i> , 2005 , 1279-81	5.8	85
52	Supramolecular Triads Formed by Axial Coordination of Fullerene to Covalently Linked Zinc Porphyrin π ferrocene(s): Design, Syntheses, Electrochemistry, and Photochemistry. <i>Journal of Physical Chemistry B</i> , 2004 , 108, 11333-11343	3.4	82
51	Effect of axial ligation or pi-pi-type interactions on photochemical charge stabilization in "two-point" bound supramolecular porphyrin-fullerene conjugates. <i>Chemistry - A European Journal</i> , 2005 , 11, 4416-28	4.8	81
50	Multi-triphenylamine-substituted porphyrin-fullerene conjugates as charge stabilizing "antenna-reaction center" mimics. <i>Journal of Physical Chemistry A</i> , 2007 , 111, 8552-60	2.8	75
49	Photosynthetic reaction center mimicry of a "special pair" dimer linked to electron acceptors by a supramolecular approach: self-assembled cofacial zinc porphyrin dimer complexed with fullerene(s). <i>Chemistry - A European Journal</i> , 2007 , 13, 916-22	4.8	72
48	Multiple photosynthetic reaction centres composed of supramolecular assemblies of zinc porphyrin dendrimers with a fullerene acceptor. <i>Chemical Communications</i> , 2011 , 47, 7980-2	5.8	69
47	Self-assembled via axial coordination magnesium porphyrin-imidazole appended fullerene dyad: spectroscopic, electrochemical, computational, and photochemical studies. <i>Journal of Physical Chemistry B</i> , 2005 , 109, 10107-14	3.4	69
46	Multi-drug delivery nanocarriers for combination therapy. <i>MedChemComm</i> , 2015 , 6, 1916-1929	5	67
45	Design and studies on supramolecular ferrocene-porphyrin-fullerene constructs for generating long-lived charge separated states. <i>Journal of Physical Chemistry B</i> , 2006 , 110, 25240-50	3.4	66

44	Supramolecular complex composed of a covalently linked zinc porphyrin dimer and fulleropyrrolidine bearing two axially coordinating pyridine entities. <i>Chemical Communications</i> , 2004 , 2276-7	5.8	64
43	Synergistic cytotoxicity of irinotecan and cisplatin in dual-drug targeted polymeric nanoparticles. <i>Nanomedicine</i> , 2013 , 8, 687-98	5.6	62
42	Controlling the formation of cyanine dye H- and J-aggregates with cucurbituril hosts in the presence of anionic polyelectrolytes. <i>Chemistry - A European Journal</i> , 2009 , 15, 6025-31	4.8	61
41	Nanoparticles containing a liver X receptor agonist inhibit inflammation and atherosclerosis. <i>Advanced Healthcare Materials</i> , 2015 , 4, 228-36	10.1	56
40	An autocrine inflammatory forward-feedback loop after chemotherapy withdrawal facilitates the repopulation of drug-resistant breast cancer cells. <i>Cell Death and Disease</i> , 2017 , 8, e2932	9.8	55
39	Delivery of MicroRNAs by Chitosan Nanoparticles to Functionally Alter Macrophage Cholesterol Efflux in Vitro and in Vivo. <i>ACS Nano</i> , 2019 , 13, 6491-6505	16.7	54
38	Cucurbituril Complexes of Redox Active Guests. <i>Current Organic Chemistry</i> , 2011 , 15, 27-38	1.7	52
37	High resolution characterization of engineered nanomaterial dispersions in complex media using tunable resistive pulse sensing technology. <i>ACS Nano</i> , 2014 , 8, 9003-15	16.7	48
36	Spectral, electrochemical, and photophysical studies of a magnesium porphyrin-fullerene dyad. <i>Physical Chemistry Chemical Physics</i> , 2005 , 7, 3163-71	3.6	47
35	Electrochemistry of the inclusion complexes formed between the cucurbit[7]uril host and several cationic and neutral ferrocene derivatives. <i>Langmuir</i> , 2009 , 25, 13763-9	4	46
34	Langmuir-Blodgett films of a cationic zinc porphyrin-imidazole-functionalized fullerene dyad: formation and photoelectrochemical studies. <i>Langmuir</i> , 2007 , 23, 1917-23	4	45
33	Design, syntheses, and studies of supramolecular porphyrin-fullerene conjugates, using bis-18-crown-6 appended porphyrins and pyridine or alkyl ammonium functionalized fullerenes. <i>Journal of Physical Chemistry B</i> , 2006 , 110, 5905-13	3.4	44
32	Nanoparticles for Targeted and Temporally Controlled Drug Delivery. <i>Nanostructure Science and Technology</i> , 2012 , 9-29	0.9	43
31	Dual inhibition of Wnt and Yes-associated protein signaling retards the growth of triple-negative breast cancer in both mesenchymal and epithelial states. <i>Molecular Oncology</i> , 2018 , 12, 423-440	7.9	39
30	Multiple photosynthetic reaction centres using zinc porphyrinic oligopeptide-fulleropyrrolidine supramolecular complexes. <i>Physical Chemistry Chemical Physics</i> , 2011 , 13, 17019-22	3.6	39
29	Light-Induced Electron Transfer of a Supramolecular Bis(Zinc Porphyrin)Fullerene Triad Constructed via a Diacetylamidopyridine/Uracil Hydrogen-Bonding Motif. <i>Journal of Physical Chemistry C</i> , 2007 , 111, 12500-12503	3.8	39
28	Potassium ion controlled switching of intra- to intermolecular electron transfer in crown ether appended free-base porphyrin-fullerene donor-acceptor systems. <i>Journal of Physical Chemistry A</i> , 2006 , 110, 4338-47	2.8	39
27	Supramolecular triads bearing porphyrin and fullerene via two-point binding involving coordination and hydrogen bonding. <i>Tetrahedron</i> , 2006 , 62, 1967-1978	2.4	36

26	Mediated electrochemical oxidation of a fully encapsulated redox active center. <i>Journal of the American Chemical Society</i> , 2009 , 131, 12876-7	16.4	35
25	Self-assembled supramolecular triad composed of fulleropyrrolidine bearing two pyridine moieties axially coordinated to two zinc porphyrins. <i>Journal of Porphyrins and Phthalocyanines</i> , 2003 , 07, 1-7	1.8	34
24	Electrochemistry of Redox Active Centres Encapsulated by Non-Covalent Methods. <i>Australian Journal of Chemistry</i> , 2010 , 63, 184	1.2	31
23	Co-inhibition of mTORC1, HDAC and ESR1 retards the growth of triple-negative breast cancer and suppresses cancer stem cells. <i>Cell Death and Disease</i> , 2018 , 9, 815	9.8	27
22	Nanomedicine Meets microRNA: Current Advances in RNA-Based Nanotherapies for Atherosclerosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2016 , 36, e73-9	9.4	26
21	Electron transfer switching in supramolecular porphyrin-fullerene conjugates held by alkylammonium cation-crown ether binding. <i>Chemical Communications</i> , 2006 , 4327-9	5.8	25
20	Redox Active Two-Component Films of Palladium and Covalently Linked Zinc Porphyrin Fullerene Dyad. <i>Electroanalysis</i> , 2006 , 18, 841-848	3	24
19	Photophysical studies of supramolecular triads involving zinc naphthalocyanines and pyridylfullerenes with a second electron donor. <i>Journal of Porphyrins and Phthalocyanines</i> , 2006 , 10, 1156-1164 ²⁴	1.8	24
18	Self-Assembled Supramolecular Ferrocene Fullerene Dyads and Triad: Formation and Photoinduced Electron Transfer. <i>Journal of Physical Chemistry C</i> , 2008 , 112, 2222-2229	3.8	23
17	Development of therapeutic polymeric nanoparticles for the resolution of inflammation. <i>Advanced Healthcare Materials</i> , 2014 , 3, 1448-1456	10.1	22
16	Supramolecular Triads of Free-Base Porphyrin, Fullerene, and Ferric Porphyrins via the Covalent-Coordinate Binding Approach: Formation, Sequential Electron Transfer, and Charge Stabilization. <i>Journal of Physical Chemistry C</i> , 2007 , 111, 11123-11130	3.8	20
15	Photoinduced electron transfer in a Watson-Crick base-paired, 2-aminopurine:uracil-C60 hydrogen bonding conjugate. <i>Chemical Communications</i> , 2007 , 480-2	5.8	20
14	Liposome Imaging in Optically Cleared Tissues. <i>Nano Letters</i> , 2020 , 20, 1362-1369	11.5	17
13	A supramolecular Star Wars Tie Fighter Ship: electron transfer in a self-assembled triad composed of two zinc naphthalocyanines and a fullerene. <i>Journal of Porphyrins and Phthalocyanines</i> , 2005 , 09, 698-705	1.8	17
12	Ternary Complexes Comprising Cucurbit[10]uril, Porphyrins, and Guests. <i>Angewandte Chemie</i> , 2008 , 120, 2697-2700	3.6	16
11	Co-targeting Bulk Tumor and CSCs in Clinically Translatable TNBC Patient-Derived Xenografts via Combination Nanotherapy. <i>Molecular Cancer Therapeutics</i> , 2019 , 18, 1755-1764	6.1	11
10	Host-guest control on the formation of pinacyanol chloride H-aggregates in anionic polyelectrolyte solutions. <i>Supramolecular Chemistry</i> , 2010 , 22, 40-45	1.8	11
9	X-ray structural and DFT computational studies of a self-assembled via axial coordination magnesium porphyrin-fullerene conjugate. <i>Journal of Porphyrins and Phthalocyanines</i> , 2005 , 09, 691-697	1.8	11

8	A triple-drug nanotherapy to target breast cancer cells, cancer stem cells, and tumor vasculature. <i>Cell Death and Disease</i> , 2021 , 12, 8	9.8	9
7	Dimerization of aromatic ureido pyrimidinedione derivatives: observation of an unexpected tautomer in the solid state. <i>Chemical Communications</i> , 2008 , 1446-8	5.8	8
6	Two-component polymer films of palladium and fullerene with covalently linked crown ether voids: effect of cation binding on the redox behavior. <i>Journal of Solid State Electrochemistry</i> , 2012 , 16, 65-74	2.6	7
5	Characterization of Redox-Responsive LXR-Activating Nanoparticle Formulations in Primary Mouse Macrophages. <i>Molecules</i> , 2019 , 24,	4.8	5
4	Self assembling of porphyrin-fullerene dyads in the Langmuir and Langmuir-Blodgett films: formation as well as spectral, electrochemical and vectorial electron transfer studies. <i>Journal of Nanoscience and Nanotechnology</i> , 2007 , 7, 1455-71	1.3	5
3	Foam Cell Induction Activates AMPK But Uncouples Its Regulation of Autophagy and Lysosomal Homeostasis. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	3
2	Review Two Different Multiple Photosynthetic Reaction Centers Using Either Zinc Porphyrinic Oligopeptide-Fulleropyrrolidine or Free-Base Porphyrinic Polypeptide-Li ⁺ @C60 Supramolecular Complexes. <i>ECS Journal of Solid State Science and Technology</i> , 2020 , 9, 061026	2	2
1	Nanoparticles Loaded with Wnt and YAP/Mevalonate Inhibitors in Combination with Paclitaxel Stop the Growth of TNBC Patient-Derived Xenografts and Diminish Tumorigenesis. <i>Advanced Therapeutics</i> , 2020 , 3, 2000123	4.9	1