

Amit Sharma

List of Publications by Citations

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Version: 2024-04-28

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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.

58
papers

3,505
citations

25
h-index

59
g-index

59
ext. papers

4,680
ext. citations

15.9
avg, IF

5.78
L-index

#	Paper	IF	Citations
58	Organic molecule-based photothermal agents: an expanding photothermal therapy universe. <i>Chemical Society Reviews</i> , 2018 , 47, 2280-2297	58.5	626
57	Emerging two-dimensional monoelemental materials (Xenes) for biomedical applications. <i>Chemical Society Reviews</i> , 2019 , 48, 2891-2912	58.5	345
56	Fluorescent bioimaging of pH: from design to applications. <i>Chemical Society Reviews</i> , 2017 , 46, 2076-2096	58.5	322
55	Multifunctional sonosensitizers in sonodynamic cancer therapy. <i>Chemical Society Reviews</i> , 2020 , 49, 3244-3261	58.5	220
54	Hypoxia-targeted drug delivery. <i>Chemical Society Reviews</i> , 2019 , 48, 771-813	58.5	210
53	Fluorogenic reaction-based prodrug conjugates as targeted cancer theranostics. <i>Chemical Society Reviews</i> , 2018 , 47, 28-52	58.5	197
52	Revisiting Fluorescent Calixarenes: From Molecular Sensors to Smart Materials. <i>Chemical Reviews</i> , 2019 , 119, 9657-9721	68.1	176
51	Super-resolution fluorescent materials: an insight into design and bioimaging applications. <i>Chemical Society Reviews</i> , 2016 , 45, 4651-67	58.5	139
50	Rational design of a multifunctional molecular dye for dual-modal NIR-II/photoacoustic imaging and photothermal therapy. <i>Chemical Science</i> , 2019 , 10, 8348-8353	9.4	95
49	In Vivo imaging of Galactosidase stimulated activity in hepatocellular carcinoma using ligand-targeted fluorescent probe. <i>Biomaterials</i> , 2017 , 122, 83-90	15.6	82
48	Design and applications of fluorescent detectors for peroxyxynitrite. <i>Coordination Chemistry Reviews</i> , 2018 , 374, 36-54	23.2	78
47	A nano-cocktail of an NIR-II emissive fluorophore and organoplatinum(ii) metallacycle for efficient cancer imaging and therapy. <i>Chemical Science</i> , 2019 , 10, 7023-7028	9.4	67
46	Chemiluminescent Probe for the In Vitro and In Vivo Imaging of Cancers Over-Expressing NQO1. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 1739-1743	16.4	65
45	NIR-II emissive multifunctional AIEgen with single laser-activated synergistic photodynamic/photothermal therapy of cancers and pathogens. <i>Biomaterials</i> , 2020 , 259, 120315	15.6	61
44	Nanomaterial designing strategies related to cell lysosome and their biomedical applications: A review. <i>Biomaterials</i> , 2019 , 211, 25-47	15.6	57
43	Development of a theranostic prodrug for colon cancer therapy by combining ligand-targeted delivery and enzyme-stimulated activation. <i>Biomaterials</i> , 2018 , 155, 145-151	15.6	57
42	Overcoming Drug Resistance by Targeting Cancer Bioenergetics with an Activatable Prodrug. <i>Chem</i> , 2018 , 4, 2370-2383	16.2	52

41	Fluorescent Probes for Nanoscopic Imaging of Mitochondria. <i>Chem</i> , 2019 , 5, 1697-1726	16.2	51
40	An AIE-Based Probe for Rapid and Ultrasensitive Imaging of Plasma Membranes in Biosystems. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 9962-9966	16.4	50
39	Targeting Heterogeneous Tumors Using a Multifunctional Molecular Prodrug. <i>Journal of the American Chemical Society</i> , 2019 , 141, 15611-15618	16.4	49
38	New sulfur bridged neutral annulenes. Structure, physical properties and applications in organic field-effect transistors. <i>Chemical Communications</i> , 2011 , 47, 905-7	5.8	41
37	Advanced biotechnology-assisted precise sonodynamic therapy. <i>Chemical Society Reviews</i> , 2021 , 50, 11233-11248	37.1	48
36	Azo-based small molecular hypoxia responsive theranostic for tumor-specific imaging and therapy. <i>Journal of Controlled Release</i> , 2018 , 288, 14-22	11.7	35
35	COX-2 Inhibition mediated anti-angiogenic activatable prodrug potentiates cancer therapy in preclinical models. <i>Biomaterials</i> , 2018 , 185, 63-72	15.6	28
34	Unique versatility of Amberlyst 15. An acid and solvent-free paradigm towards synthesis of bis(heterocycl) methane derivatives. <i>Journal of Molecular Catalysis A</i> , 2011 , 347, 34-37		27
33	An Ethacrynic Acid-Brominated BODIPY Photosensitizer (EA-BPS) Construct Enhances the Lethality of Reactive Oxygen Species in Hypoxic Tumor-Targeted Photodynamic Therapy. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 3196-3204	16.4	24
32	Multifunctional Fluorescent Nanoprobe for Sequential Detections of Hg Ions and Biothiols in Live Cells.. <i>ACS Applied Bio Materials</i> , 2018 , 1, 871-878	4.1	23
31	Indomethacin-guided cancer selective prodrug conjugate activated by histone deacetylase and tumour-associated protease. <i>Chemical Communications</i> , 2016 , 52, 9965-8	5.8	23
30	Organic fluorescent probes for stochastic optical reconstruction microscopy (STORM): Recent highlights and future possibilities. <i>Coordination Chemistry Reviews</i> , 2019 , 380, 17-34	23.2	21
29	Chemiluminescent Probe for the In Vitro and In Vivo Imaging of Cancers Over-Expressing NQO1. <i>Angewandte Chemie</i> , 2019 , 131, 1753-1757	3.6	20
28	A far-red, photo- and bio-stable fluorescent marker selective to the endoplasmic reticulum and its application to tunicamycin-treated HeLa cells. <i>Chemical Communications</i> , 2016 , 52, 7134-7	5.8	17
27	Glycyrrhetic acid as a hepatocyte targeting unit for an anticancer drug delivery system with enhanced cell type selectivity. <i>Chemical Communications</i> , 2018 , 54, 12353-12356	5.8	17
26	Recent Advances in Synthesis and Antifungal Activity of 1,3,5-triazines. <i>Current Organic Synthesis</i> , 2016 , 13, 484-503	1.9	15
25	Monoamine oxidase-A targeting probe for prostate cancer imaging and inhibition of metastasis. <i>Chemical Communications</i> , 2019 , 55, 13267-13270	5.8	14
24	Calix[n]triazoles and Related Conformational Studies. <i>Organic Letters</i> , 2017 , 19, 5509-5512	6.2	13

23	Direct readout protonophore induced selective uncoupling and dysfunction of individual mitochondria within cancer cells. <i>Chemical Communications</i> , 2019 , 55, 6429-6432	5.8	12
22	A Concise and Efficient Synthesis of Substituted Morpholines. <i>Synthesis</i> , 2015 , 47, 712-720	2.9	12
21	Targeted tumor detection: guidelines for developing biotinylated diagnostics. <i>Chemical Communications</i> , 2017 , 53, 2154-2157	5.8	11
20	Molecular theranostic based on esterase-mediated drug activation for hepatocellular carcinoma. <i>Dyes and Pigments</i> , 2019 , 163, 628-633	4.6	11
19	Side-Chain Engineering of Diketopyrrolopyrrole-Based Hole-Transport Materials to Realize High-Efficiency Perovskite Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 7405-7415	9.5	11
18	Real time OFFON monitoring of glutathione (GSH) in living cell. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2015 , 82, 117-122	1.7	10
17	An unprecedented regioselective lithiation of dipyrromethanes. Synthesis of meso-functionalized dipyrromethanes. <i>Tetrahedron Letters</i> , 2007 , 48, 227-229	2	9
16	A pH-Responsive Glycyrrhetic-Acid-Modified Small-Molecule Conjugate for NIR Imaging of Hepatocellular Carcinoma (HCC). <i>ChemBioChem</i> , 2019 , 20, 614-620	3.8	8
15	Heteroporphyrins: Synthesis and Structural Modifications. <i>Advances in Heterocyclic Chemistry</i> , 2012 , 106, 111-184	2.4	7
14	Highly regioselective lithiation of inter-ring carbon of bis(thien-2-yl)methane: a general meso-elaboration protocol. <i>Tetrahedron</i> , 2010 , 66, 3682-3686	2.4	7
13	Crown ether-appended calix[2]triazolium[2]arene as a macrocyclic receptor for the recognition of the HPO anion. <i>Chemical Communications</i> , 2020 , 56, 1038-1041	5.8	7
12	Selective lithiation of bis(furan-2-yl)methane: an efficient protocol for novel meso-functionalised synthons. <i>Tetrahedron Letters</i> , 2008 , 49, 6234-6236	2	6
11	Efficient Synthesis of Bis(heterocycl)methanes. <i>Synthetic Communications</i> , 2011 , 41, 3491-3496	1.7	5
10	Harnessing α -fucosidase for cellular senescence imaging. <i>Chemical Science</i> , 2021 , 12, 10054-10062	9.4	5
9	A Fluorescent Cy7-Mercaptopyridine for the Selective Detection of Glutathione over Homocysteine and Cysteine. <i>Sensors</i> , 2018 , 18,	3.8	5
8	Mitochondria-targeted nanotheranostic: Harnessing single-laser-activated dual phototherapeutic processing for hypoxic tumor treatment. <i>Matter</i> , 2021 , 4, 2508-2521	12.7	5
7	Discovery and Development of SPR519 as a Potent, Selective, and Orally Bioavailable Inhibitor of PI3K and mTOR Kinases for the Treatment of Solid Tumors. <i>Journal of Medicinal Chemistry</i> , 2020 , 63, 11121-11130	8.3	4
6	Fluorescent Probe for Monitoring Hydrogen Peroxide in COX-2-Positive Cancer Cells.. <i>ACS Applied Bio Materials</i> , 2021 , 4, 2073-2079	4.1	4

5	Synthesis of meso-Aryl Substituted Porphyrins: Simple and High Yielding Modification of the Adler Procedure. <i>Letters in Organic Chemistry</i> , 2007 , 4, 374-377	0.6	3
4	An Ethacrynic Acid-Brominated BODIPY Photosensitizer (EA-BPS) Construct Enhances the Lethality of Reactive Oxygen Species in Hypoxic Tumor-Targeted Photodynamic Therapy. <i>Angewandte Chemie</i> , 2021 , 133, 3233-3241	3.6	3
3	Binary Prodrug of Dichloroacetic Acid and Doxorubicin with Enhanced Anticancer Activity.. <i>ACS Applied Bio Materials</i> , 2021 , 4, 2026-2032	4.1	2
2	Regioselective, Direct meso-Functionalization of Sulfur-Bridged 5,16-Dihydro[22]annulene(2.1.2.1). <i>European Journal of Organic Chemistry</i> , 2014 , 2014, 381-386	3.2	0
1	An AIE-Based Probe for Rapid and Ultrasensitive Imaging of Plasma Membranes in Biosystems. <i>Angewandte Chemie</i> , 2020 , 132, 10048-10052	3.6	0