Amit Sharma

List of Publications by Year in Descending Order

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	Binary Prodrug of Dichloroacetic Acid and Doxorubicin with Enhanced Anticancer Activity.. *ACS Applied Bio Materials*, **2021**, 4, 2026-2032	4.1	2
57	An Ethacrynic Acid-Brominated BODIPY Photosensitizer (EA-BPS) Construct Enhances the Lethality of Reactive Oxygen Species in Hypoxic Tumor-Targeted Photodynamic Therapy. *Angewandte Chemie - International Edition*, **2021**, 60, 3196-3204	16.4	24
56	Fluorescent Probe for Monitoring Hydrogen Peroxide in COX-2-Positive Cancer Cells.. *ACS Applied Bio Materials*, **2021**, 4, 2073-2079	4.1	4
55	An Ethacrynic Acid-Brominated BODIPY Photosensitizer (EA-BPS) Construct Enhances the Lethality of Reactive Oxygen Species in Hypoxic Tumor-Targeted Photodynamic Therapy. *Angewandte Chemie*, **2021**, 133, 3233-3241	3.6	3
54	Harnessing β-fucosidase for cellular senescence imaging. *Chemical Science*, **2021**, 12, 10054-10062	9.4	5
53	Advanced biotechnology-assisted precise sonodynamic therapy. *Chemical Society Reviews*, **2021**, 50, 11237-11248	58.5	48
52	Side-Chain Engineering of Diketopyrrolopyrrole-Based Hole-Transport Materials to Realize High-Efficiency Perovskite Solar Cells. *ACS Applied Materials & Interfaces*, **2021**, 13, 7405-7415	9.5	11
51	Mitochondria-targeted nanotheranostic: Harnessing single-laser-activated dual phototherapeutic processing for hypoxic tumor treatment. *Matter*, **2021**, 4, 2508-2521	12.7	5
50	Multifunctional sonosensitizers in sonodynamic cancer therapy. *Chemical Society Reviews*, **2020**, 49, 3244-3261	58.5	220
49	An AIE-Based Probe for Rapid and Ultrasensitive Imaging of Plasma Membranes in Biosystems. *Angewandte Chemie*, **2020**, 132, 10048-10052	3.6	0
48	Crown ether-appended calix[2]triazolium[2]arene as a macrocyclic receptor for the recognition of the HPO anion. *Chemical Communications*, **2020**, 56, 1038-1041	5.8	7
47	NIR-II emissive multifunctional AIEgen with single laser-activated synergistic photodynamic/photothermal therapy of cancers and pathogens. *Biomaterials*, **2020**, 259, 120315	15.6	61
46	Discovery and Development of SPR519 as a Potent, Selective, and Orally Bioavailable Inhibitor of PI3Kδ and mTOR Kinases for the Treatment of Solid Tumors. *Journal of Medicinal Chemistry*, **2020**, 63, 11121-11130	8.3	4
45	An AIE-Based Probe for Rapid and Ultrasensitive Imaging of Plasma Membranes in Biosystems. *Angewandte Chemie - International Edition*, **2020**, 59, 9962-9966	16.4	50
44	Targeting Heterogeneous Tumors Using a Multifunctional Molecular Prodrug. *Journal of the American Chemical Society*, **2019**, 141, 15611-15618	16.4	49
43	Hypoxia-targeted drug delivery. *Chemical Society Reviews*, **2019**, 48, 771-813	58.5	210
42	A nano-cocktail of an NIR-II emissive fluorophore and organoplatinum(ii) metallacycle for efficient cancer imaging and therapy. *Chemical Science*, **2019**, 10, 7023-7028	9.4	67

41	Emerging two-dimensional monoelemental materials (Xenes) for biomedical applications. *Chemical Society Reviews*, **2019**, 48, 2891-2912	58.5	345
40	Direct readout protonophore induced selective uncoupling and dysfunction of individual mitochondria within cancer cells. *Chemical Communications*, **2019**, 55, 6429-6432	5.8	12
39	Fluorescent Probes for Nanoscopic Imaging of Mitochondria. *CheM*, **2019**, 5, 1697-1726	16.2	51
38	Nanomaterial designing strategies related to cell lysosome and their biomedical applications: A review. *Biomaterials*, **2019**, 211, 25-47	15.6	57
37	Revisiting Fluorescent Calixarenes: From Molecular Sensors to Smart Materials. *Chemical Reviews*, **2019**, 119, 9657-9721	68.1	176
36	Rational design of a multifunctional molecular dye for dual-modal NIR-II/photoacoustic imaging and photothermal therapy. *Chemical Science*, **2019**, 10, 8348-8353	9.4	95
35	Monoamine oxidase-A targeting probe for prostate cancer imaging and inhibition of metastasis. *Chemical Communications*, **2019**, 55, 13267-13270	5.8	14
34	Chemiluminescent Probe for the In Vitro and In Vivo Imaging of Cancers Over-Expressing NQO1. *Angewandte Chemie*, **2019**, 131, 1753-1757	3.6	20
33	Molecular theranostic based on esterase-mediated drug activation for hepatocellular carcinoma. *Dyes and Pigments*, **2019**, 163, 628-633	4.6	11
32	Chemiluminescent Probe for the In Vitro and In Vivo Imaging of Cancers Over-Expressing NQO1. *Angewandte Chemie - International Edition*, **2019**, 58, 1739-1743	16.4	65
31	A pH-Responsive Glycyrrhetinic-Acid-Modified Small-Molecule Conjugate for NIR Imaging of Hepatocellular Carcinoma (HCC). *ChemBioChem*, **2019**, 20, 614-620	3.8	8
30	Organic fluorescent probes for stochastic optical reconstruction microscopy (STORM): Recent highlights and future possibilities. *Coordination Chemistry Reviews*, **2019**, 380, 17-34	23.2	21
29	Organic molecule-based photothermal agents: an expanding photothermal therapy universe. *Chemical Society Reviews*, **2018**, 47, 2280-2297	58.5	626
28	Fluorogenic reaction-based prodrug conjugates as targeted cancer theranostics. *Chemical Society Reviews*, **2018**, 47, 28-52	58.5	197
27	Design and applications of fluorescent detectors for peroxynitrite. *Coordination Chemistry Reviews*, **2018**, 374, 36-54	23.2	78
26	Multifunctional Fluorescent Nanoprobe for Sequential Detections of Hg Ions and Biothiols in Live Cells.. *ACS Applied Bio Materials*, **2018**, 1, 871-878	4.1	23
25	Azo-based small molecular hypoxia responsive theranostic for tumor-specific imaging and therapy. *Journal of Controlled Release*, **2018**, 288, 14-22	11.7	35
24	Development of a theranostic prodrug for colon cancer therapy by combining ligand-targeted delivery and enzyme-stimulated activation. *Biomaterials*, **2018**, 155, 145-151	15.6	57

23	Glycyrrhetinic acid as a hepatocyte targeting unit for an anticancer drug delivery system with enhanced cell type selectivity. *Chemical Communications*, **2018**, 54, 12353-12356	5.8	17
22	A Fluorescent Cy7-Mercaptopyridine for the Selective Detection of Glutathione over Homocysteine and Cysteine. *Sensors*, **2018**, 18,	3.8	5
21	Overcoming Drug Resistance by Targeting Cancer Bioenergetics with an Activatable Prodrug. *CheM* , **2018**, 4, 2370-2383	16.2	52
20	COX-2 Inhibition mediated anti-angiogenic activatable prodrug potentiates cancer therapy in preclinical models. *Biomaterials*, **2018**, 185, 63-72	15.6	28
19	In□vivo imaging of □galactosidase stimulated activity in hepatocellular carcinoma using ligand-targeted fluorescent probe. *Biomaterials*, **2017**, 122, 83-90	15.6	82
18	Targeted tumor detection: guidelines for developing biotinylated diagnostics. *Chemical Communications*, **2017**, 53, 2154-2157	5.8	11
17	Fluorescent bioimaging of pH: from design to applications. *Chemical Society Reviews*, **2017**, 46, 2076-2090	58.5	322
16	Calix[n]triazoles and Related Conformational Studies. *Organic Letters*, **2017**, 19, 5509-5512	6.2	13
15	Super-resolution fluorescent materials: an insight into design and bioimaging applications. *Chemical Society Reviews*, **2016**, 45, 4651-67	58.5	139
14	Recent Advances in Synthesis and Antifungal Activity of 1,3,5-triazines. *Current Organic Synthesis*, **2016**, 13, 484-503	1.9	15
13	Indomethacin-guided cancer selective prodrug conjugate activated by histone deacetylase and tumour-associated protease. *Chemical Communications*, **2016**, 52, 9965-8	5.8	23
12	A far-red, photo- and bio-stable fluorescent marker selective to the endoplasmic reticulum and its application to tunicamycin-treated HeLa cells. *Chemical Communications*, **2016**, 52, 7134-7	5.8	17
11	A Concise and Efficient Synthesis of Substituted Morpholines. *Synthesis*, **2015**, 47, 712-720	2.9	12
10	Real time OFF□ON monitoring of gluthathione (GSH) in living cell. *Journal of Inclusion Phenomena and Macrocyclic Chemistry*, **2015**, 82, 117-122	1.7	10
9	Regioselective, Direct meso-Functionalization of Sulfur-Bridged 5,16-Dihydro[22]annulene(2.1.2.1). *European Journal of Organic Chemistry*, **2014**, 2014, 381-386	3.2	0
8	Heteroporphyrins: Synthesis and Structural Modifications. *Advances in Heterocyclic Chemistry*, **2012**, 106, 111-184	2.4	7
7	Efficient Synthesis of Bis(heterocyclyl)methanes. *Synthetic Communications*, **2011**, 41, 3491-3496	1.7	5
6	Unique versatility of Amberlyst 15. An acid and solvent-free paradigm towards synthesis of bis(heterocyclyl)methane derivatives. *Journal of Molecular Catalysis A*, **2011**, 347, 34-37		27

5	New sulfur bridged neutral annulenes. Structure, physical properties and applications in organic field-effect transistors. *Chemical Communications*, **2011**, 47, 905-7	5.8	41
4	Highly regioselective lithiation of inter-ring carbon of bis(thien-2yl)methane: a general meso-elaboration protocol. *Tetrahedron*, **2010**, 66, 3682-3686	2.4	7
3	Selective lithiation of bis(furan-2-yl)methane: an efficient protocol for novel meso-functionalised synthons. *Tetrahedron Letters*, **2008**, 49, 6234-6236	2	6
2	An unprecedented regioselective lithiation of dipyrromethanes. Synthesis of meso-functionalized dipyrromethanes. *Tetrahedron Letters*, **2007**, 48, 227-229	2	9
1	Synthesis of meso-Aryl Substituted Porphyrins: Simple and High Yielding Modification of the Adler Procedure. *Letters in Organic Chemistry*, **2007**, 4, 374-377	0.6	3