

# Sukanta Kamila

## List of Publications by Year in descending order

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Version: 2024-02-01

34  
papers

937  
citations

430874

18  
h-index

454955

30  
g-index

41  
all docs

41  
docs citations

41  
times ranked

1263  
citing authors

#	ARTICLE	IF	CITATIONS
1	Combined sonodynamic and antimetabolite therapy for the improved treatment of pancreatic cancer using oxygen loaded microbubbles as a delivery vehicle. <i>Biomaterials</i> , 2016, 80, 20-32.	11.4	116
2	Gemcitabine loaded microbubbles for targeted chemo-sonodynamic therapy of pancreatic cancer. <i>Journal of Controlled Release</i> , 2018, 279, 8-16.	9.9	92
3	Anion Sensing with Luminescent Quantum Dots – A Modular Approach Based on the Photoinduced Electron Transfer (PET) Mechanism. <i>Journal of Fluorescence</i> , 2008, 18, 527-532.	2.5	75
4	Targeted chemo-sonodynamic therapy treatment of breast tumours using ultrasound responsive microbubbles loaded with paclitaxel, doxorubicin and Rose Bengal. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2019, 139, 224-231.	4.3	51
5	Unexpected Stereorecognition in Nitrilase-Catalyzed Hydrolysis of $\beta$ -Hydroxy Nitriles. <i>Organic Letters</i> , 2006, 8, 4429-4431.	4.6	50
6	Microwave-assisted –green– synthesis of 2-alkyl/arylbenzothiazoles in one pot: A facile approach to anti-tumor drugs. <i>Journal of Heterocyclic Chemistry</i> , 2006, 43, 1609-1612.	2.6	49
7	Magnetically responsive microbubbles as delivery vehicles for targeted sonodynamic and antimetabolite therapy of pancreatic cancer. <i>Journal of Controlled Release</i> , 2017, 262, 192-200.	9.9	47
8	Luminescent Detection of ATP in Aqueous Solution Using Positively Charged CdSe/ZnS Quantum Dots. <i>Journal of Fluorescence</i> , 2008, 18, 1157-1161.	2.5	41
9	Magnetic microbubble mediated chemo-sonodynamic therapy using a combined magnetic-acoustic device. <i>Journal of Controlled Release</i> , 2020, 317, 23-33.	9.9	38
10	Application of directed metalation in synthesis. Part 4: Expedient synthesis of substituted benzo[b]thiophene and naphthothiophene. <i>Tetrahedron</i> , 2003, 59, 4767-4774.	1.9	34
11	Application of directed metallation in synthesis. Part 3: Studies in the synthesis of ( $\Delta^{\pm}$ )-semioxanthin and its analogues. <i>Tetrahedron</i> , 2003, 59, 1339-1348.	1.9	32
12	One-Pot Synthesis of 2-Aryl- and 2-Alkylbenzothiazoles under Microwave Irradiation. <i>Heterocycles</i> , 2005, 65, 2119.	0.7	30
13	A novel fluorescent chemosensor for Cu(II) in aqueous solution based on a $\beta$ -aminobisphosphonate receptor. <i>Tetrahedron Letters</i> , 2007, 48, 7756-7760.	1.4	28
14	Ring Expansion/Homologation <sup>+</sup> Aldehyde Condensation Cascade Using tert-Trihalomethylcarbinols. <i>Organic Letters</i> , 2006, 8, 4645-4647.	4.6	26
15	An efficient microwave assisted synthesis of novel class of Rhodanine derivatives as potential HIV-1 and JSP-1 inhibitors. <i>Tetrahedron Letters</i> , 2011, 52, 4375-4377.	1.4	26
16	Synthesis and Structure-Activity Relationship Studies of 3-Substituted Indolin-2-ones as Effective Neuroprotective Agents. <i>Experimental Biology and Medicine</i> , 2008, 233, 1395-1402.	2.4	22
17	Microwave-assisted Hantzsch thiazole synthesis of N-phenyl-4-(6-phenylimidazo[2,1-b]thiazol-5-yl)thiazol-2-amines from the reaction of 2-chloro-1-(6-phenylimidazo[2,1-b]thiazol-5-yl)ethanones and thioureas. <i>Tetrahedron Letters</i> , 2012, 53, 4921-4924.	1.4	21
18	Combining sonodynamic therapy with chemoradiation for the treatment of pancreatic cancer. <i>Journal of Controlled Release</i> , 2021, 337, 371-377.	9.9	21

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19	A facile synthesis of novel 3-(aryl/alkyl-2-ylmethyl)-2-thioxothiazolidin-4-ones using microwave heating. <i>Tetrahedron Letters</i> , 2012, 53, 2195-2198.	1.4	18
20	Synthesis of thiazolines by the reaction of aryl ketonitriles with cysteamine <i>via</i> microwave irradiation. <i>Journal of Heterocyclic Chemistry</i> , 2007, 44, 407-409.	2.6	17
21	Regioselective one pot synthesis of 2-alkyl/aryl-4-benzo[1,4]thiazine-3-one <i>via</i> microwave irradiation. <i>Journal of Heterocyclic Chemistry</i> , 2006, 43, 1641-1646.	2.6	16
22	Microwave-assisted synthesis of novel bis(2-thioxothiazolidin-4-one) derivatives as potential GSK-3 inhibitors. <i>Tetrahedron Letters</i> , 2012, 53, 3998-4003.	1.4	13
23	Facile synthesis of biologically important indole based quinoxalines. <i>Arkivoc</i> , 2011, 2011, 94-104.	0.5	11
24	Application of directed metallation in synthesis: total synthesis of model compounds related to semioxanthin. <i>Tetrahedron Letters</i> , 2001, 42, 5955-5957.	1.4	10
25	Application of directed metalation in synthesis. Part 6: A novel anionic rearrangement under directed metalation conditions leading to heteroannulation. <i>Tetrahedron</i> , 2004, 60, 5215-5224.	1.9	10
26	Synthesis of Novel Pyridobenzimidazoles Bonded to Indole or benzo[b]thio-phenestruures. <i>Open Organic Chemistry Journal</i> , 2011, 5, 127-134.	0.9	10
27	Ultrasound-Mediated Gemcitabine Delivery Reduces the Normal-Tissue Toxicity of Chemoradiation Therapy in a Muscle-Invasive Bladder Cancer Model. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021, 109, 1472-1482.	0.8	8
28	Synthesis of 4,4-disubstituted-4H-benzo[d][1,3]oxathiazin-2-ones, a New Class of Compounds. <i>Synthetic Communications</i> , 2006, 36, 1419-1429.	2.1	7
29	Microwave Assisted Synthesis of Novel Functionalized Hydantoin Derivatives and Their Conversion to 5-(Z) Arylidene-4H-imidazoles. <i>Molecules</i> , 2011, 16, 5527-5537.	3.8	7
30	A new class of fluorescent chemosensors based on the $\hat{I}^2$ -aminobisphosphonate receptor. <i>Supramolecular Chemistry</i> , 2009, 21, 643-649.	1.2	4
31	Evaluation of Loading Strategies to Improve Tumor Uptake of Gemcitabine in a Murine Orthotopic Bladder Cancer Model Using Ultrasound and Microbubbles. <i>Ultrasound in Medicine and Biology</i> , 2021, 47, 1596-1615.	1.5	4
32	A low affinity nanoparticle based fluorescent ratiometric probe for the determination of Zn( <i>scp</i> ) concentrations in living cells. <i>New Journal of Chemistry</i> , 2018, 42, 14986-14993.	2.8	3
33	Application of Directed Metalation in Synthesis. Part 4. Expedient Synthesis of Substituted Benzo[b]thiophene and Naphthothiophene.. <i>ChemInform</i> , 2003, 34, no.	0.0	0
34	One-Pot Synthesis of 2-Aryl- and 2-Alkylbenzothiazoles under Microwave Irradiation.. <i>ChemInform</i> , 2006, 37, no.	0.0	0