

Ripon Sarkar

List of Publications by Year in Descending Order

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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.

18
papers

270
citations

11
h-index

16
g-index

18
ext. papers

328
ext. citations

3.3
avg, IF

3.17
L-index

#	Paper	IF	Citations
18	A highly selective ICT-based fluorescent probe for cysteine sensing and its application in living cell imaging. <i>Analytical Methods</i> , 2019 , 11, 1199-1207	3.2	17
17	Effect of cigarette smoke extract on mitochondrial heme-metabolism: An in vitro model of oral cancer progression. <i>Toxicology in Vitro</i> , 2019 , 60, 336-346	3.6	9
16	Cigarette smoking promotes cancer-related transformation of oral epithelial cells through activation of Wnt and MAPK pathway. <i>Future Oncology</i> , 2019 ,	3.6	6
15	A Perylene diimide based fluorescent probe for caffeine in aqueous medium. <i>Supramolecular Chemistry</i> , 2019 , 31, 28-35	1.8	3
14	Reaction-based bi-signaling chemodosimeter probe for selective detection of hydrogen sulfide and cellular studies. <i>New Journal of Chemistry</i> , 2018 , 42, 5367-5375	3.6	14
13	A Michael addition cyclization-based switch-on fluorescent chemodosimeter for cysteine and its application in live cell imaging. <i>New Journal of Chemistry</i> , 2018 , 42, 4951-4958	3.6	13
12	Liaison between heme metabolism and bioenergetics pathways-a multimodal elucidation for early diagnosis of oral cancer. <i>Photodiagnosis and Photodynamic Therapy</i> , 2018 , 21, 263-274	3.5	4
11	Repositing honey incorporated electrospun nanofiber membranes to provide anti-oxidant, anti-bacterial and anti-inflammatory microenvironment for wound regeneration. <i>Journal of Materials Science: Materials in Medicine</i> , 2018 , 29, 31	4.5	34
10	A PET based fluorescent chemosensor with real time application in monitoring formaldehyde emissions from plywood. <i>Analytical Methods</i> , 2018 , 10, 2888-2894	3.2	11
9	Reaction-based ratiometric fluorescent probe for selective recognition of sulfide anions with a large Stokes shift through switching on ESIPT. <i>New Journal of Chemistry</i> , 2018 , 42, 76-84	3.6	13
8	A ratiometric hypochlorite sensor guided by PET controlled ESIPT output with real time application in commercial bleach. <i>New Journal of Chemistry</i> , 2018 , 42, 15990-15996	3.6	11
7	Alginate-honey bioinks with improved cell responses for applications as bioprinted tissue engineered constructs. <i>Journal of Materials Research</i> , 2018 , 33, 2029-2039	2.5	32
6	Pre-cancer risk assessment in habitual smokers from DIC images of oral exfoliative cells using active contour and SVM analysis. <i>Tissue and Cell</i> , 2017 , 49, 296-306	2.7	15
5	Simple Bisthiocarbonohydrazone as a Sensitive, Selective, Colorimetric, and Ratiometric Fluorescent Chemosensor for Picric Acids. <i>ACS Omega</i> , 2017 , 2, 1583-1593	3.9	29
4	Microcarbon-based facial creams activate aerial oxygen under light to reactive oxygen species damaging cell. <i>Applied Nanoscience (Switzerland)</i> , 2017 , 7, 607-616	3.3	3
3	Risk prediction for oral potentially malignant disorders using fuzzy analysis of cytomorphological and autofluorescence alterations in habitual smokers. <i>Future Oncology</i> , 2017 , 13, 499-511	3.6	5
2	Autofluorescence signatures for classifying lung cells during epithelial mesenchymal transition. <i>RSC Advances</i> , 2016 , 6, 77953-77962	3.7	4

- 1 ROS generation by reduced graphene oxide (rGO) induced by visible light showing antibacterial activity: comparison with graphene oxide (GO). *RSC Advances*, **2015**, 5, 80192-80195 3·7 47