

Aritri Ghosh

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

478
citations

933447

10
h-index

940533

16
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16
all docs

16
docs citations

16
times ranked

740
citing authors

#	ARTICLE	IF	CITATIONS
1	Tannic acid-crosslinked chitosan matrices enhance osteogenic differentiation and modulate epigenetic status of cultured cells over glutaraldehyde crosslinking. <i>Soft Materials</i> , 2022, 20, 149-160.	1.7	10
2	Deep reinforced neural network model for cyto-spectroscopic analysis of epigenetic markers for automated oral cancer risk prediction. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2022, 224, 104548.	3.5	16
3	A xanthene-based novel colorimetric and fluorometric chemosensor for the detection of hydrazine and its application in the bio-imaging of live cells. <i>New Journal of Chemistry</i> , 2021, 45, 15869-15875.	2.8	11
4	Bone tissue engineering construct fabricated using a cell electrospinning technique with polyglutamic acid biopolymer. <i>Journal of Polymer Research</i> , 2021, 28, 1.	2.4	5
5	An aggregation-induced emission (AIE)-active fluorescent chemodosimeter for selective sensing of hypochlorite in water and solid state: Endogenous detection of hypochlorite in live cells. <i>Dyes and Pigments</i> , 2021, 196, 109758.	3.7	10
6	A solvent directed D-π-A fluorescent chemodosimeter for selective detection of hazardous hydrazine in real water sample and living cell. <i>Dyes and Pigments</i> , 2020, 173, 107997.	3.7	30
7	Advances in surface-enhanced Raman spectroscopy for cancer diagnosis and staging. <i>Journal of Raman Spectroscopy</i> , 2020, 51, 7-36.	2.5	36
8	Clinico-pathological significance of Drp1 dysregulation and its correlation to apoptosis in oral cancer patients. <i>Mitochondrion</i> , 2020, 52, 115-124.	3.4	4
9	A comparative assessment of poly(vinylidene fluoride)/conducting polymer electrospun nanofiber membranes for biomedical applications. <i>Journal of Applied Polymer Science</i> , 2020, 137, 49115.	2.6	27
10	A turn-on fluorescent and colorimetric chemodosimeter for selective detection of Au ³⁺ ions in solution and in live cells via Au ³⁺ -induced hydrolysis of a rhodamine-derived Schiff base. <i>New Journal of Chemistry</i> , 2020, 44, 7954-7961.	2.8	25
11	Chemometric analysis of integrated FTIR and Raman spectra obtained by non-invasive exfoliative cytology for the screening of oral cancer. <i>Analyst</i> , 2019, 144, 1309-1325.	3.5	37
12	A highly selective ratiometric fluorescent probe for H ₂ S based on new heterocyclic ring formation and detection in live cells. <i>Supramolecular Chemistry</i> , 2019, 31, 349-360.	1.2	8
13	Epithelial cell functionality on electroconductive Fe/Sr co-doped biphasic calcium phosphate. <i>Journal of Biomaterials Applications</i> , 2019, 33, 1035-1052.	2.4	12
14	(Fe/Sr) Codoped Biphasic Calcium Phosphate with Tailored Osteoblast Cell Functionality. <i>ACS Biomaterials Science and Engineering</i> , 2018, 4, 857-871.	5.2	45
15	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.	3.6	49
16	Electrospun chitosan/polycaprolactone-hyaluronic acid bilayered scaffold for potential wound healing applications. <i>International Journal of Biological Macromolecules</i> , 2018, 116, 774-785.	7.5	153