Citation on the Research Work of the Applicant duly signed by the Nominator

Applicant Name: Pritiranjan Mondal

Applicant Google scholar link

(for citation references): <u>Google Scholar Citations</u>

(https://scholar.google.com/citations?user=LgMiA98AAAAJ)

Nominator: Prof. Kaushik Chatterjee

Citation details of Pritiranjan Mondal:

Current total citation	313
h-index	9
i10-index	9

Kaushik Chatterjee, Ph.D.

Klhally

Chair, Department of Bioengineering

Professor of Materials Engineering & Bioengineering

Phone: +91-80-2293-3408 Email: kchattejee@iisc.ac.in

https://sites.google.com/site/iiscbiomaterials/

PRITIRANJAN MONDAL /

Research scholar Verified email at itsc.ac.in

Nanomaterials Biomaterials Injectable Hydrogel Tissue Engineering 3D and 4D Bioprinting

TITLE	O	1		CITED BY	YEAR
and and M Rajpu	chitectu L P Mono	re from pho	g of bone tissue scaffolds with tunable mechanical properties tocurable silk fibroin Chattagea al Macconolecules	81	2022
Photoli K Bers,	umines A Sau, P	cence and B	kherjee, D Mookherjee, A Metya,	50	2016
Invasiv P Monde	e delive	ery platform		41	2022
cell-loa 5 Kuma	ided tis	ocessing-ba sue scaffold dal, K Chatteri lymers, 119508	ee	31	2022
reducti P Monda	on of a	romatic nitro	on dot nanocomposite with superior catalytic ability for the o groups in water chanya, M Das, A Bera, D Ganguly, 5966	31	2014
Graphe Applica		nily Nanoma	aterials-Opportunities and Challenges in Tissue Engineering	28	2021



FOLLOW

scholar.google.co.in/citations?user=LgMiA98AAAAJ&hl=en

TITLE E :	CITED BY	YEAR
Graphene Family Nanomaterials-Opportunities and Challenges in Tissue Engineering Applications K Ghosal, P Mondal, S Bera, S Ghosh FlatChem, 100315	28	2021
Design and Synthesis of Fluorescent Carbon Dot Polymer and Deciphering Its Electronic Structure A Sau, K Bera, U Pal, A Maity, P Mondal, S Basak, A Mukherjee, B Satpati, The Journal of Physical Chemistry C	15	2018
Distance-Dependent Electron Transfer in Chemically Engineered Carbon Dots A Sau, K Bera, P Mondal, B Satpati, S Basu The Journal of Physical Chemistry C 120 (47), 26630-26636	12	2016
Injectable Adhesive Hydrogels for Soft tissue Reconstruction: A Materials Chemistry Perspective P Mondal, I Chakraborty, K Chatterjee The Chemical Record, e202200155	11	2022
Direct experimental observation of salt induced aspect ratio tunable PFPT silver-nanowire formation: SERS-based ppt level Hg 2+ sensing from ground water M Bhattacharya, AR Mandal, SD Chakraborty, A Mailti, A Maity,	5	2016
Bi-Directional Shape Morphing in 4D-Bioprinted Hydrogels on a Single Stimulation P Mondal, A Mandal, K Chatterjee Advanced Materials Technologies, 2300894	4	2023
Visible Light-based 3D Bioprinted Composite Scaffolds of κ-Carrageenan for Bone Tissue Engineering Applications S Kumari, P Mondal, S Tyeb, K Chatterjee Journal of Materials Chemistry B	3	2024
"All-in-one" ink for light-based 4D printing of conducting, tough, anti-freezing, and cytocompatible hydrogels P Mondal, A Mandal, K Chatterjee Chemical Engineering Journal, 153883	1	2024
Multibiofunctional Self-healing Adhesive Injectable Nanocomposite Polysaccharide		2024

"All-in-one" ink for light-based 4D printing of conducting, tough, anti-freezing, and cytocompatible hydrogels P Mondal, A Mandal, K Chatterjee Chemical Engineering Journal, 153883	ť	2024
Multibiofunctional Self-healing Adhesive Injectable Nanocomposite Polysaccharide Hydrogel P Mondal, K Chatterjee Biomacromolecules		2024
Effect of dual crosslinking on physico-chemical properties of hydrogels prepared from chitosan and alginate S Ghosh, P Mondal, BR Vel, K Chatterjee Journal of Metallurgy and Materials Science 62 (3and4), 31-40		2020
Articles 1–15 V SHOW MORE		

Klhalty

Kaushik Chatterjee, Ph.D.

Chair, Department of Bioengineering

Professor of Materials Engineering & Bioengineering

Phone: +91-80-2293-3408 Email: kchattejee@iisc.ac.in

https://sites.google.com/site/iiscbiomaterials/