

# Boi Hoa San

## List of Publications by Year in descending order

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Version: 2024-02-01

18  
papers

639  
citations

687363

13  
h-index

839539

18  
g-index

21  
all docs

21  
docs citations

21  
times ranked

998  
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular level detection and localization of mechanical damage in collagen enabled by collagen hybridizing peptides. <i>Nature Communications</i> , 2017, 8, 14913.	12.8	183
2	Molecular assessment of collagen denaturation in decellularized tissues using a collagen hybridizing peptide. <i>Acta Biomaterialia</i> , 2017, 53, 268-278.	8.3	106
3	Platinum Nanoparticles Encapsulated by Aminopeptidase: A Multifunctional Bioinorganic Nanohybrid Catalyst. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 11924-11929.	13.8	60
4	Visualizing collagen proteolysis by peptide hybridization: From 3D cell culture to in vivo imaging. <i>Biomaterials</i> , 2018, 183, 67-76.	11.4	49
5	Structural basis for the substrate specificity of PepA from <i>Streptococcus pneumoniae</i> , a dodecameric tetrahedral protease. <i>Biochemical and Biophysical Research Communications</i> , 2010, 391, 431-436.	2.1	41
6	Investigation of the heating properties of platinum nanoparticles under a radiofrequency current. <i>International Journal of Hyperthermia</i> , 2013, 29, 99-105.	2.5	30
7	Non-covalent Photo-patterning of Gelatin Matrices Using Caged Collagen Mimetic Peptides. <i>Macromolecular Bioscience</i> , 2015, 15, 52-62.	4.1	25
8	Nanoparticle Assembly and Gelatin Binding Mediated by Triple Helical Collagen Mimetic Peptide. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 19907-19915.	8.0	21
9	Self-Assembled Water-Soluble Nanofibers Displaying Collagen Hybridizing Peptides. <i>Journal of the American Chemical Society</i> , 2017, 139, 16640-16649.	13.7	21
10	The effect of protein shells on the antioxidant activity of protein-encapsulated platinum nanoparticles. <i>Journal of Materials Chemistry</i> , 2012, 22, 1774-1780.	6.7	20
11	Size-controlled synthesis and characterization of CoPt nanoparticles using protein shells. <i>Journal of Materials Chemistry B</i> , 2013, 1, 1453.	5.8	18
12	Bioinorganic Nanohybrid Catalyst for Multistep Synthesis of Acetaminophen, an Analgesic. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 30058-30065.	8.0	16
13	Combining Protein-Shelled Platinum Nanoparticles with Graphene to Build a Bionanohybrid Capacitor. <i>ACS Nano</i> , 2014, 8, 12120-12129.	14.6	14
14	Synthesis and electric characterization of protein-shelled CdSe quantum dots. <i>Journal of Materials Chemistry C</i> , 2013, 1, 2412.	5.5	8
15	Radiofrequency treatment enhances the catalytic function of an immobilized nanobiohybrid catalyst. <i>Nanoscale</i> , 2014, 6, 6009-6017.	5.6	6
16	Localization of Therapeutic Fab-CHP Conjugates to Sites of Denatured Collagen for the Treatment of Rheumatoid Arthritis. <i>Bioconjugate Chemistry</i> , 2020, 31, 1960-1970.	3.6	5
17	Photocurrent enhancement of SiNW-FETs by integrating protein-shelled CdSe quantum dots. <i>Nanoscale</i> , 2016, 8, 1921-1925.	5.6	3
18	Targeting Disease-Related Proteins <i>via</i> Secondary Protein Structure Formation. , 2020, , 181-202.		0