

Mya Mya Khin

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

1,714
citations

933410

10
h-index

1199563

12
g-index

12
all docs

12
docs citations

12
times ranked

3287
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | A review on nanomaterials for environmental remediation. Energy and Environmental Science, 2012, 5, 8075. | 30.8 | 1,213 |
| 2 | High-Performance Capacitive Deionization Disinfection of Water with Graphene Oxide- <i>graft</i> -Quaternized Chitosan Nanohybrid Electrode Coating. ACS Nano, 2015, 9, 10142-57. | 14.6 | 95 |
| 3 | Modulating Antimicrobial Activity and Mammalian Cell Biocompatibility with Glucosamine-Functionalized Star Polymers. Biomacromolecules, 2016, 17, 1170-1178. | 5.4 | 82 |
| 4 | A study of the mass transfer in osmotic dehydration of coated potato cubes. Journal of Food Engineering, 2006, 77, 84-95. | 5.2 | 78 |
| 5 | Mass transfer in the osmotic dehydration of coated apple cubes by using maltodextrin as the coating material and their textural properties. Journal of Food Engineering, 2007, 81, 514-522. | 5.2 | 63 |
| 6 | Synthesis and Antibacterial Study of Sulfobetaine/Quaternary Ammonium-Modified Star-Shaped Poly[2-(dimethylamino)ethyl methacrylate]-Based Copolymers with an Inorganic Core. Biomacromolecules, 2017, 18, 44-55. | 5.4 | 51 |
| 7 | Impact of process conditions and coatings on the dehydration efficiency and cellular structure of apple tissue during osmotic dehydration. Journal of Food Engineering, 2007, 79, 817-827. | 5.2 | 46 |
| 8 | Synthesis and photocatalytic applications of flower shaped electrospun ZnO-TiO ₂ mesostructures. Materials Letters, 2013, 97, 47-51. | 2.6 | 36 |
| 9 | Development in the Combined Treatment of Coating and Osmotic Dehydration of Food - A Review. International Journal of Food Engineering, 2005, 1, . | 1.5 | 27 |
| 10 | Supramolecular self-assembly of poly(ethylene glycol)-b-poly(L-lysine) and EDTA into nanofibers and their synergistic inhibition of Escherichia coli proliferation. Materials Letters, 2018, 223, 69-72. | 2.6 | 11 |
| 11 | Using Diphenylphosphoryl Azide (DPPA) for the Facile Synthesis of Biodegradable Antiseptic Random Copolypeptides. Macromolecular Rapid Communications, 2017, 38, 1600601. | 3.9 | 6 |
| 12 | BiOClBr-coated fabrics with enhanced antimicrobial properties under ambient light. Journal of Materials Chemistry B, 2021, 9, 3079-3087. | 5.8 | 6 |