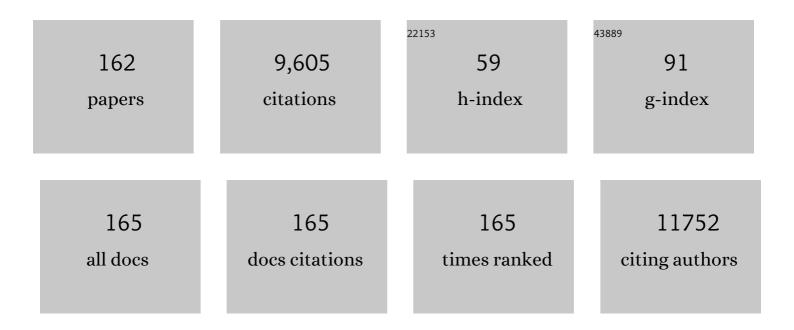


List of Publications by Year in descending order

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| 1 | Biomineralization of ZrO2 nanoparticles on graphene oxide-supported peptide/cellulose binary nanofibrous membranes for high-performance removal of fluoride ions. Chemical Engineering Journal, 2022, 430, 132721. | 12.7 | 28 |
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| 4 | Biomass vs inorganic and plastic-based aerogels: Structural design, functional tailoring, resource-efficient applications and sustainability analysis. Progress in Materials Science, 2022, 125, 100915. | 32.8 | 73 |
| 5 | Tailoring Peptide Self-Assembly and Formation of 2D Nanoribbons on Mica and HOPG Surface. Materials, 2022, 15, 310. | 2.9 | 4 |
| 6 | Two-dimensional material-based functional aerogels for treating hazards in the environment: synthesis, functional tailoring, applications, and sustainability analysis. Nanoscale Horizons, 2022, 7, 112-140. | 8.0 | 30 |
| 7 | The Combination of Two-Dimensional Nanomaterials with Metal Oxide Nanoparticles for Gas Sensors: A Review. Nanomaterials, 2022, 12, 982. | 4.1 | 111 |
| 8 | Two-Dimensional Material-Based Electrochemical Sensors/Biosensors for Food Safety and Biomolecular Detection. Biosensors, 2022, 12, 314. | 4.7 | 103 |
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| 12 | When MoS ₂ meets TiO ₂ : facile synthesis strategies, hybrid nanostructures, synergistic properties, and photocatalytic applications. Journal of Materials Chemistry C, 2021, 9, 8466-8482. | 5.5 | 18 |
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| 22 | Green synthesis and fabrication of an electrochemical and colorimetric sensor based on self-assembled peptide-Au nanofibril architecture. Arabian Journal of Chemistry, 2020, 13, 1406-1414. | 4.9 | 23 |
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