# P Abdul Rasheed

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4296084/publications.pdf

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|---|---|---|---|
| 34 papers | 1,860 citations | 279798 23 h-index | 395702 33 g-index |
| 34 all docs | 34 docs citations | 34 times ranked | 2387 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Enhanced water flux and bacterial resistance in cellulose acetate membranes with quaternary ammoniumpropylated polysilsesquioxane. Chemosphere, 2022, 289, 133144. | 8.2 | 17 |
| 2 | Recent advances in niobium MXenes: Synthesis, properties, and emerging applications. Matter, 2022, 5, 546-572. | 10.0 | 40 |
| 3 | Nb<sub>4</sub>C<sub>3</sub>T<sub>x</sub> (MXene)/Au/DNA Aptasensor for the Ultraselective Electrochemical Detection of Lead in Water Samples. Electroanalysis, 2022, 34, 1540-1546. | 2.9 | 14 |
| 4 | Cross-linked laminar graphene oxide membranes for wastewater treatment and desalination: A review. Journal of Environmental Management, 2022, 317, 115367. | 7.8 | 14 |
| 5 | Platinum nanoparticles/Ti3C2Tx (MXene) composite for the effectual electrochemical sensing of Bisphenol A in aqueous media. Journal of Electroanalytical Chemistry, 2021, 880, 114934. | 3.8 | 34 |
| 6 | Inhibition of Microbially Influenced Corrosion by Chitosan@lignosulfonate Nanospheres Under Dynamic Flow Conditions. Journal of Bio- and Tribo-Corrosion, 2021, 7, 1. | 2.6 | 4 |
| 7 | Microbiologically-influenced corrosion of the electroless-deposited NiP-TiNi â€“ Coating. Arabian Journal of Chemistry, 2021, 14, 103445. | 4.9 | 10 |
| 8 | Screening the growth inhibition mechanism of sulfate reducing bacteria by chitosan/lignosulfonate nanocomposite (CS@LS) in seawater media. Journal of Environmental Chemical Engineering, 2021, 9, 106624. | 6.7 | 1 |
| 9 | One-step synthesis of an antimicrobial framework based on covalently cross-linked chitosan/lignosulfonate (CS@LS) nanospheres. Green Chemistry, 2020, 22, 678-687. | 9.0 | 32 |
| 10 | Effect of Sheet Size and Atomic Structure on the Antibacterial Activity of Nb-MXene Nanosheets. ACS Applied Nano Materials, 2020, 3, 11372-11382. | 5.0 | 56 |
| 11 | Nb-based MXenes for efficient electrochemical sensing of small biomolecules in the anodic potential. Electrochemistry Communications, 2020, 119, 106811. | 4.7 | 47 |
| 12 | Large interlayer spacing Nb<sub>4</sub>C<sub>3</sub>T<sub>x</sub> (MXene) promotes the ultrasensitive electrochemical detection of Pb<sup>2+</sup> on glassy carbon electrodes. RSC Advances, 2020, 10, 24697-24704. | 3.6 | 34 |
| 13 | A fouling-resistant mixed-matrix nanofiltration membrane based on covalently cross-linked Ti3C2TX (MXene)/cellulose acetate. Journal of Membrane Science, 2020, 607, 118139. | 8.2 | 101 |
| 14 | Sensitive electrochemical detection of <scp>l</scp>-cysteine based on a highly stable Pd@Ti<sub>3</sub>C<sub>2</sub>T<sub>x</sub> (MXene) nanocomposite modified glassy carbon electrode. Analytical Methods, 2019, 11, 3851-3856. | 2.7 | 102 |
| 15 | Recent advancements of nanomaterials as coatings and biocides for the inhibition of sulfate reducing bacteria induced corrosion. Current Opinion in Chemical Engineering, 2019, 25, 35-42. | 7.8 | 28 |
| 16 | Water treatment and environmental remediation applications of two-dimensional metal carbides (MXenes). Materials Today, 2019, 30, 80-102. | 14.2 | 390 |
| 17 | Controlling the biocorrosion of sulfate-reducing bacteria (SRB) on carbon steel using ZnO/chitosan nanocomposite as an eco-friendly biocide. Corrosion Science, 2019, 148, 397-406. | 6.6 | 67 |
| 18 | MXenes for Environmental and Water Treatment Applications. , 2019, , 417-444. | | 11 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | â€œGreenâ€•ZnO-Interlinked Chitosan Nanoparticles for the Efficient Inhibition of Sulfate-Reducing Bacteria in Inject Seawater. ACS Sustainable Chemistry and Engineering, 2018, 6, 3896-3906. | 6.7 | 53 |
| 20 | Ultra-sensitive electrocatalytic detection of bromate in drinking water based on Nafion/Ti3C2Tx (MXene) modified glassy carbon electrode. Sensors and Actuators B: Chemical, 2018, 265, 652-659. | 7.8 | 153 |
| 21 | Ultrasensitive colorimetric detection of NF-Î¹B protein at picomolar levels using target-induced passivation of nanoparticles. Analytical and Bioanalytical Chemistry, 2018, 410, 1397-1403. | 3.7 | 3 |
| 22 | Reductive Sequestration of Toxic Bromate from Drinking Water using Lamellar Two-Dimensional Ti<sub>3</sub>C<sub>2</sub>T<sub>X</sub> (MXene). ACS Sustainable Chemistry and Engineering, 2018, 6, 7910-7917. | 6.7 | 57 |
| 23 | Electrochemical DNA sensors based on the use of gold nanoparticles: a review on recent developments. Mikrochimica Acta, 2017, 184, 981-1000. | 5.0 | 109 |
| 24 | Graphitic carbon nitride as immobilization platform for ssDNA in a genosensor. Sensors and Actuators B: Chemical, 2017, 250, 162-168. | 7.8 | 11 |
| 25 | Recent advances in optical detection of dopamine using nanomaterials. Mikrochimica Acta, 2017, 184, 1239-1266. | 5.0 | 90 |
| 26 | Carbon nanostructures as immobilization platform for DNA: A review on current progress in electrochemical DNA sensors. Biosensors and Bioelectronics, 2017, 97, 226-237. | 10.1 | 77 |
| 27 | Reduced graphene oxide-yttria nanocomposite modified electrode for enhancing the sensitivity of electrochemical genosensor. Biosensors and Bioelectronics, 2016, 83, 361-367. | 10.1 | 34 |
| 28 | Quartz crystal microbalance genosensor for sequence specific detection of attomolar DNA targets. Analytica Chimica Acta, 2016, 905, 134-139. | 5.4 | 28 |
| 29 | A highly sensitive DNA sensor for attomolar detection of the BRCA1 gene: signal amplification with gold nanoparticle clusters. Analyst, The, 2015, 140, 2713-2718. | 3.5 | 38 |
| 30 | Attomolar detection of BRCA1 gene based on gold nanoparticle assisted signal amplification. Biosensors and Bioelectronics, 2015, 65, 333-340. | 10.1 | 24 |
| 31 | Femtomolar level detection of BRCA1 gene using a gold nanoparticle labeled sandwich type DNA sensor. Colloids and Surfaces B: Biointerfaces, 2014, 117, 7-13. | 5.0 | 27 |
| 32 | Synthesis of nanotitania decorated few-layer graphene for enhanced visible light driven photocatalysis. Journal of Colloid and Interface Science, 2014, 428, 214-221. | 9.4 | 57 |
| 33 | Graphene-DNA electrochemical sensor for the sensitive detection of BRCA1 gene. Sensors and Actuators B: Chemical, 2014, 204, 777-782. | 7.8 | 95 |
| 34 | Synthesis of Luminescent MgO Nanocrystals and Their Application in Bioimaging. Advanced Science, Engineering and Medicine, 2014, 6, 283-289. | 0.3 | 2 |