# Anand M Shrivastav

List of Publications by Year
in descending order



| 38 | 1,376 | 448610 19 | 591227 27 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 38 | 38 | 38 | 1610 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Optical Biomedical Diagnostics Using Lab-on-Fiber Technology: A Review. Photonics, 2022, 9, 86. | 0.9 | 14 |
| 2 | A comprehensive review on plasmonic-based biosensors used in viral diagnostics. Communications Biology, 2021, 4, 70. | 2.0 | 261 |
| 3 | Plasmonic biosensors for food control. Trends in Food Science and Technology, 2021, 111, 128-140. | 7.8 | 83 |
| 4 | Engineering the penetration depth of nearly guided wave surface plasmon resonance towards application in bacterial cells monitoring. Sensors and Actuators B: Chemical, 2021, 345, 130338. | 4.0 | 21 |
| 5 | Detection of necrotrophic DNA marker of anthracnose causing Colletotrichum gloeosporioides fungi in harvested produce using surface plasmon resonance. Talanta, 2021, 235, 122776. | 2.9 | 8 |
| 6 | Lossy Mode Resonance Based Fiber Optic Creatinine Sensor Fabricated Using Molecular Imprinting Over Nanocomposite of MoS<sub>2</sub>/SnO<sub>2</sub>. IEEE Sensors Journal, 2020, 20, 4251-4259. | 2.4 | 28 |
| 7 | Microstructured optical fiber based Fabryâ€“PÃ©rot interferometer as a humidity sensor utilizing chitosan polymeric matrix for breath monitoring. Scientific Reports, 2020, 10, 6002. | 1.6 | 53 |
| 8 | Hypersensitive and selective biosensing based on microfiber interferometry and molecular imprinted nanoparticles. Biosensors and Bioelectronics, 2019, 141, 111347. | 5.3 | 28 |
| 9 | Non-graphene two-dimensional nanosheets for temperature sensing based on microfiber interferometric platform: Performance analysis. Sensors and Actuators A: Physical, 2019, 289, 180-187. | 2.0 | 13 |
| 10 | Synthesized Fe<sub>3</sub>O<sub>4</sub> Nanoflowers Coated Microfiber as Magnetometer. IEEE Photonics Technology Letters, 2018, 30, 1925-1928. | 1.3 | 12 |
| 11 | Hypersensitive and Selective Interferometric Nose for Ultratrace Ammonia Detection with Fast Response Utilizing PANI@SnO<sub>2</sub> Nanocomposite. ACS Photonics, 2018, 5, 4402-4412. | 3.2 | 28 |
| 12 | Semiconductor metal oxide/polymer based fiber optic lossy mode resonance sensors: A contemporary study. Optical Fiber Technology, 2018, 45, 146-166. | 1.4 | 36 |
| 13 | Surface plasmon resonance based fiber optic trichloroacetic acid sensor utilizing layer of silver nanoparticles and chitosan doped hydrogel. Nanotechnology, 2017, 28, 065503. | 1.3 | 29 |
| 14 | A novel method of SPR based SnO2: GNP nano-hybrid decorated optical fiber platform for hexachlorobenzene sensing. Sensors and Actuators B: Chemical, 2017, 246, 927-936. | 4.0 | 13 |
| 15 | Highly sensitive and selective erythromycin nanosensor employing fiber optic SPR/ERY imprinted nanostructure: Application in milk and honey. Biosensors and Bioelectronics, 2017, 90, 516-524. | 5.3 | 69 |
| 16 | Silver nanoparticle noduled ZnO nanowedge fetched novel FO-LMR based H2O2 biosensor: A twin regime sensor for in-vivo applications and H2O2 generation analysis from polyphenolic daily devouring beverages. Sensors and Actuators B: Chemical, 2017, 241, 129-145. | 4.0 | 17 |
| 17 | A contemporary approach for design and characterization of fiber-optic-cortisol sensor tailoring LMR and ZnO/PPY molecularly imprinted film. Biosensors and Bioelectronics, 2017, 87, 178-186. | 5.3 | 64 |
| 18 | LMR Based Hydrogen Peroxide Sensor Using ZnO/Ag Nanostructures. , 2016, , . | | 0 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Surface Plasmon Resonance-Based Fiber Optic Sensors Utilizing Molecular Imprinting. Sensors, 2016, 16, 1381. | 2.1 | 90 |
| 20 | A localized and propagating SPR, and molecular imprinting based fiber-optic ascorbic acid sensor using anin situpolymerized polyanilineâ€“Ag nanocomposite. Nanotechnology, 2016, 27, 345501. | 1.3 | 39 |
| 21 | FO-SPR based dextrose sensor using Ag/ZnO nanorods/GOx for insulinoma detection. Biosensors and Bioelectronics, 2016, 85, 986-995. | 5.3 | 43 |
| 22 | Surface plasmon resonance based optical fiber sensor for atrazine detection using molecular imprinting technique. Sensors and Actuators B: Chemical, 2016, 227, 204-211. | 4.0 | 55 |
| 23 | Fiber optic profenofos sensor based on surface plasmon resonance technique and molecular imprinting. Biosensors and Bioelectronics, 2016, 79, 150-157. | 5.3 | 100 |
| 24 | Surface plasmon resonance based fiber optic ethanol sensor using layers of silver/silicon/hydrogel entrapped with ADH/NAD. Sensors and Actuators B: Chemical, 2016, 230, 485-492. | 4.0 | 73 |
| 25 | SPR and Molecular Imprinting-Based Fiber-Optic Melamine Sensor With High Sensitivity and Low Limit of Detection. IEEE Journal of Selected Topics in Quantum Electronics, 2016, 22, 172-178. | 1.9 | 17 |
| 26 | A Novel Approach of LMR/MIP for Optical Fiber based Salivary Cortisol Sensor. , 2016, , . | | 5 |
| 27 | Fiber Optic SPR Nanosensor for Erythromycin Detection using Molecularly Imprinted Nanoparticles. , 2016, , . | | 1 |
| 28 | SPR Based Fiber Optic Sensor for Detection of Cholesterol Using Gel Entrapment. , 2016, , . | | 0 |
| 29 | FO-LMR Based Chlorine Gas Sensor Using Zinc Oxide Nanostructure. , 2016, , . | | 0 |
| 30 | Fiber Optic SPR Sensor for Detection of Triclosan Using Molecular Imprinted Polymeric Layer. , 2016, , . | | 0 |
| 31 | Optical Fiber SPR Sensor for Simultaneous Determination of Cu(II) and Pb(II) Ions Using Molecular Imprinting. , 2016, , . | | 1 |
| 32 | Molecular Imprinting and SPR Based Fiber Optic Sensor for 1-Naphthol. , 2016, , . | | 0 |
| 33 | SPR and Molecular Imprinting based Fiber Optic Sensor for Copper Ion Detection. , 2016, , . | | 1 |
| 34 | Localized and propagating surface plasmon resonance based fiber optic sensor for the detection of tetracycline using molecular imprinting. Materials Research Express, 2015, 2, 035007. | 0.8 | 43 |
| 35 | Fiber optic SPR sensor for the detection of melamine using molecular imprinting. Sensors and Actuators B: Chemical, 2015, 212, 404-410. | 4.0 | 94 |
| 36 | Surface Plasmon Resonance-Based Fiber Optic Sensor for the Detection of Ascorbic Acid Utilizing Molecularly Imprinted Polyaniline Film. Plasmonics, 2015, 10, 1853-1861. | 1.8 | 37 |

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|---|---|---|---|
| 37 | Molecularly Imprinted Fiber Optic SPR Sensor for Parathion Methyl Detection. , 2015, , . | | 0 |
| 38 | LSPR and molecular imprinting based optical fiber sensor for detection of tetracycline. , 2014, , . | | 0 |