

Patent:

| S.No | Application Number | Title | Patent Published / Awarded Date |
|-------------|---------------------------|--|--|
| 1 | 202641037780 | ELECTROTHERM WAX PADDLE DEVICE FOR HEATING DENTAL MODELLING WAX | 10/04/2026 |
| 2 | 202641033746 | AN HERBAL ORTHODONTIC WAX COMPOSITION AND METHOD OF PREPARING THEREOF | 27/03/2026 |
| 3 | 202641033745 | GROUND-SECTION DEVICE FOR PREPARATION OF HARD TISSUE SPECIMENS FOR HISTOLOGICAL EVALUATION | 27/03/2026 |
| 4 | 202641029046 | TEMPERATURE-CONTROLLED INTERCHANGEABLE BP SCALPEL BLADE DEVICE FOR DENTAL USE | 20/03/2026 |
| 5 | 202641016819 | MEDICATED TOOTH JEWEL FOR CONTROLLED INTRAORAL DELIVERY OF DESENSITIZING AGENTS | 20/02/2026 |
| 6 | 202641013533 | A MOTOR-DRIVEN MECHANICAL APPARATUS FOR CONTROLLED PLACEMENT OF INTRACANAL MEDICAMENT DURING ENDODONTIC PROCEDURES | 20/02/2026 |
| 7 | 202641013500 | INTERDENTAL FLOSS WITH PH INDICATOR STRIP FOR DETECTION OF MICROBIAL ACTIVITY | 20/02/2026 |
| 8 | 202641011345 | LABORATORY WRITING INSTRUMENT HAVING A COMMON LEAD RESERVOIR AND SELECTIVE LEAD ENGAGEMENT MECHANISM | 13/02/2026 |

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| 10 | 202641011339 | A THERMALLY GOVERNED WAX INSTRUMENT FOR STANDARDIZED DENTAL WAX MANIPULATION | 13/02/2026 |
| 11 | 202641011213 | REMOVABLE MULTISENSORY CALMING CUSHION FOR PEDIATRIC DENTAL CHAIRS | 13/02/2026 |
| 12 | 202641010317 | INTRAORAL TOPICAL APPLICATOR WITH SELF-ADJUSTABLE TELESCOPIC HANDLE AND DISPOSABLE ROTATABLE APPLICATOR HEAD | 13/02/2026 |
| 13 | 202641009226 | X-RAY FILM HANGER ASSEMBLY WITH DETACHABLE CLIPS | 13/02/2026 |
| 14 | 202641008378 | FINGER-MOUNTED SUCTION APPARATUS FOR HANDLING DENTAL PROSTHETIC COMPONENTS | 13/02/2026 |
| 15 | 202541132575 | TOOTHPASTE FORMULATIONS INCORPORATING CHITOSAN AND PHLOROGLUCINOL FOR ENHANCED ORAL HEALTH | 01/02/2026 |
| 16 | 202541132069 | ORAL MUCOSAL PATCH FOR LOCAL ANESTHESIA DELIVERY FOR DENTAL PROCEDURES | 01/02/2026 |
| 17 | 202541128094 | A CLAMP / FIXTURE FOR STABILIZING DENTAL SAMPLES DURING QUASI-STATIC COMPRESSION TESTING | 01/02/2026 |
| 18 | 202541128035 | DUAL-MODE ORAL DEVICE WITH ISOLATED AIR AND WATER DELIVERY CONDUIT | 01/02/2026 |

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| 20 | 202541122645 | ORAL HEALTH DIAGNOSTIC DEVICE FOR REAL-TIME DETECTION OF SALIVARY BIOMARKERS AND DENTAL CARIES RISK ASSESSMENT | 01/02/2026 |
| 21 | 202541121468 | SELF-ADJUSTING PERIOSTEAL ELEVATOR FOR CONTROLLED TISSUE ELEVATION | 01/02/2026 |
| 22 | 202541119750 | DESENSITIZING DENTIFRICE COMPOSITION AND METHOD OF PREPARATION | 26/12/2025 |
| 23 | 202541116734 | SMART DRAIN FOR MAXILLOFACIAL SPACE INFECTION | 19/12/2025 |
| 24 | 202541113726 | DE NOVO MULTI-EPI TOPE IMMUNOGEN FOR NIPAH VIRUS LEVERAGING REVERSE VACCINOLOGY | 12/05/2025 |
| 25 | 202541109544 | PORTABLE WAX-RESISTANT DENTAL PROTECTIVE SHEET WITH CUSTOMISED INSTRUMENT POCKETS | 28/11/2025 |
| 26 | 202541103334 | HYBRID ORAL HYGIENE DEVICE WITH INTERCHANGEABLE MULTI-TIP FUNCTIONAL HEAD ASSEMBLIES | 28/11/2025 |
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| 28 | 202541099931 | TRIPLE WAY MOUTH MIRROR FOR SIMULTANEOUS INTRAORAL VISUALIZATION | 28/11/2025 |

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| 31 | 202541096582 | A CHAIR-SIDE FIXED FUNCTIONAL INTRAORAL ORTHODONTIC APPLIANCE FOR CORRECTION OF CLASS II MALOCCLUSIONS | 14/11/2025 |
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| 33 | 202541094091 | HANDHELD PERIODONTAL PROBE WITH INTEGRATED REAL-TIME DISPLAY AND FORCE CONTROL | 31/10/2025 |
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| 37 | 202541087787 | A METHOD AND COMPOSITION FOR PREPARING A GREEN SYNTHESIS HERBAL MOUTHWASH | 17/10/2025 |
| 38 | 202541087785 | METHOD FOR THE BIODEGRADATION OF THERMOPLASTIC MATERIALS USING MARINE MICROALGAE | 17/10/2025 |

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| 40 | 202541087779 | LOW-PRESSURE WRITING INSTRUMENT WITH ILLUMINATION AND VISUAL GUIDANCE FOR DYSLEXIC USERS | 17/10/2025 |
| 41 | 202541083215 | METHOD OF PREPARING A CARBOXYMETHYL CHITOSAN-PHLOROGLUCINOL CONJUGATE FOR NEUROPROTECTION IN NEURODEGENERATIVE DISORDERS | 26/09/2025 |
| 42 | 202541083229 | METHOD OF PREPARATION OF NYSTATIN LOADED ETHOSOMAL FORMULATIONS FOR IMPROVED ANTIFUNGAL APPLICATION | 26/09/2025 |
| 43 | 202541080317 | WRIST-WORN WEARABLE DEVICE FOR DETERRENCE AND SELF-DEFENCE | 09/05/2025 |
| 44 | 202541080387 | WEARABLE PENDANT FOR EMERGENCY DEFENSE AND ALERTING | 19/09/2025 |
| 45 | 202541080308 | HOME-BASED MICROPLASTIC EXTRACTION DEVICE USING BIOMAGNETIC AND MULTI-STAGE FILTRATION TECHNOLOGY FOR TAP WATER PURIFICATION | 19/09/2025 |
| 46 | 202541080301 | AUTO-DRY FLOOR MAT FOR RAINY DAYS | 09/05/2025 |
| 47 | 202541080299 | MULTI-ANALYTE TEST STRIP FOR DETECTION OF FOOD ADULTERATION | 19/09/2025 |
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| 49 | 202541078713 | VIRUS-TRAPPING NANOMATRIX LAYER IN BARRIER CONDOM | 09/05/2025 |
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| 51 | 202541072577 | METHOD OF PREPARATION OF CERIUM OXIDE-BASED CURCUMIN-LOADED POLYMERIC FILMS AND APPLICATIONS THEREOF | 15/08/2025 |
| 52 | 202541072546 | METHOD OF PREPARATION OF ZINC OXIDE-BASED CURCUMIN-LOADED POLYMERIC FILMS AND APPLICATIONS THEREOF | 15/08/2025 |
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| 54 | 202541064764 | THERMOPLASTIC X-RAY FILM HOLDER FOR INTRAORAL PERIAPICAL RADIOGRAPH | 07/11/2025 |
| 55 | 202541063790 | PREPARATION METHOD OF LIPID-FUNCTIONALIZED SILVER COATED CARBON DOT CAPPED FERRITE NANOPARTICLES FOR THERANOSTIC APPLICATION | 07/11/2025 |
| 56 | 202541061896 | QUERCETIN LOADED CHITOSAN MICRONEEDLES FOR TRANSDERMAL DRUG DELIVERY | 07/11/2025 |
| 57 | 202541061891 | A METHOD FOR OBTAINING AQUEOUS LEAF EXTRACT FROM PELTOPHORUM PTEROCARPUM AND ITS APPLICATIONS THEREOF | 07/11/2025 |
| 58 | 202541061434 | METHOD FOR PREPARING COLLAGEN-COATED ENCALPUALTED LIPOSOMES FOR DRUG DELIVERY AND USES THEREOF | 07/11/2025 |

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| 60 | 202541061418 | METHOD OF PREPARATION OF PEG-COATED INDIRUBIN-ENCAPSULATED LIPOSOMES FOR ANTICANCER APPLICATION. | 07/11/2025 |
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| 63 | 202541059824 | PREPARATION OF SPOTTED SEERFISH COLLAGEN SCAFFOLDS FOR TISSUE REGENERATION | 07/04/2025 |
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| 65 | 202541059655 | BIOACTIVE ELECTROSPUN NANOFIBERS FOR TISSUE ENGINEERING APPLICATIONS | 07/04/2025 |
| 66 | 202541032212 | FOLATE CONJUGATED GELATIN/INDOMETHACIN NANO-BASED EYE DROPS | 25/07/2025 |
| 67 | 202541032213 | DESIGN AND DEVELOPMENT OF PECTIN-FUNCTIONALIZED GOLD NANOPARTICLES FOR MELAMINE DETECTION | 25/07/2025 |
| 68 | 202541032214 | FABRICATION OF CHITOSAN/PECTIN HYDROGEL WITH COLLAGEN AND DEXAMETHASONE AND ITS USES THEREOF | 25/07/2025 |

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| 69 | 202541006259 | SYNTHESIS OF IRON-CORE-CARBON-SHELL NANOPARTICLES FOR HIGH-RESOLUTION T1-CONTRAST IN MULTIMODAL MEDICAL IMAGING | 14/03/2025 |
| 70 | 202541006260 | SYNTHESIS OF MULTI-LAYERED WATER SOLUBLE MAGNETOFLUORESCENT LIPOSOMES FOR MAGNETIC RESONANCE IMAGING | 14/03/2025 |
| 71 | 202541004215 | FORMONONETIN LOADED CHITOSAN-OXIDISED SODIUM ALGINATE SCAFFOLD: PREPARATION METHOD AND WOUND HEALING APPLICATION | 14/03/2025 |
| 72 | 202441090437 | FACILE AND EFFICIENT GREEN SYNTHESIS OF A NOVEL HG(II) COMPLEX HARVESTED FROM 9-BUTYL ADENINE AND ITS ANTIBACTERIAL POTENCY | 01/03/2025 |
| 73 | 202441090436 | A METHOD OF PREPARING PH INDICATOR-FILM FROM BRASSICA OLERACEA VAR. CAPITATA EXTRACT AND APPLICATIONS THEREOF | 01/03/2025 |
| 74 | 202441089893 | GOLD NANOPARTICLES/5-AMINOFLUORESCHEIN/BIOPOLYMER NANOHYBRIDS FOR PROLONGED FLUORESCENCE EMISSION AND ITS USE AS IN VIVO IMAGING AGENTS | 24/01/2025 |
| 75 | 202441088917 | GELATIN/CELLULOSE/CATECHIN/COPPER OXIDE NANOCOMPOSITES AS TOPICAL AGENT PREPARATION AND ITS USES THEREOF | 22/11/2024 |
| 76 | 202441082605 | PREPARATION OF PECTIN/5-AZACYTIDINE/CHLOROGENIC ACID NANOCOMPOSITE AND ITS USE AS CARDIAC TISSUE REPAIR SUPPLEMENTS | 22/11/2024 |
| 77 | 202441082604 | PREPARATION OF FIBRIN ENRICHED NANOHYDROXYAPATITE/CHITOSAN/EUGENOL GEL FOR PERIODONTAL REGENERATION | 22/11/2024 |
| 78 | 202441068170 | A BIOSYNTHESIZED NANO DRUG CONTAINING NANOSILVER WITH SELECTED PLANT EXTRACT AGAINST WOUND HEALING | 10/04/2024 |

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| 79 | 202441068168 | ISOLATION, PURIFICATION AND CHARACTERISATION OF LUNASIN PEPTIDE FROM SOYBEAN SEEDS AND ITS APPLICATIONS THEREOF | 25/10/2024 |
| 80 | 202441067832 | SURFACE FUNCTIONALIZED LIPOSOME ENTRAPPED AMPHIROA ANCEPS AQUEOUS EXTRACT AND ITS ANTICANCER ACTIVITY THEREOF | 10/04/2024 |
| 81 | 202441059144 | PREPARATION AND PROCESS OF CITRUS-BASED AQUA BLUE CARBON DOTS FOR BIOIMAGING AND USES THEREOF | 27/09/2024 |
| 82 | 202441058962 | FABRICATION AND APPLICATION OF GELATIN-COATED LIPOSOMES FOR TARGETED ANDROGRAPHOLIDE DELIVERY AND USES THEREOF | 27/09/2024 |
| 83 | 202441057244 | MODIFIED MUSK MELON EXTRACT AS A STORAGE MEDIA FOR AVULSED TOOTH | 27/09/2024 |
| 84 | 202441057243 | HYDROXYAPATITE CROSSLINKED CHITOSAN-ALGINATE LOADED WITH CHLOROGENIC ACID AS NANOCOMPOSITE DENTAL FILLERS | 27/09/2024 |
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| 86 | 202441056465 | MICRONEEDLE PATCH LOADED WITH THERAPEUTIC AGENTS FOR BIOMEDICAL APPLICATIONS | 13/09/2024 |
| 87 | 202441056466 | ELECTROSPUN NANOFIBERS LOADED WITH CERIUM OXIDE NANOPARTICLES AND GRAPHENE OXIDE NANOPARTICLES FOR BIOMEDICAL APPLICATIONS | 27/09/2024 |
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| 89 | 202441052052 | PREPARATION OF BUPROPION-LOADED SODIUM CHOLATE BILOSOMES AND ITS APPLICATION AS ANTIDEPRESSANT THEREOF | 19/07/2024 |
| 90 | 202441051141 | VANCOMYCIN ENCAPSULATED IN ALDEHYDE MODIFIED ALGINIC ACID NANOHYDROGEL TO IMPROVE ANTIBACTERIAL EFFICACY | 07/12/2024 |
| 91 | 202441037229 | PHYTOMEDIATED SYNTHESIS OF MAGNESIUM SULPHATE AND USES THEREOF | 28/06/2024 |
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| 93 | 202441018043 | SYNTHESIS PROCESS OF NANOFORMULATED IOTA CARRAGEENAN AND ITS APPLICATIONS THEREOF | 29/03/2024 |
| 94 | 202441018034 | SYNTHESIS PROCESS OF FORMULATED AMPHIROA ANCEPS DRIED SEAWEED EXTRACT AND ITS APPLICATIONS THEREOF | 29/03/2024 |
| 95 | 202441009975 | SYNTHESIS PROCESS OF BUPROPION ENTRAPPED SPAN 20 NIOSOMES FOR ENHANCED ANTIDEPRESSIVE ACTIVITY | 22/03/2024 |
| 96 | 202441009973 | SYNTHESIS OF BUPROPION ENCAPSULATED SPAN 40 NIOSOMAL VESICLES AND APPLICATIONS THEREOF | 22/03/2024 |
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| 100 | 202341086739 | NANO-COMPOSITE OF ZINC OXIDE AND LOW MOLECULAR WEIGHT CHITOSAN PREPARATION AND DYE DEGRADATION THEREOF | 01/12/2024 |
| 101 | 202341084638 | A METHOD FOR PREPARING AUTOLOGOUS INJECTABLE PLATELET-RICH FIBRIN (I-PRF) AND FORMING AN I-PRF BONE BLOCK FOR BONE REGENERATIVE PROCEDURES | 01/12/2024 |
| 102 | 202341071645 | SYNTHESIS AND APPLICATIONS OF RHODAMINE 6GENCAPSULATED NANOALGINATE HYDROGELS INPHOTODYNAMIC THERAPY | 15/12/2023 |
| 103 | 202341071646 | MAGNETIC SERICIN NANOPARTICLES AS MRI CONTRAST AGENTS | 15/12/2023 |
| 104 | 202341071615 | RADIOPAQUE SERICIN NANOPARTICLES FOR DIAGNOSTIC APPLICATIONS | 15/12/2023 |
| 105 | 202341071616 | ELECTROSPUN NANOFIBERS LOADED WITH GREEN SYNTHESIZED CERIUM OXIDE NANOPARTICLES FOR BIOMEDICAL APPLICATIONS | 15/12/2023 |
| 106 | 202341071614 | SELECTED PLANT EXTRACTS AND NANOSILVER INCORPRATEDPOLYMERIC HYDROGEL MATRIX FOR WOUND DRESSING AND ITSAPPLICATIONS | 15/12/2023 |
| 107 | 202341071613 | RHODAMINE 6G ENCAPSULATED ALGINATE DIALDEHYDENANOHYDROGEL SYNTHESIS AND APPLICATIONS INPHOTODYNAMIC INACTIVATION AND IMAGING THEREOF | 15/12/2023 |
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| 110 | 202341071610 | GREEN SYNTHESIZED CARBON NANOPARTICLES AS BIOIMAGING PROBES | 12/01/2023 |
| 111 | 202341066056 | MACROTYLOMA UNIFLORUM PROTEIN EXTRACT MEDIATED VEGAN NUTRIENT AGAR TO CULTURE ENTEROBACTEREALES PREPARATION AND USES THEREOF | 16/02/2024 |
| 112 | 202341054232 | SYNTHESIS PROCESS OF OPTIMIZED BLENDED-POLYMER NANOHYDROGEL TO ENTRAP RHODAMINE FOR PHOTODYNAMIC INACTIVATION | 07/05/2024 |
| 113 | 202341055797 | SANITARY NAPKIN TOP SHEET COATED WITH ALOE VERA MEDIATED POLYMER-ENTRAPPED SILVER NANOPARTICLES AND APPLICATIONS | 26/01/2024 |
| 114 | 202341054232 | METHODS FOR COMPARISON OF DNA AND PROTEIN BINDING AND INTERCALATION ABILITIES OF STATINS | 09/01/2023 |
| 115 | 202341051605 | ZEIN NANOPARTICLES WITH BETULIN AGAINST DERMAL TOXICITY AND ITS PREPARATION THERE OF | 09/01/2023 |
| 116 | 202341049527 | HPLC METHOD FOR THE DETECTION OF OXYTOCIN AND ACETYLCHOLINE LEVELS IN RIFAMPICIN INDUCED BRAIN SAMPLE | 09/01/2023 |
| 117 | 202341027764 | METHOD FOR DEPOSITION OF LAYER-BY-LAYER SILVER NANOPARTICLES AND POLYMETHYL METHACRYLATE COATING FOR ANTIBACTERIAL FABRICS | 26/05/2023 |
| 118 | 202341025629 | METHOD OF PREPARATION OF UMBILICAL CORD MESENCHYMAL STEM CELLS (UCMSCS) DERIVED CONDITION MEDIUM PREPARATION AND USES THEREOF | 26/05/2023 |

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| 122 | 202241066110 | COLLAGEN/PECTIN SCAFFOLDS FOR TISSUE REGENERATION AND A PROCESS FOR THE PREPARATION THEREOF | 25/11/2022 |
| 123 | 202241065548 | PREPARATION METHOD OF BINDER-FREE SILVER NANOPARTICLES COATED GUTTA PERCHA CONES AND APPLICATIONS THEREOF | 25/11/2022 |
| 124 | 202241065269 | NANOFORMULATION PROCESS OF CERIUM OXIDE NANOPARTICLES AND DOXORUBICIN IN COPOLYMER MATRIX AND APPLICATIONS THEREOF | 25/11/2022 |
| 125 | 202241063555 | A METHOD FOR SYNTHESIZING BISMUTH OXIDE NANOPARTICLES FROM FRUITS AND LEAVES OF RUBUS ELLIPTICUS | 18/11/2022 |
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| 127 | 202241060189 | PREPARATION METHOD OF DOXORUBICIN LOADED ALGINATE DIALDEHYDE ENCAPSULATED CARBON COATED MANGANESE FERRITE NANODOTS AND APPLICATIONS | 11/04/2022 |
| 128 | 202241053880 | METHOD FOR THE PREPARATION OF NANOFORMULATION OF PASSIFLORA INCARNATA LEAF EXTRACT AND ITS APPLICATIONS THEREOF | 30/09/2022 |

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| 130 | 202241047202 | METHOD FOR PREPARATION OF TITANIUM DIOXIDE NANOPARTICLES FROM SOLANUM TUBEROSUM PEEL EXTRACT AND APPLICATIONS THEREOF | 26/08/2022 |
| 131 | 202241034433 | A PROCESS FOR EXTRACTION OF LOW MOLECULAR WEIGHT SULFATED CHITOSAN FROM CEPHALOPOD WASTE | 03/03/2023 |
| 132 | 202141056743 | LEVELS CIRCULATING LINC00520 AND DBHAS1 INCRNAS AS DIAGNOSTIC MARKERS FOR CORONARY ARTERY DISEASE | 24/12/2021 |
| 133 | 202141056742 | METHOD FOR PROFICIENT, HIGH YIELD SYNTHESIS OF NOVEL PD(II) COORDINATION COMPOUND BASED ON DITHIOLAT | 17/12/2021 |
| 134 | 202141056739 | GOLD CORE STABILIZED SILICA NANOCOMPOSITES WITH ANTIMICROBIAL PEPTIDES AND DRUGS, PREPARATION AND US | 17/12/2021 |
| 135 | 202141056736 | SYSTEM AND FABRICATION OF REPLICA PLATING APPARATUS AND APPLICATIONS THEREOF | 17/12/2021 |
| 136 | 202141056723 | POLYMERIC SCAFFOLDS FOR WOUND TREATMENT | 17/12/2021 |
| 137 | 202141056720 | A FACILE AND EFFICIENT AQUEOUS MEDIUM SYNTHESIS OF NOVEL NI (II) COORDINATION COMPOUND AND ITS SUPERIOR DNA BINDING ABILITY | 17/12/2021 |
| 138 | 202141056718 | GENETIC POLYMORPHISMS ASSOCIATED WITH PREECLAMPSIA AND RECURRENT PREGNANCY LOSS, METHODS OF DETECTION AND USES THEREOF | 17/12/2021 |

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| 140 | 202141056709 | METHODS AND TESTING THE USE OF LEPR GENE POLYMORPHISMS IN TYPE-2 DIABETES MELLITUS AND USES THEREOF | 17/12/2021 |
| 141 | 202041051698 | METHOD AND PROCESS OF NANOFORMULATION OF LIPOSOMAL MYRICETIN AND USES THEREOF | 12/04/2020 |
| 142 | 202041051689 | METHOD AND PREPARATION OF SERICIN SCAFFOLDS REINFORCED WITH BIOMACROMOLECULES AND USES THEREOF | 12/11/2020 |
| 143 | 202041051678 | SYSTEM AND FABRICATION OF A MICROBIAL STREAKING STREAKING APPARATUS AND APPLICATION THEREOF | 12/04/2020 |
| 144 | 202041051676 | METHOD AND PROCESS FOR THE EVALUATION OF CHEMOTHERAPY IN BRAIN TUMOURS USING TUMOUR-SEGMENTATION OF MR IMAGES | 12/04/2020 |
| 145 | 202041051674 | A METHOD OF INDUCE RAPID TRANSDIFFERENTIATION OF MESENCHYMAL STEM CELLS AND ITS APPLICATION THEREOF | 12/04/2020 |
| 146 | 202041051672 | GENETIC POLYMORPHISMS ASSOCIATED WITH FIBROADENOMA, METHODS OF DETECTION AND USE THEREOF | 12/11/2020 |
| 147 | 202041051665 | METHOD OF PREPARATION OF GO-TIO ₂ NANOCOMPOSITE AND USE THEREOF | 12/04/2020 |
| 148 | 202041051663 | METHOD AND PROCESS FOR THE EVALUATION OF CHEMOTHERAPEUTIC PSEUDO-PROGRESSION IN BRAIN TUMOURS USING QUANTITATIVE PERFUSION MRI | 12/04/2020 |

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| 149 | 201941026213 | ESR1 PVUII AND XBAI PPOLYMORPHISM ASSOCIATED WITH CORONARY ARTERY DISEASE, METHODS OF DETECTION AND | 08/02/2019 |
| 150 | 201941026211 | STREET MAZE TO ASSESS LEARNING AND MEMORY IN RODENTS | 07/12/2019 |
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