

## لائحة الأبحاث المقبولة خلال العام 2018

| اسم الباحث  | الموازنة الموافق عليها | المدة (أشهر) | عنوان مشروع البحث   |
|-------------|------------------------|--------------|---|
| رشا الرفاعي | 18,000,000             | 24           | Recherche des traces des PCBs dans les sédiments dans la région de Akkar  |
| حسن كركي    | 12,000,000             | 24           | Analyse objectif des résultats analytiques après réparation du ligament croisé antérieur  |
| ريتا النجار | 14,000,000             | 24           | Synthèse et optimisation d'aérogels à base de graphène  |
| رولان الحاج | 15,000,000             | 24           | Ignifugation de fibres naturelles et de déchets agricoles pour la conception de biocomposites ininflammables (Acronyme: IGNABIOBAT)                           |
| رولانجا     | 9,000,000              | 24           | Mobility handling in SND based 5G networks  |
| رنا جريج    | 17,000,000             | 24           | Nutrition and reproduction: Effect of vitamin D, Zinc levels and their specific transporters polymorphism on female/male fertility parameters and IVF results |
| رنا بزي     | 14,000,000             | 24           | Anti-microbial peptide(s) are potential inducers of apoptosis in chronic lymphocyte leukemia cells ex vivo: characterization of the anti-cancer properties    |
| زياد الحداد | 12,000,000             | 24           | Examining factors influencing consumers online purchase intention: An empirical study   |
| رشا ضاهر    | 16,000,000             | 24           | Evaluation of cardio-toxicity of newly identified anti-cancer Phtalazin derivative agents   |
| زياد الفوال | 14,000,000             | 24           | Etude de matériaux d'électrode à base de NaxTiyOz, analogue au type (LTO), pour applications en batteries hautes performances.                                |
| ربيع مراد   | 17,000,000             | 24           | Heart rate variability as function of intermittent fasting state  |
| راغده دمج   | 18,000,000             | 24           | Effect of cytokines on the survivability of adult rat cardiomyocytes in culture   |
| رأفت تلحوق  | 11,000,000             | 24           | Large-time existence result for 1D - Green Naghdi equations with vorticity  |
| خالد مشرف   | 11,000,000             | 24           | Implémentation d'un système embarqué automatique pour la détection d'accouchement prématurée: UN prototype  |
| حنا المعلوف | 11,000,000             | 24           | Promoting socio-economic sustainable development through innovative technological actions for Mediterranean tourism: The case of Jezzine                      |

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|-------------------|------------------------|--------------|--|
| حكمت عاكوم        | 16,000,000             | 24           | Elaboration de surfaces anti-structuration des bactéries en biofilm pour prévenir les infections nosocomiales  |
| ابراهيم حسين فقيه | 8,000,000              | 24           | المهارات المطلوبة من خبراء المحاسبة المجازين في لبنان لممارسة المحاسبة الجنائية  |
| رفيق الحاج شحادة  | 11,000,000             | 24           | Commandes et controles de sources d'energies en fonction des charges   |
| سعيد علي حسين     | 10,000,000             | 24           | L'efficacité des registres communicationnels actuels dans une perspective de mobilisation des consommateurs Libanais contre le changement climatique             |
| صلاح الفلو        | 8,000,000              | 24           | Forecast analysis of the tuberculosis incidence in Lebanon using simulation: prediction of future epidemiological trends to plan more effective control programs |
| شوقي الموسوي      | 9,000,000              | 24           | The interaction between capital and efficiency: Evidence from the MENA banks   |
| سوزي روفيل        | 12,000,000             | 24           | Agronomic performance of buckwheat ( <i>Fagopyrum esculentum</i> Moench), a pseudocereal, in Lebanon.  |
| سوزان عباس        | 23,000,000             | 24           | The investigation of the in vitro absorption of the free and encapsulated forms of cucurbitacins E, D and I through Caco-2 cells monolayer model                 |
| سندرا لا ابو فياض | 8,000,000              | 24           | University-industry collaboration UIC in developing countries: case of Lebanon   |
| سلوى طعمة         | 8,000,000              | 24           | Economic sustainability of urban farming systems on the coastal strip of Lebanon   |
| ريتا يزبك كرم     | 15,000,000             | 24           | Drug adherence for antihypertensive medications: its determinants and consequences among adult Lebanese hypertensive patients                                    |
| سقراط الغضبان     | 7,000,000              | 24           | Developing a sustainable tourism product in Lebanese ski resorts: A way to offset seasonality  |
| حسن عبد الله      | 15,000,000             | 24           | Environmental impact of additives in concrete due to the climatic condition and their economic effects in the production of concrete mix in Lebanon              |

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| ساندرا غياض   | 24,000,000             | 24           | Investigating the role of exosomal miR-1246 in paracrine signaling and tumor progression of rhabdomyosarcoma   |
| سامر العسراوي | 9,000,000              | 24           | Water waves problem and extended green-naghd system  |
| سالم حيار     | 13,000,000             | 24           | Development and implementation of a simple rapid analytical method for the identification and determination of pesticide residues and their bi-products in different matrix (in grape juice, and in Lebanese wine) and during fermentation process |
| زينه ضاهر     | 14,000,000             | 24           | Détection et analyse du Cadmium, um métal lourd toxique, dans les chocolats commercialisés au Liban. Impact sur la santé publique des jeunes consommateurs   |
| زينة داغر     | 10,000,000             | 24           | Extracellular vesicles released in response to respiratory exposures: Longitudinal study of traffic policemen  |
| زياد فجلون    | 16,000,000             | 24           | Venoms of M.bornmuelleri snake and A.m. syriaca bee; screening on human colon cancer cells and nervous system GABA receptors: mechanistic study on PLA2R1/estrogen-related receptors and discovering of new ligands with therapeutic interest      |
| زياد خليل     | 6,000,000              | 12           | Mathematical and numerical study for Darcy-Brinkman describing compositional wateroil flow in porous media   |
| سلام زين      | 14,000,000             | 24           | Are Lebanese salvia viridis essential oils efficient against Methicillin resistant staphylococcus aureus (MRSA)?   |
| اوغاريت يزيك  | 12,000,000             | 24           | Asymmetric photochemical synthesis of 3-Azabicyclo (3.2.0) haptan-2-one with B-Cyclodextrin: Leading to GABA monomers for peptides or surrogates for drug discovery  |
| حسين كامل بزي | 15,000,000             | 24           | Green extraction and analysis of Lebanese spices and valorization of their residual co-products as sources of bio-sourced molecules and flavored flour   |

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|-----------------|------------------------|--------------|---|
| ايمن قشمر       | 8,000,000              | 24           | Analytical and numerical aspects of the Ginzburg Landau Model   |
| ايمان سعد       | 24,000,000             | 24           | The effect of cytokines on TGF-beta and PAI-1 expression in the heart and evaluation of the signaling pathways involved   |
| ايمان جركس      | 12,000,000             | 24           | Etude et développement de techniques de surveillance de lieux public par des dispositifs multimédias  |
| ايمان الحاج ديب | 11,000,000             | 24           | Assessment of MCS-F gene expression in multiple myeloma (MM) patients and in CMA-03, JJN3 and KM4 MM cell lines and analysis of this correlation between MCS-F levels and metastatic bone lesions |
| ايلى حدشيتي     | 24,000,000             | 24           | Elucidation du role de la protéine TCTP (Translationally controlled tumor protein) dans les cancers du larynx, du foie, de la vessie et des poumons   |
| باسل اسماعيل    | 14,000,000             | 24           | Etude des effets des méthylsulfonylchalcones sur la machine de réparation d'AND dans les cellules cancéreuses prostatiques traitées par TRAIL   |
| اياد زيعور      | 8,000,000              | 24           | Discovering conceptual relations in spreadsheets data   |
| باسم الحموي     | 18,000,000             | 24           | Synthèse et caractérisation de nouveaux matériaux carbonés poreux à partir des sources naturelles pour des applications environnementales et énergétiques   |
| انطوان السمراني | 18,000,000             | 24           | Traitement de phosphogypse par les Whewellites de l'Opuntia Ficus Indica (Miller, 1768): Approches biophysico-chimiques de la phytoaccumulation   |
| اميليو ساسين    | 8,000,000              | 24           | Performances hygrothermiques des murs en parpaing dans les constructions Libanaises   |
| الين حمادة      | 24,000,000             | 24           | Anti-tumor effect and mechanism of Ferutinin analogues on human ovarian cancer stem cells in vitro and on zebrafish embryos in vivo   |
| الحسين عاكوم    | 11,000,000             | 24           | FPGA enables for 5G non-orthogonal waveforms for asynchronous signalling  |

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|--------------|------------------------|--------------|--|
| اكرم حجازي   | 14,000,000             | 24           | Evaluation of catalytic activities of metallic complexes: Selective reduction of unsaturated compounds by hydride transfer   |
| احمد دمج     | 6,000,000              | 24           | دور المستعربين الإسبان في تعزيز البحث في التراث الأندلسي ونشره دراسة بيبلومترية  |
| احمد العثمان | 10,000,000             | 24           | Theoretical study on the impact of the optical environment on the photoluminescence properties of 2D materials   |
| ايفا حمادة   | 24,000,000             | 24           | Anti-inflammatory and antioxidant effect of newly synthesized fluorinated benzofuran derivatives   |
| ثمر حموي     | 12,000,000             | 24           | Study of the von Willebrand factor (vWF) genetic polymorphism by full length sanger sequencing in vW index cases in north Lebanon  |
| حسن الموسوي  | 10,000,000             | 24           | Impact of IFRS adoption on decision investment in Lebanon  |
| حسن العبود   | 8,000,000              | 24           | Metaheuristics, graph theory and linear programming for crises management problems   |
| حسن أيوب     | 10,000,000             | 24           | Corruption, Fiscalité et croissance économique: Evidence empirique pour les pays MENA  |
| حسام خليل    | 6,000,000              | 24           | Décomposition tensorielle, meilleures approximations, algorithmes et applications  |
| جورج معريس   | 19,000,000             | 24           | Etude du potentiel immunomodulateur des ligands de type imidazo/pyrazoloquinoxaline et imidazopyrazine. Evaluation de leur effet sur la progression tumorale et la résistance à la chimiothérapie dans le cancer pulmonaire non à petites cellules (NSCLC) |
| جورج جريج    | 11,000,000             | 24           | Assessing the attitudes and perceptions of University working students towards teamwork: An empirical study  |
| ايمي القزي   | 17,000,000             | 24           | Valorisation des déchets de la production agroalimentaire d'Archides   |
| جمال حايك    | 12,000,000             | 24           | Consumer attitudes and perceptions towards mobile advertising using SMS: An empirical study  |

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|--------------|------------------------|--------------|---|
| عقيل جراد    | 18,000,000             | 24           | Réseaux réflecteurs polarisants pour des applications spatiales   |
| بيار رحمة    | 16,000,000             | 24           | Caractérisation et modélisation du comportement mécanique, Bi-Axial et impact, d'un matériau composite  |
| بلال نعمه    | 8,000,000              | 24           | دور خبرات مدققي الحسابات الخارجيين في الحد من ممارسات المحاسبة الابتكارية لترشيد القرارات الاستثمارية   |
| بلال حسين    | 12,000,000             | 24           | Towards an open interactive environment for learning and education (OIELE)  |
| بلال بركة    | 8,000,000              | 24           | On the arbitrage in models based on fractional brownian motion  |
| بلال الحشيمي | 19,000,000             | 24           | Study of MiRNAs expression profiling as biomarkers for colorectal cancer in Lebanese patients and colorectal cancer cell lines  |
| بشر سكرية    | 13,000,000             | 24           | Composts use in Potato production: Effects on soil quality and plant growth   |
| بشار الحسن   | 12,000,000             | 24           | Beam space massive MIMO and non orthogonal multiple access (NOMA) for microwave and wireless communications   |
| جمال شرارة   | 20,000,000             | 24           | Deployment of electro-optical sensors and drones for living human detection and localization in search and rescue missions  |
| ميشال الخوري | 14,000,000             | 24           | Study of the vulnerability of structures subjected to ground movements and elaboration of their stiffness variation criteria  |
| عباس غدار    | 19,000,000             | 24           | Auscultation non destructif de l'état de santé des structures en béton par des méthodes acoustiques   |
| نهى غانم     | 17,000,000             | 24           | Conception, synthèse et caractérisation de nouveaux complexes métalliques des bases de Schiff pour des applications en chimie thérapeutiques  |
| نزار حماده   | 11,000,000             | 24           | Realization of a framework based on data mining, optimization and multi-agent systems to predict, model and manage a growing epidemic: Road traffic and road accidents: Lebanese case study |

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|---------------|------------------------|--------------|--|
| نجاز علولو    | 18,000,000             | 24           | Style de vie et cancer colorectal dans la population Libanaise Jeune: Role de l'hormone de l'obésité   |
| نانسي نعمة    | 14,000,000             | 24           | Myxobacteria: An indefinite source of metabolites with various biological activities   |
| نادين صالح    | 14,000,000             | 24           | Exposition aux particules ultrafines et au carbone suie des chauffeurs de taxi: déterminants de l'exposition et impact sur la santé respiratoire à court terme |
| نوال بوداني   | 6,000,000              | 24           | التدهور البيئي لمدينة بيروت: منهجية لقياس الأداء ومواجهة التحديات  |
| ناتالي خريش   | 15,000,000             | 24           | Effect of a series of essential oils components on the permeability of DPPC liposomal membranes of different cholesterol contents                              |
| هالة نجا      | 8,000,000              | 24           | La restructuration des systèmes selon une architecture logicielle orientée service en se basant sur KDD  |
| ميرفت تمساح   | 14,000,000             | 24           | Fungal and human cancer cell-killing mechanism of Nigella Sativa extracts  |
| ميراي شدياق   | 9,000,000              | 24           | The new pool of entrepreneurs in Lebanon: Driving change to the future of business   |
| منير ابي سعيد | 18,000,000             | 24           | Endo-parasites diversity in small mammals along Ibrahim River, Mount Lebanon   |
| منى دياب      | 12,000,000             | 24           | Role de la protéine A desintegrin and metalloprotease thrombospondine 12 (ADAMTS12) dans la progression tumorale du carcinome hépatocellulaire                 |
| منى تنوري     | 12,000,000             | 24           | Application de la biotechnologie bleue en vue de la recherche des molécules bioactives dans le domaine médical   |
| مصطفى حمية    | 14,000,000             | 24           | bio-filter synthesis from polyurethanes foam and Bananas stems for water desalination  |
| مريان حداد    | 17,000,000             | 24           | Pharmacological properties and chemical composition of Salvia officinalis L. (sage) essential oils.  |

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|--------------|------------------------|--------------|--|
| نادين الغطمي | 23,000,000             | 24           | Molecular detection and epidemiology of carbapenemase producing gram negative clinical isolate and their clonal relatedness in North Lebanon |
| هلا صباح     | 6,000,000              | 24           | Optimisation des croisements de données de l'oT  |
| يمامة شريم   | 18,000,000             | 24           | Ionic liquids-functionalized metalloporphyrins (Iron or Ruthenium). Synthesis, characterization, and catalytic activity                      |
| يحيى ضو      | 12,000,000             | 24           | Use of expanded polystyrene and polymeric latexes in lightweight concrete for structural applications  |
| يحي سلمى     | 18,000,000             | 24           | Understanding the potential molecular role of recently discovered TET family proteins in colon cancer diagnosis and treatment                |
| وطفى حمادي   | 12,000,000             | 36           | إشكاليات توثيق الحركة المسرحية في لبنان (2000-1847)  |
| وديع نجا     | 23,000,000             | 24           | A randomized controlled study of Escitalopram and psychomotor therapy in elderly depressed patients with and without dementia                |
| هيثم زراقت   | 23,000,000             | 24           | Millicharged particles (mCP) with Milliqan experiment at CERN/CMS with proton proton collision   |
| نوال العجوز  | 13,000,000             | 24           | Impact des décharges non contrôlées sur l'eau souterraine  |
| هلا نعمه     | 18,000,000             | 24           | ATP synthase: cible potentielle des antibiotiques libres et encapsulés   |
| محمود الحمصي | 17,000,000             | 24           | Role de la B-casomorphine1-7 dans la modulation de l'expression des mucines gastro-intestinales chez les animaux immatures                   |
| هلا خليفه    | 15,000,000             | 24           | Phytochemical screening, antioxidant, antisteatosis, and cytotoxic activity of the Lebanese plant Thymbra Spicata                            |
| هشام الفلو   | 12,000,000             | 24           | Etude de la structure des noyaux légers riches en neutrons   |



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|--------------------------|------------------------|--------------|--|
| هدى هاشم                 | 33,000,000             | 24           | Assessment of the role of differentially expressed miRNAs in the regulation of IGF1R in lipoic acid treated MCF-7 and MDA-MB 231 breast cancer cell lines  |
| هدى البيطار              | 15,000,000             | 24           | Valorisation d'une plante libanaise, Iris mesopotamica purification et caractérisation des molécules anticancéreuses   |
| هبة مولوي                | 12,000,000             | 24           | Investigation and characterization of algal biomass Leathesia difformis and its polysaccharide Fucidan to uncover its pharmacological properties and anti-cancer potential   |
| هاله شاميه               | 27,000,000             | 24           | Engineering of Escherichia coli for the sustainable industrial production of extreme CAZymes and derived biopolymers   |
| هاله سماحه               | 19,000,000             | 24           | Effet des métaux lourds et de la sécheresse sur la tolérance et la physiologie de différents végétaux comestibles au Liban   |
| هنادي السكري             | 19,000,000             | 24           | Extraction, caractérisation des substances naturelles de certaines plantes médicinales d'origine libanaise appartenant à diverses familles (Nigella sativa, Lepidium sativum, Rosa damascena, Pimpinella anisum, Prunus dulcis, Citrus aurantium et Zea ma |
| علي هرموش                | 8,000,000              | 24           | Design and analysis of absorbent materials using epoxy foam loaded with carbon fibers for high frequency bands 0.5GHz - 18GHz  |
| فهد عبدالله              | 11,000,000             | 24           | Deep machine learning for real applications with large databases   |
| فريدريك غريغوري جوزف حرب | 17,000,000             | 24           | Implication des LXRs dans la myélinisation du système nerveux périphérique : effets des oxystérols et des rayonnements ionisants   |
| فدى نصار                 | 18,000,000             | 24           | Croissance et détermination de l'age du lézard Parvilacerta fraasii (Lerhs, 1910) (Reptilia, Squamata, Lacertidae) du Liban à partir de la squelettochronologie  |
| فاروق جابر               | 24,000,000             | 24           | A novel approach for the simultaneous determination of pesticide residues and PAHs in black tea using GC-MS  |

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|------------------|------------------------|--------------|---|
| فادية حطيظ       | 6,000,000              | 24           | اللعب والتكيف النفسي والاجتماعي في الظروف الصعبة (حالة الأطفال اللاجئين السوريين)   |
| فاديا طاهر       | 12,000,000             | 24           | Modélisation spectroscopique des molécules présentes dans l'atmosphère de haute température: Les oxides et les dioxides des atomes lourds: TaO, BiO, et CO2   |
| مروان قبيسي      | 18,000,000             | 24           | Le réactif de pétasis en synthèse organique: méthodologie, formation d'énamines et application en synthèse d'alcaloïdes indolizidiniques  |
| فادي الحاج شحادة | 11,000,000             | 24           | Assessment of the fresh and hardened properties of concrete made of crushed aggregates containing no natural sand   |
| كمال بيضون       | 10,000,000             | 24           | Development of a methodology for cyber risk management of connected sensor systems and industrial control systems   |
| علي محمد اسماعيل | 17,000,000             | 24           | Sustainable production of phycocyanin from Arthrospira platensis: optimization of culture conditions and harvesting practices   |
| علي كلاكش        | 7,000,000              | 24           | Combinaison de la sélection d'attributs et des méthodes ensemblistes pour la classification des Pays du Moyent-Orient   |
| علي عودة         | 10,000,000             | 24           | Bank capital requirments and credit crunch: Evidence from the MENA banks  |
| علي شعيتو        | 16,000,000             | 24           | Identifying the role of gut microbiota in the sysnthesis of intestinal melatonin  |
| علي بصل          | 15,000,000             | 24           | Amélioration de la qualité des aliments libanais traditionnels secs par l'utilisation d'une nouvelle technique de séchage solaire. Comparaison de l'effet de différentes techniques de séchage sur la valeur nutritionnelle de ces aliments |
| علي المسمار      | 50,000,000             | 24           | اسمعك يا فينيقيا  |
| يوسف بكور        | 23,000,000             | 24           | Development, physicochemistry and modeling of fast and ultra-fast organic and enzymatic reactions in a microreactor in flow. Application of polymer synthesis   |

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|-----------------|------------------------|--------------|---|
| فادي الناعي     | 12,000,000             | 24           | Estimation mathématique de coefficients de ruissellement - Modèle numérique intégrant les paramètres géomorphologiques spécifiques du terrain par différences finies                        |
| محمد احمد شعيتو | 10,000,000             | 24           | An artificial intelligence platform for ubiquitous computing with big data applications   |
| عفت ابو فخر     | 11,000,000             | 24           | Biodiversity insect indicators determination in common Lebanese agroecosystems versus natural habitats  |
| محمد ناصر       | 17,000,000             | 24           | Study of the neuroprotective effect of combining pomegranate juice and Candesartan against Transient Ischemia induced by right common carotid artery occlusion in rats                      |
| محمد عباس       | 6,000,000              | 24           | The dominant prime of a decorated associated with a simple group  |
| محمد شعبان      | 12,000,000             | 24           | Plateforme de gestion de l'énergie renouvelable implantant le concept de NetMetering pour l'optimisation de l'énergie   |
| محمد رضا        | 11,000,000             | 24           | Etude comparative de l'adsorption des métaux lourds des eaux pollués par des extractants à base des plantes Libanaises. Effet et role du charbon actif issu de ces plantes sur l'extraction |
| محمد درويش      | 8,000,000              | 24           | On the nonlinear damped Shrodinger equation with variable coefficient   |
| محمد حسين       | 7,000,000              | 24           | Intelligent system for fraud detection of electricity consumption in electricity of Lebanon   |
| كامل حسن كلاكش  | 10,000,000             | 24           | L'impact de la dette publique sur la croissance économique dans la zone MENA  |
| محمد الزغبي     | 11,000,000             | 24           | Rectenna multi-bandes pour la transmission d'énergie d'alimentation sans fil par la méthode de retournement temporel  |
| كلود ضو         | 12,000,000             | 24           | Etude de la biodégradation des produits pharmaceutiques traités par photocatalyse et de leur toxicité in vivo sur le modèle Poisson zèbre   |
| ماريا باسيل     | 18,000,000             | 24           | Development of a microfluidics hydrogel based device that allows selective filtration and help the bioartificial kidney advancement   |

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| اسم الباحث          | الموازنة الموافق عليها | المدة (أشهر) | عنوان مشروع البحث  |
|---------------------|------------------------|--------------|--|
| مادونا بولس         | 14,000,000             | 24           | Elaboration de poudres spinelles par mécanosynthèse, caractérisation, mise en forme de céramiques et propriétés photovoltaïques  |
| ليلى سعادة          | 8,000,000              | 24           | La population Libanaise au mitan de la vie: Les inégalités sociales en matière de santé  |
| ليزات اويزوفا فرح   | 12,000,000             | 24           | Activities of Ca <sup>2+</sup> -ATPase and Na <sup>+</sup> ,K <sup>+</sup> -ATPase in human erythrocyte membranes in relation with membrane cholesterol content and fluidity: a membrane lipid therapy study |
| لبنى الزين          | 14,000,000             | 24           | Pour une agriculture durable à faibles intrants: étude de la fonction d'exsudation racinaire chez le blé dur en tant que processus impliqué dans les interactions plantes rhizobactéries bénéfiques          |
| كورين يزبك          | 10,000,000             | 24           | The earliest villages on the Lebanese coast (9000-7000 BC): Prehistory and paleoenvironment in the Tabarja Wata Slam 100   |
| محمود عباس          | 17,000,000             | 24           | Nouvelle approche de désagrégation de puissance pour identification des sources de consommation  |
| محمد العكاوي المهدي | 10,000,000             | 24           | Determination and solution techniques to EDL's non-technical power losses using advanced metering infrastructure system  |