

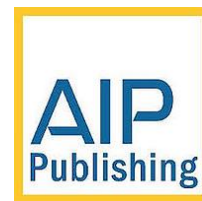


1st Samarra International Conference for Pure and Applied Sciences (1SICPS)

March 23-24, 2021

Posters (Articles) Chemistry Sciences

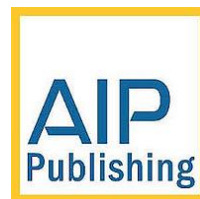
No.	Article's Code	Article's Title	Author's
1	che6	Development and Validation of RP-HPLC Method Analysis for COVID-19 Antiviral Drug Samavir Tablet	Saif Dahham Hameedi AlSamarrai, Eman Thiab AlSamarrai
2	che24	Innovation and Validation of a new RP- HPLC method for the simultaneous determination of Chlorpheniramine maleate, Phenylphrine HCl, Glycerol guaiacolate, Methyl paraben, Propyl paraben and Yellow no.6 in pharmaceutical syrup	Ahmed Kareem Abbas and Khalaf F AlSamarrai
3	Che35-S	Effect of Myrrh and its isolated flavonoids and glycosides on the levels of pancreatic β -cells hormones (preptin, insulin and C-peptide) in local Iraqi female rabbits	Othman Rashid Al Samarrai, Nazar Ahmed Naji and Rafaa Razooq Hameed
4	che35-T	Chemical composition of essential oils and total carotenoids of seven wild species from Cichorieae tribe (Asteraceae) growing in Iraq	Wijdan S. A. Hamad, T. O. Al- Khesraji
5	Che36	Vitamin D deficiency in sera of patients with hyperuricemia	Maher Rashid Hamid Al- Obeidi and Rafah Razooq Hameed Al-Samarrai
6	che43	Synthesis, Characterization, Biological Evaluation, Molecular Docking, Assess Laser Efficacy, Thermal Performance and Optical Stability Study for New Derivatives of Bis-1,3-Oxazepene and 1,3-Diazepine	Adil Hussein Dalaf, Fawzi Hameed Jumaa and Iman Ayoob Yass
7	che46	The study of some physical changes of a mixture of surfactants in the presence of nanoscale titanium dioxide	Basim Fadil Mahmood, Liqaa Hussein Alwan, Anwer A. Al- Samarrai
8	che47	Adsorption Study of Phosphate ions pollution in aqueous solutions using microwave synthesized magnesium oxide nanoparticles	Nibras Abdul-Ameer Aboud, Basma Esam Jasim, Ahmed Mahdi Rheima
9	che49	Quantitative Determination of Atenolol by Formation of Ion Association Complex	Shorouk Hatim Hameed Al Samarrai and Eman Thiab Al Samarrai



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10	che50	Oxidation of Esomeprazole and Bleaching Color of Rifampicin Reactions Used in Spectrophotometric Determination of Esomeprazole in its Formulation	Hiba Abdul Alsalam Alhfidh and Nabeel Sabeeh Othman
11	che53	Evaluation the correlation between serum fucose and lipid profile in sera of patients with dyslipidemia in Samarra city	Waleed Satar Ibrahim and Rafah Razooq Hameed Al-Samarrai
12	che54	Spectrophotometric Determination of Cefixime Trihydrate via Oxidative Coupling Reaction with 4-Amino Phenazone	Mustafa Mohammed Al-Faluji, Maadh T. Abdulrahman and Ali Ibraheem Khaleel
13	che55	Evaluation of oxidative stress level in patients with coronavirus(COVID-19)	Kadhim Abdul salam Kadhim , Wasan N. Husain , Rafah Razooq Hameed Al-Samarrai
14	che56	The Binding of Co Enzyme Q10 with Pyrrole and Aniline Using Square Wave Voltammetric Technique, Thermodynamic Parameters Determination	Nada B. Sharif , Qasim Y. Rahawi, Saddalah T. Sulaiman
15	che57	Evaluation of the Antioxidant State in Type 2 Diabetes Mellitus Patients With COVID-19	Esraa Ali Abdul Karim Al-Samarra, Rafah Razooq Hameed Al-Samarrai
16	che58	Studying the quality of irrigation water and assessments its suitability for agricultural purposes in the agricultural districts within the left side of the Euphrates river from Ramadi to Habbaniyah city at Anbar province	Sabti Ammar Jabbar and Al-Bayati Ali Hussein Ibraheem
17	che59	Spectroscopic Estimation Of Isoniazid Using Copper Complexes For the Schiff Base	Tayseer Abdel Qader, Hussein Abdel-Jabbar, Bakr Ismail
18	che60	Spectrophotometric determination of chlordiazepoxide with a benzimidazole-derived reagent	Teeba. A. Al-samarrai , Khalaf F Al-samarrai
19	che61	Synthesis and characterization of a novel adsorbent nano-adsorbent and its use in adsorption of carbamazepine	Sama Ali Hussein, Abdulmonaim Hamad Majied Al-Samarrai, and Liqaa Hussein Alwan



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20	che66	N-Alkylation Of Substituted 2-Amino Benzothiazoles By 1,4-Bis (Bromo Methyl) Benzene On Mixed Oxides At Room Temperature And Study Their Biological Activity	Wissam Mohammed Al-Joboury, Khalid Abdulaziz Al-Badrany and Nabeel Jamal Asli
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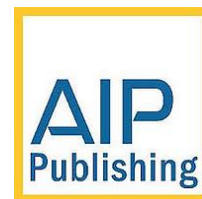


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Posters (Articles) Biology sciences

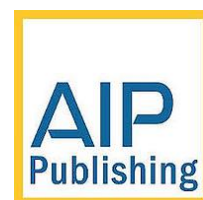
No.	Article's Code	Article's Title	Author's
1	bio23	Effect of Media Culture, Nano and Normal Micronutrients on Some Flowers and Yield Traits of Strawberry	Ahmed F. Z. Al-Dulaimy, Mustafa M. Mahmood
2	bio25	A Comparative Study of the Effect of Cymbopogon Citrates and Rosuvastatin Aqueous Extract on some Biochemical variants in Adult Male Domestic Rabbits <i>Lagus caniculus</i> Orycto Induced Atherosclerosis	Khalida Khalil Abdullah, Saba Dhamin Shakir, Marwan Q AL-Samarraie, Mohammed Ahmed Mustafa
3	bio27	Preparation and diagnosis of magnetic nanoparticles and their effect on root nodule count in <i>Vicia faba</i> L.	Safa Majeed Alwan, Wael Mohammed Mahdi, Liqaa Hussein Alwan
4	bio28	Effect of Oxidative Stress on C-reactive Protein and Some Biochemical markers in Iraqi Women with Breast Cancer	Nour Shakir Rezaieg
5	bio31	A Study of The Effect Aqueous Extract and Tannins of The <i>Lepidium draba</i> Plant on The Bacteria Contaminating Restaurants in The City of Sharqat	Nedaa Wasmi Shehab, Mostafa Qahtan Mostafa, Ahmed Yas Saeed, Layth Jamal, Baraa Anas Ibrahim
6	bio38-S	Contamination of the walls of Al Malweah minaret with microorganisms	Afrah Abdullah Jassim, Ali Rasheed Hameed Al.Samarrai , Bara'a Mohammed Ibrahim, Al-Hilali
7	bio41	Histological changes in the liver, spleen, and lung of mice in vitro experimentally infected with <i>Cryptococcus neoformans</i> isolated from sputum with pulmonary tuberculosis.	Rana Jalal Shaker and Milad Adnan Mezher
8	bio46	<i>Trichomonas vaginalis</i> as risk factor for prostatic diseases	Aysir Saleh Mohammed Al-Samarrai and Rafah Razooq Hameed Al-Samarrai
9	bio49	A therapeutic attempt by water extract of <i>Mentha piperita</i> for Amoebic Dysentery in Vivo and its effect on blood image	Ashraf jamal Mahmoud Zangana, Hanan Shihab Ahmad, Isra'a Ismail Yaseen Al-Taii



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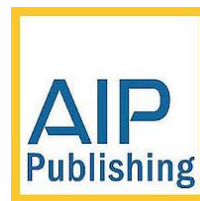
10	Bio50	Hematological and biochemical changes in number of pregnant women	Aseel Mukdad Hatam Abdulwahed , Mahmood I. M. Alkanaani, Umar Abdullah Ahmed Alelyan , Adil Ayser Faris, Ammar Rassam Hadi
11	Bio52	Evaluation IgG AND IgM Concentration In Some Aborted Women Who Infected Toxoplasma Gondii In Hilla City	Ruqaya Munther Ewadh
12	Bio53	Prevalence of Entamoeba histolytica between children and its effect on interleukin-2 and antioxidants parameters in Baqubah	Mustafa Najim Abd Allah and Aysir Saleh Mohammed
13	Bio54	Biodiversity survey of West Qurna2 Oil field, Basrah, Southern,Iraq	Nadia Al-Mudaffar Fawzi , Malik H. Ali, Hanaa H. Mohammed, Abdulkareem T. Yesser, and Dawod S. Dawod
14	Bio59	Prevalence and identification of Demodex spp related to patients with blepharitis among some Iraqi population in Baghdad city	Zena K. Khalil and Saif S.AL- KAMIL
15	Bio61	Common allergic conditions among attendants to Specialized allergy center / Kirkuk	Suhaila Shamse_Eldeen Tahier, Zubaida N.M.Albarzanigi ,Hussain Fathel khalel D.D.V
16	Bio63	Effect of spraying iron and zinc on chemical composition of the lettuce plant, effected by increasing nitrogen fertilization	Fawzi Mohsin Ali Al-Hamdani and Safwan Nawaf Fayyad Al- Khazraji
17	Bio64	The Effectiveness Aqueous and Alcoholic Extract of Melia azedarach in Killing The American Cockroach the newly Growing and the Fully Emerging (Periplaneta Americana)	Najat Jasim Khalaf , Harith Ahmed Mustafa, Hisham Naji Hamid
18	Bio65	Isolation of Sarcocystis species Infecting Sheep in Kerbala Province by Traditional and Molecular Methods	Ibrahim Alhaitami , Juman Khaleel Al-Sabbagh , Rana A. Jawad, Nawras M. Al-Khafaji, Ali J. AL-Nuaimi
19	Bio66	Assessment of Total and Differential Leukocyte Counts in Patients with COVID-19	Athraa Sami
20	Bio67	Responses Cress <i>Lepidium Sativum</i> .L to Different Level of Drought Stress	Alaa Ahmed Mahdi , Aysir Saleh Mohammed Al-Samarrai



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21	Bio68	The effect of intestinal parasites infection on cows' milk components in Balad and Dujail	Ahmad.A. Al.Samarraie, Omar.N. Al.Samarrai, Ghassan.F. Al.Samarrai
22	Bio69	Inhibition adhesion of bacterial causing acute and chronic Osteomyelitis by MIC value of ciprofloxacin and effect of some virulence factors	Zahrah Adnan Al-Shammarri,
23	Bio71	Influence of GGC medium on the DNA fragmentation of human spermatozoa via <i>in vitro</i> activation	Noor Kareem Kadhim
24	Bio72	The effect of some plant extracts and biocides on <i>Musca domestica</i>	Sarah Qais Alwan, Prof. dr. Ahmed Ali AL-Essa, Assist. Prof. dr. Husham Najji Hamed amin
25	Bio73	Association Between Calcium-Sensing Receptor Gene Polymorphism A986S and Some Calcium-Related Parameters in Pregnant Women	Wamedh Muzahim Mahmood and Adnan F. AL-Azzawie
26	Bio74	Serological Diagnosis of Adenovirus Type 40 And 41 in Diarrheal Patients in Kirkuk City	Ayla. J. Nashaat, Najat. A. Zaman, Yaser .H.Hamada

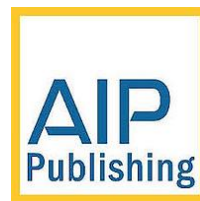


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Posters (Articles) Physics Sciences

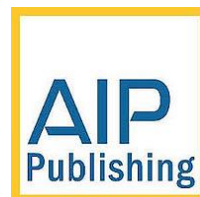
No.	Article's Code	Article's Title	Author's
1	phy8	Preparation of Mn ₂ O ₃ thin film doped with Cu by spray pyrolysis Technique and using as Acetaldehyde gas sensor	Abdul- Hussain Khudhair Elttayef, Abrar Qasim Mustafa Al-Rahmdi and Ayad A. Dhyghab
2	phy30	Fabrication Based on Vertically Aligned Cupric Oxide Nanowires (VACuONW's) for Gas Sensor at Room Temperature	Abdul qader D. Faisal, Faik H. Antar and Marrow Abdul Alkarem
3	phy39	Surface Tension of Clay-Polymer Composites: Volume Fraction Effects	Mohammed BELGHAZDIS, El-Kaber HACHEM
4	phy40	Study of the effect of adding glass and carbon powders on optical behavior of unsaturated polyester resin	Edrees E. Ghadeer, Rana zeyad abdufattah Al fulayih, Zahraa Badie Ibraheem
5	phy43	Impact of Temperature and dust deposition on PV panel performance	Dawood Salman Hasan, Mansour S. Farhan, Haider TH. Salim ALRikabi
6	phy44	Study the mechanical properties of the (TiO ₂ -NiAl) composite produced by plasma thermal spray method	Farhan F. Ahmed, Ismail K. Jassim, Kasim H. mahmood
7	phy45	Preparation And Study Of The Physical And Mechanical Properties For Hydroxyapatite – Titanium And Zirconia Nanoparticle	Noor Sabeeh Jouda , Abbas Fadhel Essa
8	phy46	Studying The Electric Quadruple Moments And Electric Transitions Probability Of Nd(A=146-154) Isotopes	Khalid Mansy Ali AlEsawi, Ali Kalaf Aobaid
9	phy47	River and Pools Segmentation of Google Earth Images Using Morphological Gradient Operator	Anaam K. Hadi
10	phy48	Dual-band perfect metasurface absorber for X-band applications	Fahad Q. M. Al-Badri, Reem Adnan Mohammed, Ola Moqdad Abdul Razaq, Khalid Saeed Lateef Al-Badri and Raed Ashraf Kamil Albadri
11	phy49	Tin-Zinc–Oxide Multiphase Existence Prepared by Spray Pyrolysis	Muhammad J. Dathaam , Bakr F. Hassan, Ana's A. Abdullah



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12	phy50	Investigation of plasma parameters of Zinc Oxide plasma produced by Laser induced plasma	Kadhim A. Aadim and Fatima K. Hammoud
13	phy51	Effects of Filling Rates on the Photonic Band Gaps in the Photonic Crystal	Ahmed M. Kadhim and Hassan A. Yasser
14	phy52	The Danger Arising from Exposure to Natural Radionuclides as a Result of Working in Majnoon Oil Field in Southern Iraq	Ali Khalid, Asia H. Al-Mashhadani
15	phy54	Calculation Of The Bulk Etch Rate Implicitly By Lmax-Method	Abrar Q. Mustafa AL-Rahmadani
16	phy55	Synthesis and Studying of Some Properties of CdO:In Thin Films	Faisal Ghazi Hammoodi, Aliyah A. Shuihab and Sameera A. Ebrahiem
17	phy56	Effect of Annealing on The Structural and Optical Properties of AISb Thin Films	Adil.M. Ibraheim and Sameer. A. Maki
18	phy57	Simulation and improvement of Cu ₂ CdSnS ₄ solar cell by SCAPS-1D	Qais Abdullah Qasim and Ayed N. Saleh
19	phy58	Electromagnetic Metamaterial Absorber for High Q-factor Applications	Khalid Saeed Lateef Al-Badri
20	phy59	Effect of the flow rate of O ₂ on SnO ₂ thin film properties	Orass Abdulhadi Hussein and Omar Fadhih Abdullah
21	phy60	Controllable Structures of metal-ligand bipyrimidine molecules on electronics devices	Ayed F. Mushir, Rawaa M. Obaida and Mohsin K. Al-Khaykane
22	phy61	Rehabilitation of Disabled Persons by Using a Changeable Swimming Pool's Size	Zainab S. Al-Khafaji, Mazin Hadi Kzar, Mohammed Saleh Khaleel, Basim M. Mareai, Aboothar Abdulhussein Hamzah, Ali Abdulhussein Shubbar



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Posters (Articles) Mathematics Sciences

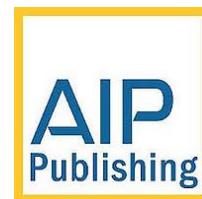
No.	Article's Code	Article's Title	Author's
1	mat11	Upper Hessenberg Decomposition Matrix Utilized to Build Zero Watermarking Technique in YCbCr Space	Nada Sabeeh Mohammed and Areej M. Abduldaim
2	mat23	A Multivariate Bayesian Model Using Gibbs Sampler with Real Data Application	Hayder AbdulHusein Mseer and Ghadeer Jasim Mohammed Mahdi
3	mat25	Best Trigonometric approximation of unbounded function in $L(p, \vartheta)(X)$	Ghassan Ezzulddin Arif, Alaa Adnan Auad, Abdulsalam Mohammed Sabri
4	mat29	Using Strawberry Algorithm to Find Solve General Global Mathematical Model	Qusay H. Hussain, Adel A .Abdel Wahab ,and Ghassan E. Aref
5	Mat35	Solving the Created Equations from Lomax Distribution	Husein Jabbar Mohammed and Maha A. Mohammed
6	mat36	ON GENERALIZED CONHARMONIC CURVATURE TENSOR OF THE LOCALLY CONFORMAL KAHLER MANIFOLD	ALHAM MAWLOD MOHAMMED, ALI A.M.SHIHAB
7	mat40	Yager Ranking Function to Solve the Fuzzy Project Management and Network Problem	Huda Fadhil Abbass , Iden Hassan AL-Kanani
8	mat42	A New Hybrid Conjugate Gradient Method for Unconstraint Optimization	Myasar A. Ahmed and Maha S. Younis
9	mat43	A Legendre Wavelet method to solve fractional differential equations with variable coefficients	Rayan B. Saeed, Kais I. Ibraheem
10	mat44	Application of Haar Wavelet Method to solve a system of Fredholm integro-differential equations	Muhammed A. Mustafa, Kais I. Ibraheem
11	mat46	Improvement Image Compression by Changing the Mathematical Equation Style	Riyadh M. Al-saleem , Yasameen A. Ghani, Shihab A. Shawkat
12	mat47	Landsat 8 data to an invention a permanent seasonal model of water quality parameters in Tigris River–Iraq	Malik R. Abbas, Abd Wahid Bin Rasib, Talib R. Abbas, Baharin Bin Ahmad
13	mat48	Consequences for the groups $SL(2, \mathbf{u})$, $\mathbf{u} = 23$ and 29	Sherouk Awad Khalaf, Niran Sabah Jasim
14	mat49	Circularity segmentation for the groups $PSL(2,23)$ and $PSL(2,29)$	Noor Alhuda Samir Salem, Niran Sabah Jasim



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15	Mat50	A Novel Approach of Features Selection by Using Slime Mould Algorithm	Hassan. S. Hassan , Nazar K. Hussein
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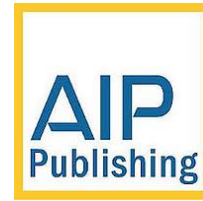


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Posters (Articles) Biotechnology and Pathological

No.	Article's Code	Article's Title	Author's
1	bg6	Evaluation of Microwave Sterilization Times on Bacteria and Fungi in Contact with The Some Seeds Surface and Germination	Wael Mohammed Mahdi, Khalid Saeed Lateef Al-Badri, Hala Muhameed Husaen and Aya Harith Shamil
2	bg7	Study of TGF- β immune mark expression in mice exposed to Candida spp	Batol Imran Dheeb, Humam Saadi Hussein, Sumayah Sami Hashim and Thikra Ahmed Hamada
3	bg8	The role of the aqueous extract of Lawsonia inermis on some variants of the male reproductive system in white male rats subjected to oxidative stress with hydrogen peroxide H ₂ O ₂	Saadia Jamal Qadir al-Samarrai, Adeeb Mahfouz Faraj al-Samarrai
4	Bgy11	Isolation and identification of mannitol producing <i>Leuconostoc mesenteroides</i>	Sawsan M. Abdul Rahman, and Teba L. Fadhel
5	Pat5	Therapeutic role of active compounds from plant extracts against oxidative stress in cardiac and liver tissues of laboratory rabbits	Zinah Ibrahim Khaleel, Ahmed Hamid Ahmed
6	Pat7	The incidence of toxoplasmosis among blood donors individuals and its effect to the levels of sex hormones in Samarra city	Aysir Saleh Mohammed Al-Samarrai, Rafah Razooq Hameed Al-Samarrai and Marwa Shakir Mahmood Al-Badry
7	Pat8	Effect of Physiotherapy on Patents with Osteoarthritis of Knee	Dr. Kareem Jebur Lafta
8	Pat10	BAT26 marker as detector of microsatellite instability in Breast tumors	Basman F. Abbas, Ahmed S. Abood, Ghufuran H. Abd and Nidhal A. Mohammad
9	Geo22	tudy for Engineering properties of the Marley stone of the shiransh formation in Bikhir fold/ Dohuk governorate, Iraq	Baker Y.O Al-tikriti1a, Khaled A. A. Alhadad



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Posters (Articles) Computer Sciences

No.	Article's Code	Article's Title	Author's
1	cm3	USE GEOMETRIC ALGORITHMS TO DETECT THE GAZE OF EYE BY USE MATHMATICS FUNCTIONS	Ahmed A. Brisam, Jamalaldeen S. Dhai, Alaa A. Hasan
2	cm10	Research Proposal: Predicting Mental Disorders In Iraq Using Data Mining Techniques	Lamyaa Naji Khaleel and Karim Hashim Al-Saedi
3	cm14	An Improvement of Dynamic Programming to Solve Knapsack Problem Using Multi-Core System	Mohammed W. Al-Neama and Zaidy Y. Mohammed
4	cm16	Automatic Classification of AMD in Retinal Images	Saja Mahdi Hussein , Enas Hamood Al-Saadi and Ali Yaqub
5	cm19	A Survey on Word Representation in Natural Language Processing	Mustafa Salim and Ban Mustafa