Ministry of Higher Education and Scientific Research

University of Basrah

College of Science - Department of Chemistry

Division of Quality Assurance and University Performance

Papers published in the Chemistry Department from 2020 to 2021

Head of Chemistry Department

Prof. Dr. Salah Shaker Hashim

Dean of the College of Science

Assis. prof. D. Jalal Jabbar Hassan

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Research published in the Chemistry Department (Scopus) for the period from 2020 to 2021

	Lecturer's name	paper	links	year
1	Athir Mahmoud Abboud Shihab Haddad	**Synthesis of some Nano Multi Arms Polylactide-Dipentaerythritol Organic Polymers**	https://www.jmcs.org.mx/index.php/jmcs/article/view/1182	**2020**
2	Arwa Hamid Mahmood Muhammad Al-Saeed	**Effect of Some Environmental Indicators on Physiological Disturbances and Endocrine Disorders in Tilapiazilli**	https://www.researchgate.net/profile/Muna-Al-Saeed/publication/342493471_Certificate_of_Acceptance_Title_of_Paper_Effect_of_Some_Environmental_Indicators_on_Physiological_Disturbances_and_Endocrine_Disorders_in_Tilapiazillii/links/5f585a35458515e96d3b53a8/Certificate-of-Acceptance-Title-of-Paper-Effect-of-Some-Environmental-Indicators-on-Physiological-Disturbances-and-Endocrine-Disorders-in-Tilapiazillii.pdf	**2020**
3	Batool Saleh Mahdi Ahmed Haddad	**Cytotoxicity of New Selenoimine, Selenonitrone, and Nitrone Derivatives Against Human Breast Cancer MDA-MB231 Cells**	https://www.semanticscholar.org/paper/Cytotoxicity-of-New-Selenoimine%2C-Selenonitrone-and-Haddad-Al-Shawi/82733ceba7ca6541c80069b7202a968785257e60	**2020**
4	Batool Saleh Mahdi Ahmed Haddad	**Synthesis and characterization of some new Schiff base containing 4, 5-dihydroisoxazole moieties**	https://faculty.uobasrah.edu.iq/uploads/publications/1610652316.pdf	**2020**
5	Bushra Abdel Mohsen Abdel Aziz Salem Al Salem	**Effect of the Isolated Alkaloid from Teucrium polium L. on Dna**	http://www.i-scholar.in/index.php/ijphrd/article/view/194046	**2020**

		Isolated from Pathogenic Bacteria (Escherichia coli and Staph aureus) of Urinary Tracts		
6	Bushra Abdel Mohsen Abdel Aziz Salem Al Salem	**The Effect of Alkaloid Extract of Teucrium Polium L. Against Some Pathogenic Bacteria of Urinary Tracts and on Pyelonephritis Induced in Rats**	https://medicopublication.com/index.php/ijphrd/article/view/1006	**2020**
7	Dawood Salman Ali Yassin Al-Daboun	**Cobalt (II) and Vanadium (IV,1) Complexes based on Semicarbazide derivatives : Spectroscopic and DNA binding Studies**	http://www.rjpbcs.com/pdf/2020_11(1)/[9].pdf	**2020**
8	Roza Abdel Razzaq Salih Ali Al-Aqar	**A Fluorescent Molecule Based on 1,8- Naphthalic Anhydride: Synthesis, Spectral Properties, And Studying The Conductance In Solution**	https://ejchem.journals.ekb.eg/article_78944.html	**2020**
9	Salih Hamza Abbas Al-Abdul-Azim	**Synthesis, characterization, kinetic and thermodynamic evaluation from TG-DTA analysis of new nickel(II) mixed ligand complexes of bidentate salicylaldimine Schiff bases and 1,10-phenanthroline**	http://www.bcc.bas.bg/bcc_volumes/Volume_52_Number_1_2020/BCC-52-1-2020-68-75-Abbas-5095.pdf	**2020**
10	Fatima Siwan Sabah Abdul Ali Al-Derawi	**Study of Antibacterial and Antifungal Efficacy of Alkaloid Isolated from Nutmeg (Myristica fragrans)**	https://microbiologyjournal.org/study-of-antibacterial-and-antifungal-efficacy-of-alkaloid-isolated-from-nutmeg-myristica-fragrans/	**2020**

11	Moayed Abdel-Aali Hussein Danak Al-Abd	**Effect of the Isolated Alkaloid from Teucrium polium L. on DNA Isolated from Pathogenic Bacteria (Escherichia coli and Staph aureus) of Urinary Tracts**	http://indianecologicalsociety.com/society/	**2020**
12	Moayed Naeem Khalaf Hussein Al-Dair	**Synthesis and Evaluation of Maleic Anhydride-Methyl Oleate Copolymer as a Corrosion Inhibitor for C-steel in 0.1 M HCl Solution**	https://www.researchgate.net/publication/347046069_Synthesis_and_Evaluation_of_Maleic_Anhydride-Methyl_Oleate_Copolymer_as_a_Corrosion_Inhibitor_for_C-steel_in_01_M_HCl_Solution	**2020**
13	Moayed Naeem Khalaf Hussein Al-Dair	**Recycling and evaluation of poly(ethylene terephthalate) waste as effective corrosion inhibitors for C-steel material in acidic media**	https://ijcsi.pro/papers/recycling-and-evaluation-of-polyethylene-terephthalate-waste-as-effective-corrosion-inhibitors-for-c-steel-material-in-acidic-media/	**2020**
14	Hanoy Kamal Kadhim Ghalib Al-Amoud	**Quantitative structure-activity relationships of some new beta amino-carbonyl compounds**	Quantitative structure-activity relationships of some new beta amino-carbonyl compounds - NASA/ADS (harvard.edu)	**2020**
15	Hanoy Kamal Kadhim Ghalib Al-Amoud	**Quantitative structure-activity relationships of some new beta amino-carbonyl compounds**	https://doi.org/10.1063/5.0029650	**2020**
16	Widad Saleh Hanoush Rashid Al-Fayad	**Synthesis, Chemical Resistance and Thermal Behavior of Polyfurfural Alcohol**	https://iopscience.iop.org/article/10.1088/1757-899X/928/5/052015	**2020**
17	Tahseen Ali Saki Jabbar Al-Maliki	**Effect of Ethylene-Ethyl Acrylate Copolymer on the Rheological Properties of LDPE/PLST Blends**	https://worldresearchersassociations.com/chemcurrentissue.aspx	**2021**
18	Tahseen Ali Saki Jabbar Al-Maliki	**Preparation and Characterization of**	https://ejchem.journals.ekb.eg/article_144821.html	**2021**

		Polymer Blends Based on Carboxymethyl Cellulose, Polyvinyl Alcohol, and Polyvinylpyrrolidone		
19	Tahseen Ali Saki Jabbar Al-Maliki	**Effect of Maleated Polyethylene Wax on Mechanical and Rheological Properties of LDPE/Starch Blends**	https://www.tjnpr.org/img/manuscript_1646_13-TJNPR-2021-M192%20Galley%20Proof%20C.pdf	**2021**
20	Salih Hamza Abbas Al-Abdul-Azim	**Spectral and cyclic voltammetry studies of chloro-salicyliden aniline and some of its complexes with Co(II) and Mn(II)**	https://iopscience.iop.org/article/10.1088/1742-6596/1660/1/012034/meta	**2021**
21	Salih Hamza Abbas Al-Abdul-Azim	**Synthesis of Some New Organotellurium Compounds Based on 1-Substituted Tetrazole**	https://iopscience.iop.org/article/10.1088/1742-6596/1853/1/012034/meta	**2021**
22	Fatima Siwan Sabah Abdul Ali Al-Derawi	**ISOLATION OF ANTHOCYANIN PIGMENT FROM IRAQI HAWTHORN (CRATAEGUS OXYACANTHA L.) PEELS AND STUDY OF ACTIVITY IT AS ANTIMICROBIAL AND ANTIOXIDANT AGENTS**	https://web.p.ebscohost.com/abstract?direct=true&profile=ehost&scope=site&authtype=crawler&jrnl=09725075&AN=144593833&h=UBUHMpTXTytMtQiH6bHUVu%2fhUeJXM6zC6aqeffPXBPw2HYGJNuE80QtVG1yruchvA5T61TUQt17VKZfVe%2bH1DQ%3d%3d&crl=f&resultNs=AdminWebAuth&resultLocal=ErrCrlNotAuth&crlhashurl=login.aspx%3fdirect%3dtrue%26profile%3dehost%26scope%3dsite%26authtype%3dcrawler%26jrnl%3d09725075%26AN%3d144593833	**2021**
23	Moayed Abdel-Aali Hussein Danak Al-Abd	**Effect of Variation in Polymer Structure on Eddies Suppression of Basrah Light Crude Oil Turbulent Flow**	https://ejchem.journals.ekb.eg/article_155762.html	**2021**

24	Moayed Abdel-Aali Hussein Danak Al-Abd	**Drag reduction assessment of some new copolymers of 1-hexene and maleic anhydride in light crude oil**	https://www.tandfonline.com/doi/abs/10.1080/10916466.2021.1954660	**2021**
25	Moayed Naeem Khalaf Hussein Al-Dair	**Drag reduction assessment of some new copolymers of 1-hexene and maleic anhydride in light crude oil**	https://doi.org/10.1080/10916466.2021.1954660	**2021**
26	Moayed Naeem Khalaf Hussein Al-Dair	**Effect of the Polymer Structure Diversity on the Eddies Suppression of Basrah Light Crude Oil Turbulent Flow**	https://ejchem.journals.ekb.eg/article_155762.html	**2021**
27	Athir Mahmoud Abboud Shihab Haddad	**Polylactide-perylene derivative for blue biodegradable organic light-emitting diodes**	https://onlinelibrary.wiley.com/doi/10.1002/pi.6083	**2020**
28	Zeki Nasser Kazem Salman Al-Sakini	**Synthesis and Characterization of New Organotellurium (IV) Compounds Containing Carbodithioate Ligands**	https://iopscience.iop.org/article/10.1088/1757-899X/928/5/052037	**2020**
29	Ali Abdul Imam Abdul Zahra Al Riyahi	**Electrochemical Studies Of Novel 3,4-Dichloro-N-((5-ChloroPyridin-2-yl)Carbamothioyl)Benzamide Based On Its Complexes With Copper(II), Cobalt(II), Nickel(II) and Zinc(II) ions**	https://ejchem.journals.ekb.eg/article_164983.html	**2021**
30	Ali Abdul Imam Abdul Zahra Al Riyahi	**The Coordination chemistry and cyclic voltammetry exploration of Cu(II), Co(II), Ni(II) and Zn(II)**	https://ejchem.journals.ekb.eg/article_178847.html	**2021**

		complexes of novel (E)-3,4-dichloro-N-(2-(1- b a (pyridin-2-yl)ethylidene)hydrazine-1-carbonothioyl) benzamide ligand		
31	Ibrahim Muhammad Jassim Al-Naima	**Secondary organic aerosols from aromatic hydrocarbons and their contribution to fine particulate matter in Atlanta, Georgia**	https://www.sciencedirect.com/science/article/abs/pii/S1352231019308659	**2020**
32	Basil Abdul Mahdi Saleh Ali	**Molecular docking, molecular dynamics simulations and reactivity, studies on approved drugs library targeting ACE2 and SARS-CoV-2 binding with ACE2**	https://www.tandfonline.com/doi/full/10.1080/07391102.2020.1803967	**2020**
33	Basil Abdul Mahdi Saleh Ali	**QSAR modeling, docking, ADME and reactivity of indazole derivatives as antagonizes of estrogen receptor alpha (ER-α) positive in breast cancer**	https://www.sciencedirect.com/science/article/abs/pii/S0022286020307675	**2020**
34	Tahseen Ali Saki Jabbar Al-Maliki	**The effect of the decomposition of porophore azodicarbonamide on the foaming process of polymer compositions**	https://www.plastics-news.ru/jour/article/view/559?locale=en_US	**2020**
35	Salih Hamza Abbas Al-Abdul-Azim	**Green synthesis of MCM-41 from rice husk and its functionalization with nickel (II) salen complex for the rapid catalytic oxidation of benzyl alcohol**	https://www.sciencedirect.com/science/article/abs/pii/S1387181120301955	**2020**

36	aula Ali Jumah Rasheed	**Polylactide-Perylene Derivative for Blue, Biodegradable Organic Light Emitting Diodes**	https://doi.org/10.1002/pi.6083	**2020**
37	aula Ali Jumah Rasheed	**Heavy metal sensors and sequestrating agents based on polyaromatic copolymers and hydrogels**	https://doi.org/10.1002/pi.6086	**2020**
38	Ali Abdul Imam Abdul Zahra Al Riyahi	**Effect of La2O3 as a Promoter on the Pt,Pd,Ni/MgO Catalyst in Dry Reforming of Methane Reaction**	https://www.mdpi.com/2073-4344/10/7/750	**2020**
39	Hanna Sobeih Abboo Hanna	**Enhancement of oxygen reduction activity and stability via introducing acid-resistant refractory Mo and regulating the near-surface Pt content,**	doi.org/10.1016/j.jechem.2020.03.063	**2020**
40	Hanna Sobeih Abboo Hanna	**New Azo–benzothiazole based Liquid Crystals: Synthesis and Study of the Effect of Lateral Substituents on their Liquid Crystalline Behaviour.**	https://www.tandfonline.com/doi/abs/10.1080/02678292.2020.1766134?journalCode=tlct20	**2020**
41	Hanna Sobeih Abboo Hanna	**An Overview of Recent Advances in Biological and Pharmaceutical Developments of Fluoro-Containing Drugs**	https://www.eurekaselect.com/article/102977	**2020**
42	Ibrahim Muhammad Jassim Al-Naima	**Detection of a secondary organic aerosol tracer derived from personal care products**	https://www.sciencedirect.com/science/article/abs/pii/S1352231020308104	**2021**
43	Basil Abdul Mahdi Saleh Ali	**Studies on a catalytic version of the Matteson**	https://pubs.rsc.org/en/content/articlehtml/2021/ob/d1ob00604e	**2021**

		asymmetric homologation reaction		
44	Basil Abdul Mahdi Saleh Ali	**Substituent Effect Study for 13Cβ SCS in a Meta-Styrene Series. Reynolds Dual Substituent Parameter Model Investigation**	https://pubs.acs.org/doi/abs/10.1021/acs.jpca.1c02645	**2021**
45	Basil Abdul Mahdi Saleh Ali	**Reactions between lithiated 1, 3-dithiane oxides and trialkylboranes**	https://www.tandfonline.com/doi/full/10.1080/17415993.2021.1971670	**2021**
46	aula Ali Jumah Rasheed	**An efficient reusable perylene hydrogel for removing some toxic dyes from contaminated water**	https://doi.org/10.1002/pi.6186	**2021**
47	Layla Zalan upset Abdul Omran	**A meta-analysis of factors influencing concentrations of brominated flame retardants and organophosphate esters in indoor dust**	https://www.sciencedirect.com/science/article/abs/pii/S0269749121008447	**2021**
48	Hanna Sobeih Abboo Hanna	**Crystal structure analysis and supramolecular association in ethyl N-[amino(iminio)methyl]carbamate dichloride hemi-hydrate,**	https://www.degruyter.com/document/doi/10.1515/zkri-2021-2024/html?lang=en	**2021**
49	Hanna Sobeih Abboo Hanna	**Carbon nanomaterials for wastewater treatment,**	https://onlinelibrary.wiley.com/doi/abs/10.1002/cben.202100003	**2021**

Research published in the Department of Chemistry (WOS) for the period from 2020 to 2021

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1	Athir Mahmoud Abboud Shihab Haddad	**Polylactide-perylene derivative for blue biodegradable organic light-emitting diodes**	https://onlinelibrary.wiley.com/doi/10.1002/pi.6083	**2020**
2	Zeki Nasser Kazem Salman Al-Sakini	**Synthesis and Characterization of New Organotellurium (IV) Compounds Containing Carbodithioate Ligands**	https://iopscience.iop.org/article/10.1088/1757-899X/928/5/052037	**2020**
3	Ali Abdul Imam Abdul Zahra Al Riyahi	**Electrochemical Studies Of Novel 3,4-Dichloro-N-((5-ChloroPyridin-2-yl)Carbamothioyl)Benzamide Based On Its Complexes With Copper(II), Cobalt(II), Nickel(II) and Zinc(II) ions**	https://ejchem.journals.ekb.eg/article_164983.html	**2021**
4	Ali Abdul Imam Abdul Zahra Al Riyahi	**The Coordination chemistry and cyclic voltammetry exploration of Cu(II), Co(II), Ni(II) and Zn(II) complexes of novel (E)-3,4-dichloro-N-(2-(1- b a (pyridin-2-yl)ethylidene)hydrazine-1-carbonothioyl) benzamide ligand**	https://ejchem.journals.ekb.eg/article_178847.html	**2021**
5	Ibrahim Muhammad Jassim Al-Naima	**Secondary organic aerosols from aromatic hydrocarbons and their contribution to fine particulate matter in Atlanta, Georgia**	https://www.sciencedirect.com/science/article/abs/pii/S1352231019308659	**2020**

6	Basil Abdul Mahdi Saleh Ali	**Molecular docking, molecular dynamics simulations and reactivity, studies on approved drugs library targeting ACE2 and SARS-CoV-2 binding with ACE2**	https://www.tandfonline.com/doi/full/10.1080/07391102.2020.1803967	**2020**
7	Basil Abdul Mahdi Saleh Ali	**QSAR modeling, docking, ADME and reactivity of indazole derivatives as antagonizes of estrogen receptor alpha (ER-α) positive in breast cancer**	https://www.sciencedirect.com/science/article/abs/pii/S0022286020307675	**2020**
8	Tahseen Ali Saki Jabbar Al-Maliki	**The effect of the decomposition of porophore azodicarbonamide on the foaming process of polymer compositions**	https://www.plastics-news.ru/jour/article/view/559?locale=en_US	**2020**
9	Salih Hamza Abbas Al-Abdul-Azim	**Green synthesis of MCM-41 from rice husk and its functionalization with nickel (II) salen complex for the rapid catalytic oxidation of benzyl alcohol**	https://www.sciencedirect.com/science/article/abs/pii/S1387181120301955	**2020**
10	aula Ali Jumah Rasheed	**Polylactide-Perylene Derivative for Blue, Biodegradable Organic Light Emitting Diodes**	https://doi.org/10.1002/pi.6083	**2020**
11	aula Ali Jumah Rasheed	**Heavy metal sensors and sequestrating agents based on polyaromatic copolymers and hydrogels**	https://doi.org/10.1002/pi.6086	**2020**

12	Ali Abdul Imam Abdul Zahra Al Riyahi	**Effect of La2O3 as a Promoter on the Pt,Pd,Ni/MgO Catalyst in Dry Reforming of Methane Reaction**	https://www.mdpi.com/2073-4344/10/7/750	**2020**
13	Hanna Sobeih Abboo Hanna	**Enhancement of oxygen reduction activity and stability via introducing acid-resistant refractory Mo and regulating the near-surface Pt content,**	doi.org/10.1016/j.jechem.2020.03.063	**2020**
14	Hanna Sobeih Abboo Hanna	**New Azo–benzothiazole based Liquid Crystals: Synthesis and Study of the Effect of Lateral Substituents on their Liquid Crystalline Behaviour.**	https://www.tandfonline.com/doi/abs/10.1080/02678292.2020.1766134?journalCode=tlct20	**2020**
15	Hanna Sobeih Abboo Hanna	**An Overview of Recent Advances in Biological and Pharmaceutical Developments of Fluoro-Containing Drugs**	https://www.eurekaselect.com/article/102977	**2020**
16	Ibrahim Muhammad Jassim Al-Naima	**Detection of a secondary organic aerosol tracer derived from personal care products**	https://www.sciencedirect.com/science/article/abs/pii/S1352231020308104	**2021**
17	Basil Abdul Mahdi Saleh Ali	**Studies on a catalytic version of the Matteson asymmetric homologation reaction**	https://pubs.rsc.org/en/content/articlehtml/2021/ob/d1ob00604e	**2021**
18	Basil Abdul Mahdi Saleh Ali	**Substituent Effect Study for 13Cβ SCS in a Meta-Styrene Series. Reynolds Dual Substituent Parameter Model Investigation**	https://pubs.acs.org/doi/abs/10.1021/acs.jpca.1c02645	**2021**

19	Basil Abdul Mahdi Saleh Ali	**Reactions between lithiated 1, 3-dithiane oxides and trialkylboranes**	https://www.tandfonline.com/doi/full/10.1080/17415993.2021.1971670	**2021**
20	aula Ali Jumah Rasheed	**An efficient reusable perylene hydrogel for removing some toxic dyes from contaminated water**	https://doi.org/10.1002/pi.6186	**2021**
21	Layla Saleh Zalan Abdul Omran	**A meta-analysis of factors influencing concentrations of brominated flame retardants and organophosphate esters in indoor dust**	https://www.sciencedirect.com/science/article/abs/pii/S0269749121008447	**2021**
22	Hanna Sobeih Abboo	**Crystal structure analysis and supramolecular association in ethyl N-[amino(iminio)methyl]carbamate dichloride hemi-hydrate,**	https://www.degruyter.com/document/doi/10.1515/zkri-2021-2024/html?lang=en	**2021**
23	Hanna Sobeih Abboo	**Carbon nanomaterials for wastewater treatment,**	https://onlinelibrary.wiley.com/doi/abs/10.1002/cben.202100003	**2021**

Research published in the Department of Chemistry (in cooperation with foreign researchers) for the period 2020-2021

	Lecturers' Name	Paper name	links	year
1	Ibrahim M. Al-Naiema	Secondary organic aerosols from aromatic hydrocarbons and their contribution to fine particulate matter in Atlanta, Georgia	https://www.sciencedirect.com/science/article/abs/pii/S1352231019308659	2020
2	Basil A. Saleh	Molecular docking, molecular dynamics simulations and reactivity, studies on approved drugs library targeting ACE2 and SARS-CoV-2 binding with ACE2	https://www.tandfonline.com/doi/full/10.1080/07391102.2020.1803967	2020
3	Basil A. Saleh	QSAR modeling, docking, ADME and reactivity of indazole derivatives as antagonizes of estrogen receptor alpha (ER-α) positive in breast cancer	https://www.sciencedirect.com/science/article/abs/pii/S0022286020307675	2020
4	Tahseen A. Saki	The effect of the decomposition of porophore azodicarbonamide on the foaming process of polymer compositions	https://www.plastics-news.ru/jour/article/view/559?locale=en_US	2020
5	Salih Hamza Abbas	Green synthesis of MCM-41 from rice husk and its functionalization with nickel (II) salen complex for the rapid catalytic oxidation of benzyl alcohol	https://www.sciencedirect.com/science/article/abs/pii/S1387181120301955	2020

6	**Aula A Alwattar**	**Polylactide-Perylene Derivative for Blue, Biodegradable Organic Light Emitting Diodes**	https://doi.org/10.1002/pi.6083	**2020**
7	**Aula A Alwattar**	**Heavy metal sensors and sequestrating agents based on polyaromatic copolymers and hydrogels**	https://doi.org/10.1002/pi.6086	**2020**
8	**Ali A. A. Al-Riyahee**	**Effect of La2O3 as a Promoter on the Pt,Pd,Ni/MgO Catalyst in Dry Reforming of Methane Reaction**	https://www.mdpi.com/2073-4344/10/7/750	**2020**
9	**Hanna S. Abbo**	**Enhancement of oxygen reduction activity and stability via introducing acid-resistant refractory Mo and regulating the near-surface Pt content,**	doi.org/10.1016/j.jechem.2020.03.063	**2020**
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11	**Hanna S. Abbo**	**An Overview of Recent Advances in Biological and Pharmaceutical Developments of Fluoro-Containing Drugs**	https://www.eurekaselect.com/article/102977	**2020**
12	**Ibrahim M. Al-Naiema**	**Detection of a secondary organic aerosol tracer derived from personal care products**	https://www.sciencedirect.com/science/article/abs/pii/S1352231020308104	**2021**
13	**Basil A. Saleh**	**Studies on a catalytic version of the Matteson asymmetric homologation reaction**	https://pubs.rsc.org/en/content/articlehtml/2021/ob/d1ob00604e	**2021**

14	**Basil A. Saleh**	**Substituent Effect Study for 13Cβ SCS in a Meta-Styrene Series. Reynolds Dual Substituent Parameter Model Investigation**	https://pubs.acs.org/doi/abs/10.1021/acs.jpca.1c02645	**2021**
15	**Basil A. Saleh**	**Reactions between lithiated 1, 3-dithiane oxides and trialkylboranes**	https://www.tandfonline.com/doi/full/10.1080/17415993.2021.1971670	**2021**
16	**Aula A. Alwattar**	**An efficient reusable perylene hydrogel for removing some toxic dyes from contaminated water**	https://doi.org/10.1002/pi.6186	**2021**
17	**Layla Salih Al-Omran**	**A meta-analysis of factors influencing concentrations of brominated flame retardants and organophosphate esters in indoor dust**	https://www.sciencedirect.com/science/article/abs/pii/S0269749121008447	**2021**
18	**Hanna S. Abbo**	**Crystal structure analysis and supramolecular association in ethyl N-[amino(iminio)methyl]carbamate dichloride hemi-hydrate,**	https://www.degruyter.com/document/doi/10.1515/zkri-2021-2024/html?lang=en	**2021**
19	**Hanna S. Abbo**	**Carbon nanomaterials for wastewater treatment,**	https://onlinelibrary.wiley.com/doi/abs/10.1002/cben.202100003	**2021**

Research published in the Chemistry Department (local) for the period from 2020 to 2021

	Lecturers' Name	Papers	links	Year
1	Tahseen A. Saki	**Removal Efficiency of Cd+2 and Pb+2 using Polyurea Based on Bis-dithiocarbamte Ligand**	http://basjsci.net/index.php/bsj/article/view/28	2020
2	Zaki N. Khazim	**New Complexes with Triazole Schiff Bases Derivative Ligand Containing Aspirin: Synthesis, Structure, Conductivity and Magnetic Susceptibility**	https://www.ajouronline.com/index.php/AJAS/article/view/6284	2020
3	**Salih Hamza Abbas**	**A new organotellurium compound based on N-substituted tetrazole as anti-corrosion for C-steel in 1M HCl solution**	https://www.iasj.net/iasj/download/e41d1fd7ec30a93f	2020
4	Widad Salih Hanoosh	**Analysis of band gap energy and refractive index of electrospinning polyacrylonitrile (PAN) nanofibers**	https://www.researchgate.net/publication/344347976_Analysis_of_band_gap_energy_and_refractive_index_of_electrospinning_polyacrylonitrile_PAN_nanofibers	2020
5	Roza Abdulrazaq Salih Al-Aqar	**Synthesis and properties of Sulphonated Polystyrene, Their New Composites and IPNs**	https://www.researchgate.net/publication/352539196_Synthesis_and_properties_of_Sulphonated_Polystyrene_Their_New_Composites_and_IPNs	2021
6	Moayed A. Hussein	**Synthesis of Branched Copolymers of Poly(1-hexene-co-maleic anhydride**	https://www.basjsci.net/index.php/bsj/article/view/55	2021
7	Moayed N. Khalaf	**Synthesis of Branched Copolymers of Poly (1-hexene-co-maleic anhydride)**	http://basjsci.net/index.php/bsj/article/view/55	2021
8	Widad Salih Hanoosh	**Synthesis and properties of Sulphonated Polystyrene,**	http://basjsci.net/index.php/bsj/article/view/56	2021

		Their New Composites and IPNs		
9	Tahseen A. Saki	**Removal Efficiency of Cd+2 and Pb+2 using Polyurea Based on Bis-dithiocarbamte Ligand**	http://basjsci.net/index.php/bsj/article/view/28	2020
10	Zaki N.Khazim	**New Complexes with Triazole Schiff Bases Derivative Ligand Containing Aspirin: Synthesis, Structure, Conductivity and Magnetic Susceptibility**	https://www.ajouronline.com/index.php/AJAS/article/view/6284	2020
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