

الصورة الشخصية

السيرة الذاتية الأكاديمية للتدريسيين جامعة العين/ كلية التربية



المعلومات الشخصية والأكاديمية

الاسم الرباعي واللقب	أ.د/ عماد الدين المتولي القطوري
البريد الإلكتروني الجامعي	Emad.Eldin@alayen.edu.iq
رقم الهاتف	
القسم العلمي	الكيمياء
الكلية	التربية
الجامعة	جامعة العين العراقية

المؤهلات العلمية

الشهادة	التخصص	الجامعة	الدولة	سنة التخرج	ملاحظات
البكالوريوس	كيمياء	المنصورة	مصر	1999 م	
الماجستير	كيمياء فيزيائية	المنصورة	مصر	2004 م	
الدكتوراة	كيمياء فيزيائية	المنصورة	مصر	2008 م	

الشهادة واللقب العلمي

آخر شهادة علمية	الدكتوراة
سنة الحصول عليها	2008
اللقب العلمي الحالي	أستاذ
تاريخ الحصول على اللقب العلمي	2025

الخبرة التدريسية والمواد التي تم تدريسها

التخصص

ت	المادة الدراسية
1	الكيمياء العامة
2	الكيمياء الفيزيائية
3	الكيمياء العضوية
4	الكيمياء الكهربائية
5	الكيمياء الحركية
6	كيمياء الديناميكا الحرارية
7	كيمياء السطوح
8	كيمياء الكم
التخصص العام	كيمياء

التخصص الدقيق	كيمياء فيزيائية
---------------	-----------------

مجال البحث العلمي

مجال /مجالات البحث العلمي	كيمياء كهربية – كيمياء التآكل ومعالجة الاسطح – كيمياء السطوح – الطاقة - النانوتكنولوجيا
---------------------------	--

البحوث المنشورة

عنوان البحث	المجلة /المؤتمر	سنة الن شر	المجلد/ العدد	الرابط / DOI	الفهرسة (Scopus/W oS/غيرها)	نوع المشار كة
Potentiometric and thermodynamic studies of 4- <i>p</i> -[N-2-(pyrimidyl) sulphonamino-phenylazo]-3-methyl-2-pyrazolin-5-one and its metal complexes	Bulletin of Electrochemistry	20 05	21		Scopus	الباحث الاخير والمرا سل
Potentiometric and Thermodynamic Studies of 3-Methyl-1-phenyl-{p-[p-(pyrimidin-2-yl)-sulfamoyl]phenylazo}-2-pyrazolin-5-one and its Metal Complexes	Chem. Pap	20 06	60		Scopus	الباحث الاخير والمرا سل
Pyrazolone derivatives as corrosion inhibitors for C-steel in hydrochloric acid solution	Desalination	20 06	201	doi:10.1016/j.desal.2006.03.519	Scopus	الباحث الاخير والمرا سل

الباحث الآخر والمرا سل	Scopus	DOI:10.5155/eurjchem.1.4.312-318.105	1	20 10	European Journal of Chemistry	Thiazole derivatives as corrosion inhibitors for C-steel in sulphuric acid solution
الباحث الأول والمرا سل	Scopus		18	20 11	Indian Journal of Chemical Technology	Removal of some thiazole dyestuffs from aqueous media by adsorption onto different types of carbon
الباحث الثاني	Scopus	http://dx.doi.org/10.1016/j.jallcom.2012.10.038	553	20 13	Journal of Alloys and Compounds	Photocatalytic degradation of methylene blue dye using Fe ₂ O ₃ /TiO ₂ nanoparticles prepared by sol-gel method
الباحث الرابع	Scopus		2	20 14	International Journal of Advanced Research	Potentiometric and Thermodynamic Studies of Some Schiff- base Derivatives of 4- Aminoantipyrine and Their Metal Complexes
الباحث الثالث والمرا سل	Scopus	http://dx.doi.org/10.1016/j.molliq.2014.07.034	199	20 14	Journal of Molecular Liquids	Removal of bromophenol blue dye from industrial waste water by synthesizing polymer-clay composite
الباحث الثاني	Scopus	doi: 10.20964/2017.10.64	12	20 17	International Journal of ELECTROCHEMICAL SCIENCE	Methanol Extract of Slanum Nigrum as Eco-Friendly Corrosion Inhibitor for Zinc in Sodium

						Chloride Polluted Solutions
الباحث الأول	Scopus	doi: 10.20964/2018.05.05	13	2018	International Journal of ELECTROCHEMICAL SCIENCE	Electrochemical and Theoretical Evaluation on the Corrosion Inhibition of Carbon Steel by Organic Selenides in Acidic Medium
الباحث الثالث	Scopus	DOI: 10.24214/jcbps.A.8.3.40728	8	2018	Journal of Chemical, Biological and Physical Sciences	Corrosion inhibition evaluation of tetraclinis articulata extract on mild steel in HCl solution
الباحث الأول	Scopus	https://doi.org/10.1515/zpch-2019-1377	233	2019	.Z. Phys. Chem	The Synergistic Impact of the Aqueous Valerian Extract and Zinc Ions for the Corrosion Protection of Mild Steel in Acidic Environment
الباحث الأول والمراسل	Scopus	DOI: 10.1039/c9ra03603b	9	2019	RSC Advances	Impact of some pyrrolidinium ionic liquids on copper dissolution behavior in acidic environment: experimental, morphological and theoretical insights
الباحث الثاني والمراسل	Scopus	https://doi.org/10.1515/zpch-2019-1518	235	2021	.Z. Phys. Chem	Sol-Gel Sonochemical Triton X-100 Templated Synthesis of Fe ₂ O ₃ /ZnO

						Nanocomposites Toward Developing Photocatalytic Degradation of Organic Pollutants
الباحث الأول والمراسل	Scopus	DOI: 10.1080/17518253.2019.1569728	12	2019	Green Chemistry Letters and Reviews	Assessment of the <i>Bassia muricata</i> extract as a green corrosion inhibitor for aluminum in acidic solution
الباحث الأول والمراسل	Scopus	https://doi.org/10.1016/j.surfcoat.2019.06.063	374	2019	Surface & Coatings Technology	Corrosion mitigation of carbon steel by spin coating with Ag-TiO ₂ gel films in acidic solution: Fabrication, characterization, electrochemical and quantum chemical approaches
الباحث الأول والمراسل	Scopus	DOI: 10.1134/S1023193519120048	55	2019	Russian Journal of Electrochemistry	Inhibitive Properties and Computational Approach of Organoselenides on Mild Steel Corrosion in Acidic Environment
الباحث الأول والمراسل	Scopus		65	2020	J. Chil. Chem., Soc	SYNERGISTIC CORROSION INHIBITION ACTIVITY OF THE CHICORIUM TINTYBUS

						EXTRACT AND IODIDE IONS FOR MILD STEEL IN ACIDIC MEDIA
الباحث الثاني	Scopus	https://doi.org/10.1016/j.dyepig.2019.108146	175	20 20	Dyes and Pigments	Luminescent coatings: White-color luminescence from a simple and single chromophore with high anticorrosion efficiency
الباحث الأول	Scopus	https://doi.org/10.1016/j.jphotochem.2020.112403	392	20 20	Journal of Photochemistry & Photobiology A: Chemistry	Impact of CdS/SnO ₂ heterostructure d nanoparticle as visible light active photocatalyst for the removal methylene blue dye
الباحث الأول	Scopus	DOI: 10.1134/S207020512005010X	56	20 20	Protection of Metals and Physical Chemistry of Surfaces	The Role of Echium Angustifolium Mill Extract in The Corrosion Mitigation of Carbon Steel in Sulfuric Acid Solution
الباحث الأول والمراسل	Scopus	https://doi.org/10.1016/j.molliq.2021.116467	337	20 21	Journal of Molecular Liquids	Electrochemical, XPS and theoretical examination on the corrosion inhibition efficacy of stainless steel via novel imidazolium ionic liquids in acidic solution

الباحث الأخير والمرا سل	Scopus	https://doi.org/10.1016/j.molliq.2021.116823	339	20 21	Journal of Molecular Liquids	Assessment of H ₂ O ₂ /albumin and glucose on the biomedical iron alloys corrosion in simulated body fluid: Experimental, surface, and computational investigations
الباحث الأول	Scopus	DOI 10.1108/ACMM-03-2021-2460		20 21	Anti-Corrosion Methods and Materials	The inhibition activity of lemongrass extract (LGE) for mild steel acid corrosion: Electrochemical, surface and theoretical investigations
الباحث الأول والمرا سل	Scopus	https://doi.org/10.1016/j.colsurfa.2021.128153	636	20 22	Colloids and Surfaces A: Physicochemical and Engineering Aspects	Sol-gel synthesis of mesoporous NiO/ZnO heterostructure nanocomposite for photocatalytic and anticorrosive applications in aqueous media
الباحث الأخير والمرا سل	Scopus	https://doi.org/10.1016/j.molliq.2022.119177	358	20 22	Journal of Molecular Liquids	Synthesis and characterization of novel ionic liquids based on imidazolium for acid corrosion inhibition of aluminum: Experimental, spectral, and computational study

الباحث الآخر والمرا سل	Scopus	https://doi.org/10.1680/jsuin.22.00017		20 22	Surface Innovations	Anticorrosion and surface evaluation of Ni-Co-TiO ₂ coatings in 3.5wt.% NaCl solutions
الباحث الثالث والمرا سل	Scopus	https://doi.org/10.1016/j.molliq.2022.119506	360	20 22	Journal of Molecular Liquids	Synthesis, experimental and theoretical studies of two aryl-azo derivatives clubbed with 2- acetylphenol and their application as novel luminescent coatings with high anticorrosion efficiency
الباحث الثاني	Scopus	DOI: https://doi.org/10.30574/wjaets.2021.3.2.0069	3	20 21	World Journal of Advanced Engineering Technology and Sciences	Improving the quality of superphosphate fertilizer resulting from the use of low- quality phosphate rock
الباحث الأول والمرا سل	Scopus	https://doi.org/10.1016/j.colsurfa.2022.129391	649	20 22	Colloids and Surfaces A: Physicochemi- cal and Engineering Aspects	Imidazole derivatives based on glycourils as efficient anti- corrosion inhibitors for copper in HNO ₃ solution: Synthesis, electrochemical , surface, and theoretical approaches
الباحث الأول والمرا سل	Scopus	https://doi.org/10.1016/j.arabjc.2022.104373	15	20 22	Arabian Journal of Chemistry	Anti-corrosion and anti- microbial evaluation of

						novel water-soluble bis azo pyrazole derivative for carbon steel pipelines in petroleum industries by experimental and theoretical studies
الباحث الرابع	Scopus	https://doi.org/10.1021/acsomega.3c02333	8	2023	ACS Omega	Electrochemical Investigation of C-Steel Corrosion Inhibition, In Silico, and Sulfate-Reducing Bacteria Investigations Using Pyrazole Derivatives
الباحث الثاني والمراسل	Scopus	DOI: 10.21608/EJCHEM.2023.238757.8663	67	2024	Egyptian Journal of Chemistry	Synthesis, characterization, and heavy metal removal efficiency of zinc sulfide nanoparticles (zsn's)
الباحث الثاني	Scopus	DOI: 10.1039/d4ra00158c	14	2024	RSC Advances	An examination of the effectiveness of the expired drug isoprinosine in preventing aluminum corrosion in alkaline solutions using both computational and experimental techniques
الباحث الاخير	Scopus	DOI: 10.1080/01932691.2024.2351907		2024	Journal of Dispersion	Sol-gel synthesized Cu/ZnS

المرا سل					Science and Technology	nanocomposite s for photocatalytic dye degradation and antibacterial activity
الباحث الثالث	Scopus	https://doi.org/10.1016/j.jallcom.2024.176455	1007	20 24	Journal of Alloys and Compounds	MgOMo2C/mu ltiwalld carbon nanotube composite for high- performance supercapacitor applications
الباحث الثاني	Scopus	doi: 10.17675/2305-6894-2025-14-1-8	14	20 25	Int. J. Corros. Scale Inhib	Potential of aqueous Cupressus macrocarpa extract (CME) as eco-friendly corrosion inhibitor against aluminum in HCl environment
الباحث الاخير والمرا سل	Scopus	https://doi.org/10.1038/s41598-024-84041-8	15	20 25	Scientific Reports	Experimental and theoretical assessment to investigate the impact of Gast Reg drug on the copper corrosion control in an acidic environment
الباحث الثالث	Scopus	https://doi.org/10.1002/poc.70005	38	20 25	Journal of Physical Organic Chemistry	A Computational Prediction: Enhancing Visible Light Harvesting Through Minor Modification of Donor Moiety

						in Triphenylamine -Based Dyes for DSSCs
الباحث الآخر والمرا سل	Scopus	https://doi.org/10.1016/j.electacta.2025.146293	528	20 25	Electrochimica Acta	FCNTs@CoS2 composite for supercapacitor applications: Electrochemica l measurements and theoretical calculations

روابط الحسابات والمنصات الأكاديمية

http://orcid.org/0000-0001-9693-9546	ORCID
http://scholar.google.com/citations?user=Vmo_6nIAAAAJ&hl=en	Google Scholar
https://h1.nu/1FAz8	ResearchGate
https://www.scopus.com/authid/detail.uri?authorId=12041149800	Scopus Author ID