السيرة العلمية



الاسم: الدكتور هادي سلمان عباس اللامي

اللقب العلمي: أستاذ

البريد الإليكتروني:

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التأهيل والاعتماد

الاختصاص العام		الكيمياء الفيزيائية العضوية	
الاختصاص الدقيق		البوليمرات الصناعية	
البلد	الجامعة	سنة التخرج	الشهادة
العراق	صلاح الدين	1977	البكالوريوس
العراق	صلاح الدين	1979	الماجستير
بريطانيا	سسكس	1989	الدكتوراه

التدريس

(أ) الدراسات الأولية

Course name	أسم الدرس
Occupational health and safety	الصحة والسلامة المهنية
Industrial Chemistry	الكيمياء الصناعية
Polymer Chemistry	كيمياء البوليمرات
Petroleum Chemistry	كيمياء النفط
Petrochemical Chemistry and Technology	تكنولوجيا وكيمياء البتروكيمياويات
Polymer Processing	تصنيع بوليمرات
Environmental Industrial Pollution	التلوث الصناعي البيئي
Graduation project	مشروع تخرج
MSc Courses	**Ph.D. courses**
Polymers Additives	Advanced Polymer Chemistry (II)
Biopolymers degradation & Applications	Advance Inorganic Polymers
Polymer Fillers	Polymer Dispersion Stability
Colloidal Surface & Interface	New Trends in Polymers
Biomaterials	Organometallic Polymers
Advanced Polymer Chemistry (I)	Polymer Spectroscopy

الإشراف على
الدراسات العليا

Date	Degree	Univ./Coll./Dept.	Student Name
2022	Ph.D.	Basrah/Science/Chemistry	Sara H. Mutasher
2022	Ph.D.	Basrah/Science/Chemistry	Abdullah A. Abdullah
2021	M.Sc.	Basrah/Science/Chemistry	Hussein A. Al-Mosawi
2020	Ph.D.	Basrah/Science/Chemistry	Alaa A. Mizhir
2019	M.Sc.	Basrah/Science/Chemistry	Eman S. Al-Allaq
2019	Ph.D.	Basrah/Science/Chemistry	Maysoon H. Ziboon
2016	Ph.D.	Basrah/Science/Chemistry	Baqer A. Taher
2016	M.Sc.	Basrah/Science/Chemistry	Sara H. Mutasher
2015	Ph.D.	Basrah/Science/Chemistry	Zainab J. Sweah
2015	Ph.D.	Basrah/Science/Chemistry	Najat L. Ghali
2015	M.Sc.	Basrah/Science/Chemistry	Ulla K. Al-Khalidi
2014	M.Sc.	Basrah/Science/Chemistry	Mustafa H. Haider
2013	M.Sc.	Basrah/Science/Chemistry	Maysoon H. Ziboon
2012	M.Sc.	Basrah/Science/Chemistry	Mahir A. Jalal
2011	M.Sc.	Basrah/Science/Chemistry	Mahmood A. Al-Marzok
2009	M.Sc.	Basrah/Science/Chemistry	Haider A. Faraj
2008	M.Sc.	Basrah/Science/Chemistry	Najat L. Ghali
2007	Ph.D.	Baghdad/Education/Chemistry	Maha T. Sultan
2007	Ph.D.	Technology/Applied Science/Materials	Wafaa A. Al-Rawi
2007	M.Sc.	Technical College/Glass& Ceramics	Habaib A. Majeed
2006	High Diploma	Technical College/Glass& Ceramics	Riyadh B. Mohammad
2006	High Diploma	Technical College/Glass& Ceramics	Labeed K. Al-Fadhli
1999	M.Sc.	Technology/Applied Science/Materials	Inaam M. Abdulmajeed
1999	M.Sc.	Technology/Applied Science/Materials	Wafaa A. Al-Rawi
1998	M.Sc.	Technology/Applied Science/Materials	Ali I. Saleh
1998	M.Sc.	Technology/Applied Science/Materials	Shameran A. Sakharia

الدورات وورش العمل	Year	Country
Chemical Risk Management Curriculum Development Workshop	2022	Turkey
Low-Tech Threats Awareness for Universities Chemical Security Groups	2019	Turkey
Introductory course specialized in chemical risks and ways to deal with it	2017	Iraq
Specialized course in storing chemicals and how to keep them safe	2017	Iraq
Chemical, biological, and radiation safety course	2016	Iraq
The first national conference on biological and chemical security	2016	Iraq
Chemical, biological, radiological, and nuclear safety and security workshop	2015	Iraq
Chemical safety and security oversight workshop	2015	Turkey
Iraq chemical safety and security for engineers workshop	2014	Malaysia
The workshop to rebuild the Iraqi chemical society	2012	Jordan

Technical review and professional skills development	**2011**	**Jordan**
Workshop on research management	**2011**	**Jordan**
Business development and commercialization workshop	**2009**	**Jordan**

الكتب المؤلفة	السنة	بلد الإصدار
Chemistry	**1982**	**Iraq**
Novolac-Ceramic Composite Materials as Flame Retardent Paint	**2014**	**Germany**
Physical Properties of Tetraaminophthalocyanine Grafted Polymers	**2015**	**Germany**
Smart Polymeric Chitosan Derivatives for Human Genomic Material	**2019**	**Germany**
Synthesis of Alumina Grafted Acrylic Acid for Adsorption of Phenols	**2020**	**Germany**
Liquid Crystalline of Polymers Grafted with Alumina	**2020**	**Germany**
Polymeric Chitosan Nanoparticles as Antituumor for Breast Cancer Cell Lines	**2021**	**Germany**
Graphene Oxide-Grafted-Polymers Interactions with Congo red and Bismarck Brown Dyes	**2021**	**Generis Publishing**

براءات الاختراع	
1	**معالجة الانسكاب النفطي برغوة البولي يوريثان المرنة المطعمة بمونومير متشابك كاره للماء 8142 في 2023/10/2** **Oil spill treatment with flexible polyurethane foam grafted with a hydrophobic cross-linked monomer 8142 in 2/10/2023**
2	**مبادل بوليمري أيوني موجب جديد لتنقية المياه الملوثة بالمعادن الثقيلة والعسرة الكلية 7954 (2023/3/7)** **New cationic polymer ion exchange resin to purify water contaminated with heavy metals and total hardness 7954 (2023)**
3	**تحضير وتقييم مشتق الكيتوسان الحامضي كمشتت جديد لمسحوق الألومينا السيراميكي 6753 (2021/8/23)** **Preparation and evaluation of the acid Chitosan derivative as a new dispersant for alumina ceramic powder 6753 (2021)**
4	**بوليمر حيوي نانوي مضاد لخلايا سرطان الثدي البشرية 6705 (2021/7/11)** **Nanoparticle Biopolymer Against Human Breast Cancer Cells, 6705 (2021).**
5	**مشتقات الكيتوسان الأنهيدريدية الذكيه الجديدة كمواد ناقلة للمادة الوراثية البشرية 5945 (2019/10/16)** **Preparation and use of smart chitosan-anhydride derivatives as new human genome carriers, 5945 (2019).**
6	**تحضير وفحص طلاء عراقي جديد كمثبط للهب الحرائق 3843 (2014/3/26)** **Preparation and testing of new Iraqi paint for fire retardancy, 3843 (2014).**
7	**تصميم منظومة لاستخدام الراتنج الأيوني الموجب القوي المستهلك المعاد فعاليته لسحب ملوثات مياه المراجل البخارية واعادة تدويرها في عملية انتاج الكهرباء، 3698 (2013/11/27).** **System design to use the regenerated consumptive sulfonated polystyrene resin in the electricity production process, 3698 (2013).**
8	**مشتتات مائية متعددة الهيدروكسيل للمساحيق السيراميكية، 3245 (2008/7/13).** **Water-soluble polyhydroxylic dispersants for ceramic powders, 3245 (2008).**
9	**تصنيع سيراميك خفيف الوزن بطريقة الانتفاخ الكيمياوي، 3210 (2007/2/5).** **Manufacturing of lightweight ceramics by chemical swelling method, 3210 (2007).**
10	**إزالة اللون من زجاج جير الصودا العراقي، 3183 (2004/4/14).** **Decolourization of Iraqi soda-lime glass, 3183 (2004).**
11	**تصنيع مرشحات سيراميكية وزجاجية من مواد أولية محلية، 2996 (2001/9/23).** **Manufacturing of ceramic and glass filters from local raw materials, 2966 (2001).**

12	مواد مزيتة بوليمرية جديدة لمسحوق الألومينا في الكبس الجاف، 2948 (2001/9/4). New polymeric lubricant for dry pressing alumina powder, 2948 (2001).
13	استخدامات صناعية جديدة لحامض الفولفيك، 2683 (1997/10/30). New industrial utilizations for fulvic acid, 2683 (1997).
14	مشتت بوليمري جديد لصناعة الرقائق السيراميكية، 2555 (1995/11/7). New polymeric dispersants for manufacturing ceramic films, 2555 (1995).
15	كاشف جديد لقياس فيض النيوترونات السريعة وجرع أشعة كاما، 2499 (1993/10/18). A new detector for measuring fast neutron influences and gamma doses, 2499 (1993).

No.	البحوث المنشورة
1	Synthesis of Functionalized Flexible and Rigid Polyurethane for Oil Spill Treatment, J. Mex. Chem. Soc. 2024, 68(2), 264-279.
2	The effect of grafted polyurethane on oil spill remediation in the aquatic environment, Analytical Methods in Environmental Chemistry Journal, 6(2), 42-54 (2023).
3	Recycling of Chitosan-Source Waste to Remove Heavy Meta Ions from Polluted Water, Bas J Sci 41(1) (2023)165-177.
4	Analytical study of survey results of chemical safety and security curriculum in iraqi academic institutions, UNESA Journal of Chemical Education, 12(2), 148–155, 2023.
5	Flexible polyurethane foam with improved oleophilic and hydrophobic properties for oil spill cleaning, Petroleum Science and Technology, 1-16 (2022).
6	Adsorption process for removing hazardous Congo red dye from aqueous solutions: isotherm, kinetic, and thermodynamic studies, Desalination and Water Treatment, 280 (2022) 177–187.
7	Preparation and study of some physical and mechanical properties of plasticized chitosan films, Bas. J. Sci., 40(3 (2022) 630-648.
8	Preparation of Chitosan Films Plasticized by Lauric and Maleic Acids, Anal. Methods Environ. Chem. J. 5 (4) (2022) 43-54.
9	Chemically Plasticized Chitosan Films by Grafting Succinic Acid: Surface Roughness and Mechanical Properties, International J. Membrane Science and Technology, 2022, 9, 33-39.
10	The effect of different molecular weight chitosan on the physical and mechanical properties of plasticized films, European Journal of Chemistry, 13 (4) (2022) 460-467.
11	Synthesis and Characterization of Novel Nano Six-arms of (polylactide-dipentaerythritol)-block-N-hydroxyethyl Acrylamide and N,N-dimethylamino Ethyl Methacrylate Biocopolymers by Atom Transfer Radical Polymerization, Mater. Plast., 59 (2), 50-60, 2022.
12	New Bis-Chalcon Long-Chain Alkyl Amide Derivatives Synthesized Via Direct Reaction, Journal of Kufa for Chemical Science, 2(8), 128-143, 2022.
13	Synthesis and Characterization of some Recycled Polystyrene and Chitosan Based Copolymers for Water Hardness Removal, Basrah Journal of Science, 39(3), 496-514, 2021
14	Kinetic, isotherm, and thermodynamic study of Bismarck Brown Dye Adsorption onto Graphene Oxide and Graphene Oxide-Grafted-Poly(n-butyl methacrylate-co-methacrylic Acid), Accepted for publication in Baghdad Journal of Science, 19(1), 132-140, 2022.
15	Regenerating of consuming ion-exchange resin by graft polymerization for steam boiler wastewater treatment, Desalination and Water Treatment 222, 127–136 (2021).
16	Determination of Trace Nitrite Amounts in Soil by Developed Cloud Point Extraction-Spectrophotometry Method, Egypt. J. Chem. 64(7), 3853 - 3859 (2021).
17	Synthesis, Characterization and Cytotoxicity Investigation of Chitosan-Amino Acid Derivatives Nanoparticles in Human Breast Cancer Cell Lines, J. Mex. Chem. Soc., 65(2), 178-188 (2021).
18	Synthesis of some nano multi arms polylactide-dipentaerythritol organic polymers, J. Mex. Chem. Soc., 64(4), 253-263 (2020).
19	Adsorption of carcinogenic dye congo red onto prepared graphene oxide-based composites, Desalination and Water Treatment, 202, October, 381–395 (2020).
20	Chemical functionalization graphene oxide for the adsorption behavior of Bismarck Brown dye from aqueous solutions, 63(5), 1679-1696 (2020)

21	**Synthesis of Novel Chitosan-Grafted-Derivatives Nano Cationic Polymers as Antitumor Agents, IOP Conference Series: Materials Science and Engineering, 871, 2020, 012024.**
22	**Effect of Silica Particle Size on the Physical and Mechanical Properties of Lightweight Ceramic Composites, Rev. Chim., 71(5), 65-74 (2020).**
23	**A study of cellular toxicity of some nano cationic polymers in BT, MCF7 and SKBR3 breast cancer cell lines, AAJMS, 3(1), 74-83 (2020).**
24	**Synthesis and adsorption study of some chitosan acid derivatives as dispersants for ceramic alumina powders, Egyptian J. Chemistry, Egypt. J. Chem., 63(7), 2717-2736 (2020).**
25	**Recycling of polystyrene waste as sulfonated plasticizers for oil-well cement**
26	**Synthesis and thermal stability with microstructure study of some chitosan-dicarboxylic acids grafted copolymer (Accepted in Iraqi J. Polymers, 3/11/2019)**
27	**In vitro degradation study of polymers prepared from sebacoyl chloride with (di)ethylene glycol monomers and polymer, Basrah Journal of Science, 37(2), 192-205 (2019).**
28	**Synthesis of polymeric chitosan derivative Nanoparticles and their MTT and flow cytometry evaluation against breast carcinoma cell, J. Physics: Conf. Series 1279 (2019) 012070**
29	**Synthesis and characterization of alumina-grafted acrylic acid monomer and polymer and its adsorption of phenol and p-chlorophenol, J. Desalination and Water Treatment, 150, 192–203 (2019).**
30	**Comparative cytotoxicity and genotoxicity assessments of chitosan amino acid derivative nanoparticles toward human breast cancer cell lines, Egypt. J. Chem. 62(11), 2061- 2075 (2019).**
31	**Anti-tumor Effects of Chitosan-grafted Cationic Polymer Nanoparticles against Human Breast Cancer Cell Lines, Nano Tech Appl. 2019; 2(1): 1-5.**
32	**Synthesis and crystal structure of new poly(organicinorganig) polymers poly[cu(no2-acac)2]n, Struct Chem Crystallogr Commun, 4, 64 (2018).**
33	**The effect of synthesized chitosan grafted poly(L-lactide) on human genetic material, REVISTA INNOVACIENCIA Journal, 6(1), 1-10 (2018).**
34	**Synthesis and thermal properties of poly(Poss Lactide-B- N-hydroxyethyl ccrylamide) nano star-shape block copolymers, Polym. Sci. Appl. 1:3 (2017).**
35	**Treatment, identification and security of existence unlabeled chemicals, J. Pharm. Chem. Biol. Sci., International Journal of Advanced Research and Development, 2(4), 108 (2017).**
36	**Characterization and thermal stability of Nano eight arm copolymers synthesized by atom transfer radical polymerization, Karbala Intern. J. Modern Sci. 3(2), 83-92 (2017).**
37	**Description of workshop on implementing effective chemical safety and security in Basrah and Basrah for oil and gas Universities/Basrah/Iraq, International Journal of Advanced Research and Development, 2(4), 191 (2017).**
38	**Synthesis and crystal structure of poly{bis-(3-nitro-2,4-pentanediono)-copper(II)}, $[Cu(NO_2\text{-}acac)_2]_n$, European Journal of Chemistry, 8(2), 109 (2017).**
39	**Preparation and release study of biodegradable L-lactide IPN's insulin delivery, Polym. Sci., 3(1:4), 1, (2017).**
40	**Effect of ferrocene concentration on the percent conversion and molecular weight of poly(Methyl methacrylate) homopolymers, Baghdad J. Sci., 14(2), 311 (2017).**
41	**Thermal properties of some waste industrial reinforced unsaturated polyester, AL-Bahir Quarterly Refereed Journal for Natural and Engineering science, 6(10-11) and 11, 69-77 (2017).**
42	**Preparation of some chitosan derivatives and study their effect on human genetic material, Der Pharma Chemica, 8(11), 125 (2016).**
43	**Effect of chitosan derivatives grafted poly(ethylene glycol) on the interaction with DNA, Iraqi J. of Polymers, 19(1), 1(2016).**
44	**Biodegradation studies *in vitro* of novel poly(adipic anhydride-co-mannitol)-N-maleoyl chitosan networks, Baghdad J. Sci., The 2nd National Conference of Chemistry, Baghdad Science Journal,13(2), 210 (2016).**
45	**Synthesis, characterization and thermal properties of the nano four arms poly(pentaerythritollactide-b-N,N-dimethylaminoethyl methacrylate derivatives, European Journal of Chemistry, 7(4), 405 (2016).**
46	**Preparation and swelling behavior of L-lactide interpenetrating networks, Open Journal of Organic Polymer Materials, 6, 119 (2016).**

47	**Synthesis, characterization and cytotoxicity study of poly(ethylene glycol)-hexamethylene sebacamide biopolymer, Iraqi Journal for Mechanical and Material's Engineering, Special Vol, Part II, 442 (2016).**
48	**A study on fatigue properties of compacts obtained from ready-made and polymer grafted alumina, ARPN Journal of Engineering and Applied Sciences, 11(13), 8008 (2016).**
49	**Sizing and thermal stability of prepared tetraaminophthalocyaninatocopper(II) derivatives-grafted polymers, Baghdad J. Sci., The 2nd National Conférence of Chemistry, 13(2), 221 (2016).**
50	**Laboratory-safety and security concepts for Basrah University students, employers and teachers, J. Pharm. Chem. Biol. Sci., 4(2), 160 (2016).**
51	**Ferrocene as accelerator for free radical copolymerization of methyl methacrylate/methacrylic acid monomers, Iraqi J. Polymers, 18(1), 65-70, (2015).**
52	**Synthesis, characterization of nano four arms poly(Lactide-b-N-hydroxyethyl acrylamide) via ATRP, Research J. of Pharmaceutical, Biological and Chemical Science, 6(6), 1269 (2015).**
53	**Synthesis, characterization and thermal behavior of four arms poly(L-lactide) via ring opening polymerization, Chemistry and Material Research, 7(9), 54 (2015).**
54	**Electronic and optical properties of 3,3´,3´´,3´´´- and 4,4´,4´´,4´´´-tetraaminophthalocyantocopper (II) grafted with different polymers, Chemistry and Materials Research, 7(2), 11 (2015).**
55	**New limited molecular weight polymeric dispersants prepared by melt condensation polymerization, Chemistry and Materials Research, 6(2), 12 (2014).**
56	**Biodegradation and cellular toxicity studies of the poly(ethylene glycol)-sebacic acid polymers, International Journal of Advanced Research, 2(2), 159 (2014).**
57	**Effect of temperature on the dispensability of the grafted acrylic onto alumina particles, Ibn El-Haythim Journal, 25(3), 213 (2012).**
58	**Effect of Grafted Acrylic Monomer and its Polymer onto Alumina Particle Size and Sediment Rate of Settling, Iraqi J. of Polymers, 16 (2), 67 (2012).**
59	**Free-Radical Grafting Polymerization of Acrylamide monomer to Increase Efficiency of Consumed Cationic Sulfonated Polystyrene Resin, Basrah Journal of Science (C), 30(1), 147-155 (2012).**
60	**Thermal analysis of alumina grafted with acrylic acid and its polymeric Schiff-base derivatives, Basrah Journal of Science (C), 30(1), 17-26 (2012).**
61	**Processing of ceramic filters from Iraqi raw materials**
62	**Self-glazed ceramics using chemical swelling of zing-metal powder, Basrah J. Chem., 28(1), 60 (2011).**
63	**Studying the effect of addition some ceramic powders on the flame retardance properties of novolac resin composites, J. Al-Taqani, 24(2), 145 (2011).**
64	**Studying the effect of addition some ceramic materials on the mechanical properties of novolac resin, AL-Taqani, 24(2), 145 (2011).**
65	**Synthesis and characterization of alumina grafted polymeric liquid crystalline derivatives, The Iraqi J. Mechanical and Material Eng., University of Babylon, Issue (A), 12 (2011).**
66	**Mechanical strength of alumina compacts lubricated with poly (methacrylic acid esters) copolymers, Iraqi J. Physics, 8(11), 48 (2010).**
67	**Processing of ceramic compacts from kaolin-Arabic gum system, J. the First Specialized National Conference in Chemistry, 2, 218 (2010).**
68	**Effect of solvents on final properties of settled alumina particles, Iraqi J. Polymers, 14(3), 14 (2010).**
69	**Synthesis and free-radical alumina-grafting polymerization of acrylic acid monomer and their Schiff-base derivatives, Iraqi J. Polymers, 14(2), pp. 128-143 (2010).**
70	**Adsorption study of phenol and *p*-chlorophenol onto alumina-grafted different polymers, Iraqi J. Polymers, 14(2), 17 (2010).**
71	**Sulfonation of polystyrene and preparation of their salts as plasticizers for Iraqi Portland cement, The Iraqi J. of Mechanical and Materials Engineering, Part B, 344 (2010).**
72	**Syntheses and characterization of some sulfonated naphthalene-formaldehyde salt as plasticizers for Iraqi Portland cement, Iraqi J. Polymers, 14(1), 19-31, (2010).**
73	**Effect of addition some filler materials on the mechanical properties of epoxy-unsaturated polyester composites, Iraqi J. Polymers, 14(1), 48 (2010).**
74	**Enhancement of some thermal properties of polyunsaturated and epoxy resins composites, submitted paper for publication in Iraqi J. Polymers (2010).**
75	**Effect of polymeric alkyl side-chain on dispersion stability of alumina particles, J. Al-Taqani 22(3), 132**

	(2009).
76	**The effect of adding alumina and graphite particles to improve the mechanical properties of composites, Journal of Techniques, 22(3), 123-131 (2009).**
77	**Cheap bifluoride catalyst for group-transfer polymerization, Iraqi J. Polymers, 13(1), 11-22 (2009).**
78	**Particle size effect on dispersibility of kaolin powders in Arabic gum dispersants, J. Al-Taqani, 21(4), 123 (2008).**
79	**Evaluation of some water-soluble dispersants for different types of kaolin powders, J. Al-Taqani, 21(4), 95-(2008).**
80	**Influence of polymer chain length on packing density of green alumina beds, J. Al-Taqani, 21(1),1 (2008).**
81	**Effect of forming methods on the fabrication of controlled porous ceramics, J. Eng. Technology, 26(1), 16 (2008).**
82	**Preparation and studying the flame retardancy of novolac–ceramic composite, Iraqi J. Polymers, 12 (1), 143 (2008).**
83	**Disbersibility of alumina particles in the presence of additional free polymers, Iraqi J. Polymers, 12(4), pp. 65-76 (2008).**
84	**Polymer-solvent interaction effect on the dispersability of alumina particles, Iraqi J. Polymers 11(1), 43 (2007).**
85	**Effect of different polyhydroxylic dispersants on dispersion stability of kaolin powders, J. Al-Taqani, 19(2), 118 (2006).**
86	**Physical and mechanical properties of tape-casted alumina sheets, J. Al-Taqani, 19(2), 125 (2006).**
87	**Processing of lightweight ceramics using powder-mixing technique, Proceeding of 10th Conference of Foundation of Technical Teaching, March, 195 (2007).**
88	**Dispersion of alumina particles in controlled structure methacrylic copolymers, J. Al-Taqani, 18(2), 125 (2006).**
89	**Fabrication of high-strength alumina ceramics through colloidal grafting process, Iraqi J. Polymers, 9(1), 1 (2005).**
90	**Chemical swelling of aluminum metal powder in processing of controlled porous ceramics, J. Sci. Eng., 3(1), 105 (2005).**
91	**Spectroscopic investigation of equimolar *n*-butyl methacrylate/methacrylic acid copolymers, Iraqi J. Polymers, 9(1), 41 (2005).**
92	**Group-transfer copolymerization of *2*-ethylhexyl methacrylate with methacrylic acid, Mu'tah Lil-Buhooth for Natural and Applied Sciences, 18(3), 43 (2003).**
93	**Fabrication of ceramic films using alumina/ethanol system, J. Al-Taqani, 6, 86 (2004).**
94	**On tacticity of different alkyl methacrylate homopolymers prepared by group-transfer polymerization, Iraqi J. Chem., 28(3) (2002).**
95	**Fabrication of glass filters from crushed Iraqi sheet glass, J. Eng. Technology, 21(3), 176 (2002).**
96	**Light and heat durability of reed's cellulose fibers, Damascus J. University, 19(2), 43 (2002).**
97	**Enhancement of physical and mechanical properties of porous ceramics, J. Eng. Technology (2002).**
98	**Using non-ferrous metals in processing of porous ceramics, J. Eng. Technology, 21(21), 703 (2002).**
99	**Effect of particle diameter on the rate of breakage, J. Al-Taqani, 96, 30 (2001).**
100	**Chemical decolorization of Iraqi soda-lime glass, J. Al-Taqani, 97, 29 (2001).**
101	**Young's modulus and fracture toughness of sintered alumina compacts, J. Col. Edu., 10, 27 (2001).**
102	**Poly(methacrylic acid esters) copolymers as lubricating agent in dry pressing of alumina powders, J. Col. Edu., 10, 89, (2001).**
103	**The effect of cobalt and zinc on crystallization of zirconia gels, J. Eng. Technology, 19(3), 213 (2000).**
104	**New mathematical postulations for estimation the porosity and mechanical properties of lightweight ceramics, J. Eng. Technology, 19(4), 408 (2000).**
105	**The effect of addition of 0.1 wt% Y on oxidation of Ni in the temperature range 900-1100 °C, J. Eng. Technology, 18(5), 436 (1999).**
106	**Reactions of perfluoro-2,3,4,5-tetrahydropyridene with n-butyl amine, J. Al-Taqani, 41, 121 (1998).**
107	**New synthesis rout for perfluoro-2,3,4,5-tetrahydropyridine, J. Al-Taqani, 40, 55 (1998).**
108	**Rate of free radical polymerization measurements using laser beam deflection technique, J. Eng. Technology, 17(12), 1151 (1998).**

109	**Synthesis, characterization and capacity study of poly(N-(3-fluorophenyl)maleimide) as cationic resin, Iraqi J. Polymers, 2(1), 57 (1998).**
110	**Mechanical properties of some alumina /polymer composites, Babylon Uni. J., 3(5), 772 (1998).**
111	**Effect of mill diameter and mill speed on the surface area of the ground cement clinker, J. Al-Taqani, 41 (1998).**
112	**Thermal studies of polymer/alumina interface and evaluation of their adsorption isotherm, J. Eng. Technology, 17(6), 666 (1998).**
113	**New local dispersant for ceramic powders extracted from Iraqi soil. Proceeding of 6th Conference of Foundation of Technical Education, March 245 (1998).**
114	**Effect of mill diameter and mill speed on the breakage rate of the ground products, Proceeding of 6th Conference of Foundation of Technical Education, March, 280 (1998).**
115	**Fabrication and Mechanical properties of alumina/polymethacrylate composites, Proceeding of the 1st Scientific Conference of Al-Nahrain University, pp. 209-219 (1997).**
116	**Effect of mill speed on the breakage rate, 4th Basrah Engineering Conference, BEC'97, 683 (1997).**
117	**Effect of mill speed on the surface area of the ground product, J. Al-Taqani, 34, 41 (1996).**
118	**Composites of polymethacrylate grafted-alumina powders, Iraqi J. Chem. 21(1), 43 (1996).**
119	**Thermal studies for some Iraqi and imported cellulose, J. Al-Taqani, 31, 20 (1996).**
120	**Effect of mill diameter and feed size on the breakage rate, J. Al-Taqani, 30, 7 (1996)**
121	**New polymethacrylate dispersants for alumina particles prepared by group-transfer polymerization, Mu'tah Lil-Buhooth for Natural and Applied Sciences, 9(2), pp.199-216 (1994).**
122	**Investigation of group-transfer copolymerization of some alkyl acrylates with (meth)acrylic acid, Iraqi J. Chem., 18(2), 114 (1993).**
123	**Synthesis, characterization and analytical study of some methacrylate resins, Iraqi J. Chem., 18(2), 74 (1993).**
124	**Adsorption of poly(*n*-butyl methacrylate/methacrylic acid) copolymers on alumina powders, Basrah J. Sci., 11(1), 71(1993).**
125	**Controlled structure methacrylic copolymers as dispersants for ceramic processing, Chem. Mater., 4, 1200 (1992).**
126	**The effect of some initiator promoters on the rate of polymerization of styrene and methylmethacrylate, Iraqi J. Chem., 25(1-2), 21 (1984).**
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