



Curriculum Vitae

Ammar Bader (Ph.D.)
Full Professor in Phytochemistry and Pharmacognosy
Faculty of Pharmacy
Umm Al-Qura University

Personal details

Surname: Bader
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E-mail: ammariosio@yahoo.it, ambader@uqu.edu.sa
Nationality: Jordanian.
Date of Birth: 03-09-1968.
Place of Birth: Kuwait.
Gender: Male.

Profile: Full professor in chemistry of natural compounds.
Leader in the promotion of rational use of medicinal plant through teamwork performances and international collaborations. Promoter of scientific knowledge through extensive scientific publication and by foundation of social networks.
Award winning of strategic scientific projects with innovative methods of research.

Keywords: Phytochemistry, Natural Products, Phytotherapy, Bioactive Compounds, Alternative Medicine, Essential oils.

Key skills and experience

- **Scientific divulgation:** Ammar enjoy learning by stimulating a creative interaction with his students using advanced methods of learning and e-learning and by creating motivation and curiosity for his students.
- **Scientific development:** Ammar has the proven ability to discover new drugs from natural origin for the treatment of life threatening diseases such as cancer. He is particularly interested in the discovery of natural and safe remedies from plants origin and to prove their efficacy by using sophisticated methods including high technologies.
- **Community service:** Ammar has launched many initiatives for community services including seminars for medium and high educated peoples, conferences and foundation of informative sites in the social networks.
- **Facilitation:** Ammar facilitates groups by using a range of modern techniques to build skills and knowledge and to stimulate critical thinking, encourage discussion

Education:

Doctor of Philosophy (Ph.D.) in Sciences and Technology of Medicinal Plants, University of Pisa, Italy, 5-February-2001. Thesis title “ Phytochemical Studies on Italian and Jordanian Aromatic Plants”

Specialization in Pharmacognosy, University of Messina, Italy 12th –December-1996. Thesis title “Plant with anti-convulsant activity”

B.Sc. in Pharmacy, University of Messina, Italy, 26th-July-1993. Thesis title “ The metabolism of drugs in the lungs”

Academic positions:

15/2/2018 Full Professor of Chemistry of Natural Products and Pharmacognosy at Department of Pharmacognosy, Faculty of Pharmacy, Umm Al-Qura University.

5/9/2011 to 14/2/2018: Associate Professor of Chemistry of Natural Products and Pharmacognosy at Department of Pharmacognosy, Faculty of Pharmacy, Umm Al-Qura University.

29/11/2007 to 3/09/2011 Associate Professor of Chemistry of Natural Products and Pharmacognosy at Al-Zaytoonah Private University of Jordan.

16/09/2001 to 28/11/2007 Assistant professor of Chemistry of Natural Products and Pharmacognosy at Al-Zaytoonah Private University of Jordan.

Work Experiences:

Pharmacist: from 02-10-1995 to 28-02-1998 in the Pharmacy of Dr. Piero Maria Meo, at Novara di Sicilia, Messina Province, Italy.

Consultant.

Assistant Professor.

Associate professor.

Head of Department.

Principle and co-investigator in strategic scientific projects.

Full Professor.

Non Academic Responsibilities & Activities:

Founder member of AIDEMET. International Association of Traditional Medicine. Founded at Messina. Italy, 1995.

Languages

Arabic: mother tongue.

Italian: excellent.

English: very good.

IT. Skills:

Certificate of ICDL “International Computer Driving Licence”.

Memberships in Scientific Organizations:

AIDEMET. International Association of Traditional Medicine, 1995 to date.

Italian Society of Phytochemistry, 1999 to date.

SILAE (Italo-Latino American Society of Ethnopharmacology) 2010 to date.

Memberships in Professional Organizations:

Jordanian Pharmacist Association. 1993 to date:

President of the Scientific Committee in the Jordanian Pharmacist Association, 2004-2006.

Saudi Commission of Health Specialities 2017 to date

Grants for research and development:

	Project title	Sponsor	Role	Grant Value
1	Total phenolic content and antioxidant and free radical scavenging evaluation of some selected Saudi medicinal plants and their effect on some pathogenic microorganisms.	Umm Al-Qura University. Saudi Arabia. 2012	PI	188.800 Saudi Riyal (USA \$50.300)
2	Identification of active constituent isolated from <i>Azadirachta indica</i> growing in Makkah AlMukarramah and evaluation of their antioxidant and cytotoxic activity.	Umm Al-Qura University. Saudi Arabia. 2012	CoI	150.400 Saudi Riyal (USA \$40.000)
3	Develop MNP formulation contains <i>Terminalia bellirica</i> extracts to treat burn patients infected by <i>Pseudomonas aeruginosa</i>	King Abdul-Aziz City for Science and Technology. Saudi Arabia. 2015	CoI	2.000.000 Saudi Riyal
4	Plants with Potential Anti-cancer Effect: Phytochemical, Biological and Mechanistic Studies. Development of the Production of Active Natural Compounds <i>in vitro</i> and the Optimization of the Biological Activity by Chemical Modifications.	King Abdul-Aziz City for Science and Technology. Saudi Arabia. 2012	PI	2.000.000 Saudi Riyal (USA \$ 533.000)
5	HPLC Analysis of the secondary metabolites from plant.	University of Pisa, Italy 2001	PI	4.000.000 Italian Lira (USA \$ 2720)
6	study for the exploitation and development of officinal flora of Novara Di Sicilia.	Municipality of Novara di Sicilia, Messina Province. Italy. 1999	PI	5.000.000 Italian Lira (USA \$ 3.400)

Awards

Al-Zaytoonah University Best Researchers Award donated by the Minister of Health Dr Nayef Al-Fayez in occasion of the 3rd International Pharmaceutical Conference 20th /10/2010.

Teaching:

Chemistry of Natural Products I, II.

Phytotherapy.

Poisonous Plants.

Pharmacognosy (I,II,III,IV)

Practical Pharmacognosy.

Complementary and Alternative Medicine

Instrumental Analysis.

Examiner, supervisor and referee for postgraduated students:

Ph.D. student examiner:

Ph.D. candidate: Muhammad Kamran

PhD Thesis title: Olive (*Olea europaea*, L.) leaf biophenols as nutraceuticals

Supervisor: Dr Hassan Kamal Obied

Co supervisors: Dr Christopher James Scott and Dr Adam Scott Hamlin
Charles Stuart University, Australia.

Ph.D. Students Referee:

Ph.D. candidate: Beaudelaire Ponou Kenvoufo

Supervisor: Professor Luciano Barboni

Ph.D. Thesis title: Phytochemical investigation of secondary metabolites from three Camerounian medicinal plants: *Terminalia ivorensis* A. Chev., *Cussonia bancoensis* Aurev. & Pellegr. and *Cordyline fruticosa*.

University of Camerino: SCHOOL OF ADVANCED STUDIES Doctorate Course in Chemical Science PhD Thesis Cycle XXV-Scientific-sector.

Master's Students External Examiner.

1- Master Candidate: Rawan Arif Mohammad Hwetat

Supervisor: Professor Ghassan Shattat

Master Thesis Title: In vivo hyperlepidemic properties of novel pyrrole 2-carboxamide derivatives on Triton WR-1339-induced hyperlipidemic rats.

Al-Zaytoonah University of Jordan.

First Cycle 19th August 2013.

2- Master Candidate: Basma Abdulrahim Othman

Supervisor: Professor Riyadh Awad.

Master Thesis: Quality control of *Pelargonium* containing pharmaceutical preparations.

Petra University of Jordan

First Cycle 7th June 2009.

List of Publications:

1.	Amin, S.M., Hassan, H.M., El Gendy, A.E.-N.G., El-Beih, A.A., Mohamed, T.A., Elshamy, A.I., Bader, A., Shams, K.A., Mohammed, R., Hegazy, M.-E. Comparative chemical study and antimicrobial activity of essential oils of three <i>Artemisia</i> species from Egypt and Saudi Arabia. <i>Flavour and Fragrance Journal</i> 2019, In Press
2.	D'Ambola, M., Fiengo, L., Chini, M.G., Cotugno, R., Bader, A., Bifulco, G., Braca, A., De Tommasi, N., Dal Piaz, F. Fusicoccane Diterpenes from <i>Hypoestes forsskaolii</i> as Heat Shock Protein 90 (Hsp90) Modulators <i>Journal of Natural Products</i> Volume 82, Issue 3, 22 March 2019, Pages 539-549

3.	Merouane, A., Saadi, A., Noui, A., Bader, A. Evaluation of phenolic contents and antioxidant properties of the leaves and flowers of <i>Phlomis biloba</i> Desf. <i>International Food Research Journal</i> Volume 26, Issue 1, February 2019, Pages 167-173
4.	Iannuzzi, A.M., Camero, C.M., Dambola, M., Dangelo, V., Amira, S., Bader, A., Braca, A., De Tommasi, N., Germanò, M.P. Antiangiogenic Iridoids from <i>Stachys ocymastrum</i> and <i>Premna resinosa</i> <i>Planta Medica</i> Volume 85, Issue 11-12, 2019, Pages 1034-1039
5.	Bader, A., Abdallah, Q.M.A., Abdelhady, M.I.S., De Tommasi, N., Malafronte, N., Shaheen, U.a, Bkhaitan, M.M., Cotugno, R. Cytotoxicity of some plants of the asteraceae family: Antiproliferative activity of <i>Psiadia punctulata</i> root sesquiterpenes. <i>Records of Natural Products</i> Volume 13, Issue 4, 2019, Pages 307-315
6.	Bedini, S., Flamini, G., Ascrizzi, R., Venturi, F., Ferroni, G., Bader, A., Girardi, J., Conti, B Essential oils sensory quality and their bioactivity against the mosquito <i>Aedes albopictus</i> . <i>Scientific Reports</i> Volume 8, Issue 1, 1 December 2018, Article number 17857
7.	D'Ambola, M., Bosco, A., Ariano, A., Rinaldi, L., Bader, A., Amadesi, A., Cringoli, G., Severino, L. In Vitro anthelmintic efficacy of <i>hypoestes forskalii</i> (Vahl) R.Br (<i>Acanthaceae</i>) extracts on gastrointestinal nematodes of sheep. <i>Veterinary Sciences</i> Volume 5, Issue 4, 1 December 2018, Article number 89
8.	. Dal Piaz, F., Bader, A., Malafronte, N., D'Ambola, M., Petrone, A.M., Porta, A., Ben Hadda, T., De Tommasi, N., Bisio, A., Severino, L. Phytochemistry of compounds isolated from the leaf-surface extract of <i>Psiadia punctulata</i> (DC.) Vatke growing in Saudi Arabia. <i>Phytochemistry</i> Volume 155, November 2018, Pages 191-202
9.	Abdallah, Q., Al-Deeb, I., Bader, A., Hamam, F., Saleh, K., Abdulmajid, A. Anti-angiogenic activity of Middle East medicinal plants of the <i>Lamiaceae</i> family. <i>Molecular Medicine Reports</i> Volume 18, Issue 2, August 2018, Pages 2441-2448
10.	Shaheen, U., Ragab, E.A., Abdalla, A.N., Bader, A. Triterpenoidal saponins from the fruits of <i>Gleditsia caspica</i> with proapoptotic properties <i>Phytochemistry</i> . (2018), 145, 168-178.
11.	Bader, A., Shaheen, U., Aborehab, M.A.S., El Ouadi, Y., Bouyanzer, A., Hammouti, B., Ben Hadda, T. Inhibitory effects of <i>Acacia hamulosa</i> methanolic extract on the corrosion of mild steel in 1 M hydrochloric acid <i>Bulletin of the Chemical Society of Ethiopia</i> . (2018), 32, 323-335.
12.	Al-Assi, A.; Al-Qirim, M.; Abuomair, M.; Shahwan. M.; Bader, A. Short-term feeding effects of <i>Origanum syriacum</i> crude extract on blood constituents in rats. <i>International Journal of Research in Ayurveda and Pharmacy</i> . (2017), 8, 118-120.
13.	Abdelhady, M.I.S.; Shaheen, U.; Bader, A.; Youns, M. A new sucrose enzyme inhibitor from <i>Azadirachta indica</i> . <i>Pharmacognosy Magazine</i> . (2016), 12, 293-296.
14.	Medjahed, F.; Merouane, A.; Saadi. A.; Bader, A.; Cioni, P. L.; Flamini, G. Chemical profile and antifungal potential of essential oils from leaves and flowers of <i>Salvia algeriensis</i> (Desf.): A comparative study. <i>Chilean Journal of Agricultural Research</i> , 2016, 76, 195-200.

15.	Ibrahim, I.A.A., Abdulla, M.A., Hajrezaie, M., Bader, A., Shahzad, N., Al Ghamdi, S.S., Gushash, A.S., Hasanpourghadi, M. The gastroprotective effects of hydroalcoholic extract of <i>Monolluma quadrangula</i> against ethanol-induced gastric mucosal injuries in Sprague Dawley rats. <i>Drug Design, Development and Therapy.</i> (2016), 10, 93-105.
16.	Patahn, N.B., Parvez, A., Bader, A., Shaheen, U., Ben Hadda, T Synthesis, characterization, crystal structure determination and biological screening of novel N-1 and C5 alkyl substituted scaffolds of pyrimidine. <i>. European Journal of Medicinal Chemistry.</i> (2015), 103, 594-599.
17.	Abdelhady, M.I.S., Bader, A., Shaheen, U., El-Malah, Y., Abourehab, M.A.S, Barghash, M.F. <i>Azadirachta indica</i> as a source for antioxidant and cytotoxic polyphenolic compounds. <i>Biosciences Biotechnology Research Asia.</i> (2015), 12, 1209-1222.
18.	Bader, A., Martini, F., Schinella, G.R., Rios, J.L., Prieto, J.M Modulation of Cox-1, 5-, 12- And 15-Lox by popular herbal remedies used in Southern Italy against psoriasis and other skin diseases <i>Phytotherapy Research.</i> (2015), 29, 108-113.
19.	Ahmad, M., Masood, S., Sultana, S., Ben Hadda, T., Bader, A., Zafar, M. Antioxidant and nutraceutical value of wild medicinal <i>Rubus</i> . <i>Pakistan Journal of Pharmaceutical Sciences.</i> (2015), 28, 241-247.
20.	Youssoufi, M.H., Ben Hadda, T., Warad, I., Nasser, M.N., Mabkhot, Y.N., Bader, A. POM analyses of anti-kinase activity of thirteen peptide alkaloids extracted from <i>Zizyphus</i> species. <i>Medicinal Chemistry Research.</i> (2015), 24, 267-274.
21.	Bader, A., Tuccinardi, T., Granchi, C., Martinelli, A., Macchia, M., Minutolo, F., De Tommasi, N., Braca, A. Phenylpropanoids and flavonoids from <i>Phlomis kurdica</i> as inhibitors of human lactate dehydrogenase. <i>Phytochemistry.</i> (2015), 116, 262-268.
22.	Milella, L., Bader, A., De Tommasi, N., Russo, D., Braca, A. Antioxidant and free radical-scavenging activity of constituents from two <i>Scorzonera</i> species. <i>Food Chemistry.</i> (2014), 160, 298-304.
23.	Lahsani, S., Hadda, T.B., Masnad, V., Pathan, N.B., Warad, I., Shaheen, U., Bader, A., Aljofan, M. POM analyses of Raltegravir derivatives: A new reflection enlightening the mechanism of HIV-integrase inhibition <i>Research on Chemical Intermediates.</i> (2014), 41, 5121-5136.
24.	Bader, A., Cioni, P.L., De Tommasi, N., Flamini, G. Essential oil compositions of two populations of <i>Salvia samuelssonii</i> growing in different biogeographical regions of Jordan. <i>Natural Product Communications.</i> (2104), 9, 141-143.
25.	Hadda, T.B., Srivastava, S., Das, B., Salgado-Zamora, H; Shaheen U; Bader A.; Naseer M.M.

	POM analyses of antimicrobial activity of some 2,3-armed 4,5,6,7-tetrahydro-1-benzothiophenes: favourable and unfavourable physico-chemical parameters in design of antibacterial and mycolytic agents. Medicinal Chemistry Research (2014), 23, 995-1003.
26.	Sheikh, J., Hatzade, K., Bader, A., Shaheen, U., Sander, T, Ben Hadda, T. Computational evaluation and experimental verification of antibacterial and antioxidant activity of 7-hydroxy-3-pyrazolyl-4 H-chromen-4-ones and their o-glucosides: identification of pharmacophore sites. Medicinal Chemistry Research (2014), 23, 243-251.
27.	Faiella, L.; Dal Piaz, F.; Bader, A.; Braca, A. Diterpenes and phenolic compounds from <i>Sideritis pullulans</i> . Phytochemistry, 2014, 106, 164-170.
28.	Hadda, T.B., Ahmad, M., Sultana, S., Shaheen, U., Bader, A., Srivastava, S. , Das, B., Salgado-Zamora, H. POM analyses for antimicrobial evaluation of thienopyrimidinones derivatives: a rapid method for drug design. Medicinal Chemistry Research (2014), 23, 16-34.
29.	Ammar Bader, Rosa M. Giner, Francesca Martini, Guillermo R. Schinella, José L. Ríos, Modulation of COX, LOX and NFκB activities by <i>Xanthium spinosum</i> L. root extract and ziniolide. Alessandra Braca, José M. Prieto. Fitoterapia (2013), 91, 284-289.
30.	Moyad Shahwan, Tariq Al-Qirim, Ammar Bader. Short-term feeding effects of <i>Origanum syriacum</i> crude extract on immobilization stress induced antioxidant defense changes in rat. Journal of Biological Sciences (2012), 12(7), 421-425.
31.	C. Noccioli, L. Luciardi, S. Barsellini, C. Favro, A. Bertoli, A. Bader, M. C. Loi, L. Pistelli Flavonoids from two Italian <i>Genista</i> species: <i>Genista cilentina</i> and <i>Genista sulcitana</i> . Chemistry of Natural Compounds (2012), 48, 672-673.
32.	Nicola Malafrente, Antonio Vasallo, Fabrizio Dal Piaz, Ammar Bader, Alessandra Braca, Nunziatina De Tommasi. Biflavonoids from <i>Daphne linearifolia</i> Hart. Phytochemistry Letters (2012), 5, 621-625.
33.	Alessandra Braca, Ammar Bader, Nunziatina De Tommasi, Plant and Fungi 3,4-Dihydroisocoumarins: Structure, biological activity and taxonomic relationships. Studies in Natural Products Chemistry (2012), Chapter 7, pp 191-215.
34.	Rana Obaidat, Ammar Bader, Wafa Al-Rajab, Ghassan Abu Sheika, Aiman Obaidat. Preparation of mucoadhesive oral patches containing tetracycline hydrochloride and carvacrol for treatment of local mouth bacterial infections and candidiasis. Scientia Pharmaceutica. (2011); 79: 197–212.
35.	Ammar Bader Nunziatina De Tommasi, Roberta Cotugno, Alessandra Braca Phenolic Compounds from the roots of the Jordanian Viper's Grass <i>Scorzonera judaica</i> . Journal of Natural Products (2011), 74, 1421-1427.
36.	Ammar Bader, Pier luigi Cioni, Guido Flamini GC-MS analysis of the essential oils of ripe fruits, roots and flowering aerial parts of

	Elaeoselinum asclepium subsp. meoides growing in Sicily. Natural Product Communications (2010), 6, 1111-1114.
37.	Fabrizio Dal Piaz, Salvatore Imperato, Laura Lepore, Ammar Bader, Nunziatina De Tommasi A fast and efficient LC-MS/MS method for detection, identification and quantitative analysis of bioactive sesterterpenes in Salvia dominica crude extracts. Journal of Pharmaceutical and Biomedical Analysis (2010), 51, 70-77.
38.	Fabrizio Dal Piaz, Antonio Vassallo, Laura Lepore, Alessandra Tosco, Ammar Bader, Nunziatina De Tommasi. Sesterterpenes as tubulin tyrosine ligase inhibitors. Inhibitors. First Insight of Structure-Activity Relationships and Discovery of New Lead. Journal of Medicinal Chemistry (2009), 52, 3814-3828.
39.	Agata Maria Pawlowska, Fabiano Camangi, Ammar Bader, Alessandra Braca. Flavonoids of Zizyphus jujuba L. and Zizyphus spina-christi (L.) Willd (Rhamnaceae) fruits Food Chemistry (2009), 112, 858-862.
40.	Marianne Bruzual De Abreu, Fabrizio Dal Piaz, Temraz A, Ammar Bader, Nunziatina De Tommasi , Alessandra Braca Gypsins A-D from Gypsophila arabica.. Journal of Natural Products (2008), 71, 1336-1342.
41.	Giuseppina Cioffi, Ammar Bader, Anna Malafronte, Fabrizio Dal Piaz, Nunziatina De Tommasi. Secondary metabolites from the aerial parts of Salvia palaestina Bentham. Phytochemistry (2008), 69, 1005-1012.
42.	Alessandra Braca, Ammar Bader, Tiziana Siciliano and Nunziatina De Tommasi. Secondary metabolites from Paronychia argentea. Magnetic Resonance in Chemistry (2008), 46, 88-93.
43.	Antonio Vassallo, Ammar Bader, Alessandra Braca, Angela Bisio, Luca Rastrelli, Francesco De Simone and Nunziatina De Tommasi. Secondary Metabolites from the Roots of Salvia palaestina Bentham. Natural product communications. (2008); 3, 1967-1970.
44.	Ammar Bader, Lirio Panizzi, Pier Luigi Cioni, Guido Flamini Achillea ligustica: composition and antimicrobial activity of essential oils from the leaves, flowers and some pure constituents. Central European Journal of Biology (2007), 2, 206-212.
45.	Guido Flamini, Pier Luigi Cioni, Ivano Morelli and Ammar Bader Essential oils of the aerial parts of three Salvia species from Jordan: Salvia lanigera, S. spinosa and S. Syriaca. Food Chemistry (2007), 100, 732-735.
46.	Fiore G, Nencini C, Cavallo F, Capasso A, Bader A, Giorgi G, Micheli L. In vitro antiproliferative effect of six Salvia species on human tumor cell lines. Phytotherapy Research (2006), 20, 701-703.
47.	De Felice A, Bader A, Leone A, Sosa S, Loggia RD, Tubaro A, De Tommasi N. New polyhydroxylated triterpenes and anti-inflammatory activity of Salvia hierosolymitana. Planta Medica (2006), 72, 643-649.

48.	Prieto Jose Maria, Ammar Bader, Francesca Martini, Jose Luis Rios, Ivano Morelli. Screening of some rare endemic Italian plants for inhibitory activity on 5-lipoxygenase. <i>Fitoterapia</i> (2005), 76, 725-727.
49.	Tiziana Siciliano, Marinella De Leo, Ammar Bader, Nunziatina De Tommasi, Klaas Vrieling, Alessandra Braca, Ivano Morelli. Pyrrolizidine alkaloids from <i>Anchusa strigosa</i> and their antifeedant activity. <i>Phytochemistry</i> (2005), 66, 1593-1600.
50.	Tiziana Siciliano, Ammar Bader, Nunziatina De Tommasi, Ivano Morelli Alessandra Braca. Sulfated pregnane glycosides from <i>Periploca graeca</i> . <i>Journal of Natural Products</i> (2005), 68, 116-118.
51.	Lara Testai, Silvio Chericoni, Ammar Bader, Luisa Pistelli, Vincenzo Calderone, Enrica Martinotti. Vasorelaxant effects of the chloroformic crude extract of <i>Bupleurum fruticosum</i> . (Umbelliferae) roots on rat thoracic aorta. <i>Journal of Ethnopharmacology</i> (2005), 96: 93–97.
52.	Tiziana Siciliano, Ammar Bader, Antonio Vassallo, Alessandra Braca, Ivano Morelli, Nunziatina De Tommasi. Secondary metabolites from <i>Ballota undulata</i> (Lamiaceae). <i>Biochemical Systematic and Ecology</i> (2005), 33, 341–351.
53.	Giovanni Appendino, Federica Bianchi, Ammar Bader, Claudio Campagnuolo, Ernesto Fattorusso, Orazio Tagliatalata-Scafati, Magdalena Blanco-Molina, Antonio Macho, Bernd Fiebich, Paul Bremner, Michael Heinrich, Mauro Ballero, Eduardo Muñoz. Coumarins from <i>Opopanax chironium</i> . New Dihydrofuranocoumarins and differential induction of Apoptosis by imperatorin and heraclenin. <i>Journal of Natural Products</i> (2004), 67, 532-536.
54.	Guido Flamini, Ammar Bader, Pier Luigi Cioni, Ahmad Katbeh-Bader, Ivano Morelli. Composition of the essential oil of leaves, galls, and ripe and unripe fruits of Jordanian <i>Pistacia palaestina</i> Boiss. <i>Journal of Agriculture and Food Chemistry</i> (2004), 52, 572-576.
55.	Alessandra Braca, Ammar Bader, Tiziana Siciliano, Ivano Morelli, Nunziatina De Tommasi. New pyrrolizidine alkaloids and glycosides from <i>Anchusa strigosa</i> . <i>Planta Medica</i> (2003), 69, 835-841.
56.	Ammar Bader, Chiara Caponi, Guido Flamini, Pier Luigi Cioni and Ivano Morelli. Composition of the essential oil of <i>Ballota undulata</i> , <i>B. nigra</i> ssp. <i>foetida</i> and <i>B. saxatilis</i> . <i>Flavour and Fragrance Journal</i> (2003), 18, 502-504.
57.	Ammar Bader, Alessandra Braca, Nunziatina De Tommasi, Ivano Morelli. Further constituents from <i>Caralluma negevensis</i> . <i>Phytochemistry</i> (2003), 62, 1277-1281.
58.	Gelsomina Fico, Ammar Bader, Guido Flamini, Pier Luigi Cioni, Ivano Morelli. Essential oil of <i>Nigella damascena</i> L. (Ranunculaceae) seeds. <i>Journal of Essential Oil Research</i> (2003); 15: 57-58.
59.	Ammar Bader, Chiara Caponi, Guido Flamini, Pier Luigi Cioni, Ivano Morelli. Acorenone in the essential oil of flowering aerial parts of <i>Seseli tortuosum</i> L.

	Flavour and Fragrance Journal (2003), 18, 57-58.
60.	Ammar Bader, Guido Flamini, Pier Luigi Cioni, Ivano Morelli. Essential oil composition of <i>Achillea santolina</i> L., and <i>Achillea biebersteinii</i> Afan. collected in Jordan. Flavour and Fragrance Journal (2003), 18, 36-38.
61.	Alessandra Braca, Ammar Bader, Ivano Morelli, Roberto Scarpato, Gino Turchi, Cosimo Pizza, and Nunziatina De Tommasi. New pregnans glycosides from <i>Caralluma negevensis</i> . Tetrahedron (2002), 58, 5837-5848.
62.	Ammar Bader, Guido Flamini, Pier Luigi Cioni and Ivano Morelli. The composition of the root oil <i>Salvadora persica</i> L. Journal of Essential Oil Research (2002), 14, 128-129.
63.	Nostro A, Cannatelli MA, Morelli I, Cioni PL, Bader A, Marino A, Alonzo V. Preservative properties of <i>Calamintha officinalis</i> essential oil with and without EDTA. Letters in Applied Microbiology (2002), 35, 385-389.
64.	Ammar Bader, Guido Flamini, Pier Luigi Cioni and Ivano Morelli. <i>Thymus richardii</i> pers. subsp. <i>nitidus</i> (Guss.) Jalas: A new <i>Thymus</i> type rich in beta-bisabolene. Journal of Essential Oil Research (2000), 13, 9-11.
65.	Ammar Bader, Guido Flamini, Pier Luigi Cioni and Ivano Morelli. Composition of the essential oils from leaves, branches and cones of <i>Pinus laricio</i> Poiret collected in Sicily. Journal of Essential Oil Research (2000), 12, 672-674.
66.	Enza Maria Galati, Maria Teresa Monforte, Anna Maria Forestieri, Nicoletta Miceli, Ammar Bader, Ada Trovato. <i>Salvadora persica</i> L.: Hypolipidimic activity on experimental hypercholesterolemia in rat. Phytomedicine (1999), 6, 181-185.

Conferences

1- **A. Bader**, N. De Tommasi, R. Cotugno, L. Faiella, N. Malafronte, A. Braca; Phenolic compounds from the roots of the Jordanian Viper's Grass *Scorzonera judaica*, Congresso SIF 2011, Rome-Italy, 30 June-2 July 2011, pp P21-P21, vol. 1, (2011).

2- **A. Bader**; Saving time and costs in phytochemical sciences by the establishment of international multidisciplinary network. XIX Congresso Italo-Latinoamericano de Etnomedicina, Villasimius (CA)-Italy, 6-10 September, P6 pp. 127, (2010).

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