

# MASOUD SALAVATI-NIASARI

## (PROFESSOR@INTERNATIONAL 3-FIELD SCIENTIST)

1. دانشمند بین المللی در رشته مهندسی مواد
2. دانشمند بین المللی در رشته شیمی
3. دانشمند بین المللی در رشته مهندسی شیمی
4. استاد تمام دانشگاه کاشان
5. استاد وابسته دانشگاه تهران
6. پرکارترین محقق ایرانی در سال 2015
7. پرتولیدترین محقق ایرانی در سال 2016
8. مدیریت پژوهشی و فناوری برتر جمهوری اسلامی ایران در سال 1389 (وزارت علوم و تحقیقات)
9. دانشمند برتر جمهوری اسلامی ایران در سال 1387 (وزارت علوم و تحقیقات)
10. نفر دوم جمهوری اسلامی ایران در دومین جشنواره برترینهای نانو 1386
11. نفر دوم جمهوری اسلامی ایران در سومین جشنواره برترینهای نانو 1387
12. نفر اول جمهوری اسلامی ایران در چهارمین جشنواره برترینهای نانو 1388
13. نفر اول جمهوری اسلامی ایران در پنجمین جشنواره برترینهای نانو 1389
14. نفر دوم جمهوری اسلامی ایران در ششمین جشنواره برترینهای نانو 1390
15. نفر دوم جمهوری اسلامی ایران در هفتمین جشنواره برترینهای نانو 1391
16. نفر اول جمهوری اسلامی ایران در هشتمین جشنواره برترینهای نانو 1392
17. نفر اول جمهوری اسلامی ایران در نهمین جشنواره برترینهای نانو 1393
18. نفر اول جمهوری اسلامی ایران در دهمین جشنواره برترینهای نانو 1394
19. نفر دوم جمهوری اسلامی ایران در یازدهمین جشنواره برترینهای نانو 1395
20. نفر اول جمهوری اسلامی ایران در دوازدهمین جشنواره برترینهای نانو 1396
21. نفر ششم جمهوری اسلامی ایران در سیزدهمین جشنواره برترینهای نانو 1398
22. پژوهشگر برگزیده سالهای 1386 1387 1390 1391 1385 انجمن نانو فناوری ایران
23. پژوهشگر برگزیده سال 1388 و 1391 و 1384 استان اصفهان
24. پژوهشگر برگزیده سالهای 1382-1399 دانشگاه کاشان
25. تألیف 6 کتاب در زمینه نانوفناوری
26. سر دبیر مجله ISI نانوساختارها
27. عضو انجمن نانوفناوری آمریکا
28. چاپ سه پتنت در زمینه نانو در آمریکا (United States Patent)
29. عضو فدراسیون سرامدان علمی ایران
30. دارای کرسی پژوهشی نانوساختارها

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## **United States Patent Application 20120034465**

**1. Salavati-Niasari, Masoud; Davar, Fatemeh, Enhessari, Morteza, Esfahani, Mohammad Javad; METHOD FOR PREPARING SILICA-DYSPROSIUM OXIDE CORE-SHELL NANOPARTICLES**

Kind Code: A1  
Application Number: 13/279273  
Publication Date: 02/09/2012  
Filing Date: 10/22/2011  
Primary Class: [428/404](#)  
Other Classes: 252/182.32, 977/773, 977/896  
International Classes: B32B9/04; C09K3/00

## **United States Patent Application 20120115731**

**2. Salavati-Niasari, Masoud, Alikhazadeh-arani, Sima, METHOD FOR PREPARING YTTRIUM BARIUM COPPER OXIDE (YBCO) SUPERCONDUCTING NANOPARTICLES**

Kind Code: A1  
Application Number: 13/343508  
Publication Date: 05/10/2012  
Filing Date: 01/04/2012  
View Patent Images: [Download PDF 20120115731](#)  
Primary Class: 505/126  
Other Classes: 977/812, 977/773, 423/263, 977/896  
International Classes: H01L39/12; B82B1/00; B82B3/00; B82Y30/00; C01F17/00

**Salavati-niasari, Masoud (Kashan, IR), Mandizadeh Talkhoncheg, Samira (Kashan, IR), Salehabadi, Ali (Kashan, IR); A CLEAN GASOLINE FROM A LIGHT HYDROCARBON FRACTION AND PREPARATION METHOD THEREOF**

Kind Code: A1  
Application Number: 16/517609  
Publication Date: 11/07/2019  
Filing Date: 07/21/2019  
**Document Type and Number:** United States Patent Application 20190338210  
November 2019  
Patent: US 2019/0338210 A1

## **Professional Interests:**

- 1. Heterogeneous and Homogeneous Catalysis**
- 2. Zeolite**
- 3. C-H bond activation**
- 4. Synthesis and characterization of Coordination Compounds**
- 5. Nanoreactor**
- 6. Macrocyclic**
- 7. Nanocomposite Materials**
- 8. Host Guest Chemistry**
- 9. Nanoparticles**
- 10. Complex Nanoparticles**
- 11. Thermal Decomposition**
- 12. Hydrothermal Synthesis**
- 13. Polymeric Nanocomposite Materials.**
- 14. Solar Cell**
- 15. Nano-Bio-Materials**
- 16. Nano-Clusters**
- 17. Nano-Tube**
- 18. Nano-Powders**
- 19. Nano-Complex**
- 20. Nano-Superconductors**
- 21. Flame Retardant Nanocomposite Materials**
- 22. Nano-Photocatalyst**
- 23. Graphene**

## **EDUCATION**

- B. S., Chemistry, Isfahan University (1992)**  
**M.S., Inorganic chemistry, Isfahan University of Technology (1995)**  
**Ph.D., Inorganic Chemistry, Tehran University (2001)**

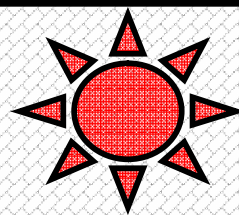
## **Honors & Awards**

1. The best Researcher of the year award from Kashan University, **2002**.
2. The best Researcher of the year award from Kashan University, **2004**.
3. The best Selected 5 Researcher of the year in Isfahan Province, **2004**.
4. The Distinguished Researcher introduce to Ministry of Science Reserch and Technology, **2004**.
5. The Distinguished Researcher introduce to Ministry of Science Reserch and Technology, **2005**.
6. The best Researcher of the year award from Iranian Nanotechnology Society, INS, **2006**.
7. The best Researcher of the year award from Kashan University, **2006**.
8. The best Researcher of the year award from Iranian Nanotechnology Society, INS, **2007**.
9. The first person of the world in nanocomposite materials' filed.
10. The youngest Iranian International Scientist in all of the researches.
11. The first Iranian International Scientist in the Inorganic Chemistry, **2006**.
12. The best Researcher of the year award from Kashan University, **2007**.
13. The best Teature of the year award from Kashan University, **2008**.
14. The best Selected 2 Researcher of the year in **Nano Award Ceremony**, **2008**.
15. The youngest Iranian International Bi-Field (Chemistry and Chemical Engiering) Scientist in all of the researches, **2008**.
16. The best Researcher of the year award from Iranian Nanotechnology Society, INS, **2008**.
17. The best Researcher of the year award from University of Kashan, **2008**.
18. **The best Scientist of the year in IRAN, 2008.**
19. The best Researcher of the year award from Iranian Nanotechnology Society, INS, **2009**.
20. The best Selected Researcher of the year in Isfahan Province, **2009**.
21. The Distinguished Researcher introduce to Ministry of Science Reserch and Technology, **2009**.
22. The best Researcher of the year award from Kashan University, **2009**.
23. The best Selected Researcher of the year in **Nano Award Ceremony**, **2009**.
24. The best Selected Researcher of the year in **Nano Award Ceremony**, **2010**.
25. The best Researcher of the year award from Iranian Nanotechnology Society, INS, **2010**.
26. The best Researcher of the year award from Iranian Nanotechnology Society, INS, **2011**.
27. The best Selected Researcher of the year in **Nano Award Ceremony**, **2011**.
28. The best Researcher of the year award from Iranian Nanotechnology Society, INS, **2012**.
29. The best Researcher of the year award from Kashan University, **2012**.
30. The best Selected 5 Researcher of the year in Isfahan Province, **2012**.
31. The best Selected Researcher of the year in **Nano Award Ceremony**, **2012**.
32. The best Selected Researcher of the year in **Nano Award Ceremony**, **2013**.
33. The best Selected Researcher of the year in **Nano Award Ceremony**, **2014**.
34. The best Selected Researcher of the year in **Nano Award Ceremony**, **2015, 2016**.
35. The best Researcher of the year award from Kashan University, **2013, 2014**.
36. The most prolific Iranian researcher **2015**
37. The most prolific Iranian researcher **2016**

**Teaching Experience (2001-up to now)  
Graduate & Undergraduate**

- 1) **Inorganic Chemistry (I) (B.Sc)**
- 2) **Inorganic Chemistry (II) (B.Sc)**
- 3) **Organometalic Chemistry (B.Sc)**
- 4) **Nuclear Chemistry (B.Sc)**
- 5) **Physical Inorganic Chemistry (M.Sc)**
- 6) **Inorganic Spectroscopy (M.Sc)**
- 7) **Spectroscopy in Nanotechnology (M.Sc)**
- 8) **Inorganic Polymer (Ph.D)**
- 9) **Bioinorganic Chemistry (Ph.D)**
- 10) **Inorganic Photochemistry (Ph.D).**
- 11) **Property of Nanomaterials (M.Sc).**
- 12) **Nanomaterial Synthesis (M.Sc)**
- 13) **Advance Nanomaterial Synthesis (Ph.D)**

# Publications



1. **M. Salavati-Niasari**, F. Farzaneh, M. Ghandi, L. Turkian, "Oxidation of cyclohexene with *tert*-butylhydroperoxide catalyzed by manganese(II) complexes included in zeolite Y", *Journal of Molecular catalysis A: Chemical* 157 (2000) 183-188. (This article is depend on Thesis).
2. **M. Salavati-Niasari**, F. Farzaneh, M. Ghandi, "selective hydroxylation of cyclic ethers with *tert*-butylhydroperoxide and hydrogen peroxide catalyzed by iron(III) and manganese(II) bipyridine complexes included in zeolite -Y and bentonite", *Journal of Molecular catalysis A: chemical* 175 (2001) 105-110. (This article is depend on Thesis).
3. Z. Ghasemi, F. Basiripour, T. Poursaberi, **M. Salavati-Niasari**, M. Shamsipur, O.R. Hashemi, F. Raoufi, M. R. Ganjali, "Preconcentration of trace amounts of copper in aqueous samples by octadecylsilica membrane modified disks and determination by flame atomic absorption spectrometry", *Intern. J. Environ. Anal. Chem.*, 81 (2001) 233-242.
4. T. Poursaberi, **M. Salavati-Niasari**, S. Khodabakhsh, L. Hajiagha-Babaei, M. Shamsipur, M. Yousefi, S. Rouhani, M.R. Ganjali, "A selective memberane electrode for thiocyanate ion based on a copper-1,8-dimethyl-1,3,6,8,10,13-azacyclotetradecane complex as ionophre", *Analytical letters*, 34 (2001) 2621-2632.
5. **M. Salavati-Niasari**, F. Farzaneh, M. Ghandi, "Oxidation of cyclohexene with *tert*-butylhydroperoxide and hydrogeneperoxide catalyzed by alumina-supported manganese complexes", *Journal of Molecular catalysis A: chemical* 186 (2002) 101-107. (This article is depend on Thesis)
6. M.R. Ganjali, T. Poursaberi, M. Hosseini, **M. Salavati-Niasari**, M. Yousefi, M. Shamsipur, "Highly selective iodide memberane electrode based on a cerium salen", *Analytical Sciences* 18 (2002) 289.
7. M.R. Ganjali, M. Yosefi, M. Javanbakht, T. Poursaberi, **M. Salavati-Niasari**, L. Hajagha-Babaei, E. Latifi, M. Shamsipur, "Determination of thiocyanate in urine and saliva in smokers by thiocyanate-selective polymeric membrane based on a nickel azamacrocyclic complex coated on graphite electrode" *Anal. Sci.* 18 (2002) 887.
8. M. Mazloun, **M. Salavati-Niasari**, M. K. Amini, "Pentacyclo octaaza as a nutral carrier in coated wire ion selective electrode for nickel" *Sensors and Actuators B* 82 (2002) 259.
9. M.R. Ganjali, M. Emami, **M. Salavati-Niasari**, "Novel copper selective sensor based on a new hexadentates schiff base", *Bull. Korean Chem. Soc.* 23 (2002) 1394.
10. M. Mazloun, A.A Ensafi, **M. Salavati-Niasari** "Selective thiocyan- atepoly(vinylchloride) membrane based on a 1,8-di-benzyl-1,3,6,8,10,13-hexaazacyclo tetradec- cane -Ni perchlorate" *Analytica Chimica Acta* 462 (2002) 25.

11. M. Mazloun, **M. Salavati-Niasari**, H. Mirhoseini, M.K. Amini, "Silver-Selective Coated Wire Electrode Based On Resorc[4]arene Neutral Carrier" *Electroanalysis* 2002, 14, 376-381.
12. M. Amirnasr, K.J. Schenk, **M. Salavati-Niasari**, S. Dehghanpour, A. Taeb, A. Tadjarodi, "Synthesis and characterization of cobalt(II), nickel(II), and zinc(II) complexes with N,N-bis(*trans*-cinnamaldehyde)-1,2-diaminoethane ligand (ca<sub>2</sub>en): crystal and molecular structure of Co(ca<sub>2</sub>en)Cl<sub>2</sub>, Co(ca<sub>2</sub>en)Br<sub>2</sub> and Ni(ca<sub>2</sub>en)Br<sub>2</sub>" *J. Coord. Chem.*, 2003, 56, 231. (This article is depend on Thesis).
13. **M. Salavati-Niasari**, S. H. Banitaba "Alumina-supported Mn(II), Co(II), Ni(II) and Cu(II) Bis(2-hydroxyanil)acetylacetonate complexes as catalysts for the oxidation of cyclohexene with *tert*-butyl hydroperoxide" *Journal of Molecular catalysis A: Chemical* 201 (2003) 43-54.
14. **M. Salavati-Niasari**, H. Najafian, "Catalytic Oxidation of Tetrahydrofuran in the Presence of 14-Membered Hexaaza macrocyclic Copper(II) Complexes with Hydrogenperoxide" *J. Chem. Reserch* 9 (2003) 586-587.
15. **M. Salavati-Niasari**, H. Najafian, "One-Pot Template Synthesis and Properties of Ni(II) Complexes of 16-Membered Hexaaza Macrocycles", *Polyhedron* 22 (2003) 2633-2638.
16. M.R. Ganjali, F. Mizani, M. Emami, **M. Salavati-Niasari**, M. Shamsipur, M. Yosefi, M. Javanbakht, "Novel liquid memberane electrode for selective determination of monohydrogenphosphate" *Electroanalysis* 15 (2003) 139.
17. M. R. Ganjali, F. Mizani, **M. Salavati-Niasari**, "Novel monohydr- ogenphosphate sensor based on vanadyl salophen" *Analytica Chimica Acta* 481 (2003) 85.
18. M.R. Ganjali, F. Mizani, **M. Salavati-Niasari**, M. Javanbakht, "Novel potentiometric membrane sensor for determination of trace amounts of chromium (III) ions" *Analytical Sciences* 19 (2003) 235.
19. M.R. Ganjali, M. Golmohammadi, M. Yosefi, P. Norouzi, **M. Salavati-Niasari**, M. Javanbakht, "Novel pvc based copper(II) membrane sensor based on 2-(1-(4-(1-hydroxy-2-naphthyl)methyleneamino)butyliminiomethyl)-1-naphthol" *Analytical Sciences* 19 (2003) 223.
20. A.R. Asghari, M. K. Amini, H.R. Mansour, **M. Salavati-Niasari**, "A tetra-coordinate nickel(II) complex as neutral carrier for nitrate-selective PVC membrane electrode", *Talanta*, 61(2003) 557.
21. M.R. Ganjali, A. Daftari, F. Mizani, **M. Salavati-Niasari** "Titanium acetylacetonate as an excellent ion carrier in construction of iodide sensor" *Bull. Korean. Chem. Soc.*, 24 (2003) 23.
22. M.R. Gangali, M. Emami, M. Rezapour, M. Shamsipur, B. Maddah, **M. Salavati-Niasari**, M. Hosseinim Z. Talebpoui, "Novel gadolinium poly (vinylchloride)membrane sensor based on a new S-N Schiff-base", *Analtica Chimica Acta*, 495 (2003) 51.

23. A. Asghari, M.K. Amini, H.R. Mansour, **M. Salavati-Niasari**, M. Rajabi, "Nitrate-Selective Membrane Electrode Based on Bis(2-hydroxyanil) acetylacetone Lead(II) Neutral Carrier, *Analytical Sciences*, 19 (2003) 1121-1125.
24. M.R. Ganjali I.M. Rezapour, M.R. Pourjavid, **M. Salavati-Niasari**, "Highly Selective PVC-Membrane Electrodes Based on Co(II)-Salen for Determination of Nitrite Ion, *Analytical Sciences* 19 (2003) 1127-1131.
25. M. Mazloum, A.A. Ensafi, **M. Salavati-Niasari** H. Mirhoseini, "Silver(I)-selective Coated-wire Electrode Based on an Octahydroxycalix[4]arene Derivative" *Analytical Sciences* 19 (2003) 1187-1190.
26. M.R. Ganjali, R. kiani-Anbouhi, M.R. Pourjavid and **M. Salavati-Niasari**, "Bis(*trans*-cinnamaldehyde)ethylenediiminedibromonickel(II) complex as a neutral carrier for salicylate-selective liquid membrane and coated graphite sensors, *Talanta, Volume 61, Issue 3, 4 November 2003, Pages 277-284*
27. M. R. Ganjali, M. Qomi, A. Daftari, P. Norouzi, **M. Salavati-Niasari**, M. Rabbani, Novel lanthanum (III) membrane sensor based on a new N-S Schiff's base, *Sensors and Actuators B: Chemical*, 98 (2004) 92-96.
28. F. Shemirani, S. Dehghan Abkenar, A. Alsadat Mirroshandel, **M. Salavati-Niasari**, "Preconcentration and Speciation of Chromium in Water Samples by Atomic Absorption Spectroscopy after Cloud-Point Extraction" *Analytical Sciences*, 19 (2003) 1453-1456.
29. F. Shemirani, R.R. Kozania, **M. Salavati-Niasari**, M.R. Jamali, S. Dehghan, A. Alsadat Mirroshandel, "Determination of Ni(II) and Co(II) by FAAS After preconcentration on modified alumina column" *Indian Journal of Chemistry*, 42 (2003) 1086-1088.
30. M.R. Ganjali, M. Emami, **M. Salavati-Niasari**, M. Yosefi, "Determination of trace amounts of Cr(III) in presence of Cr(VI) by a novel potentiometric membrane sensor based on a new tridentate S,N,O Schiff-base" *Analytical Letters* 30 (2003) 2735-2747
31. M.R. Ganjali, M. Yosefi, T. Poursaberi, L. Naji, **M. Salavati-Niasari**, M. Shamsipur; "Highly selective and sensitive perchlorate sensors based on some recently synthesized Ni(II) hexaazacyclotetradecane complexes" *Electroanalysis* 18 (2003) 1476-1480.
32. M.R. Ganjali, A. Daftari, P. Nourozi, **M. Salavati-Niasari**, "Novel Y(III) PVC-based membrane microelectrode based on a new Schiff-base" *Analytical Letters*, 36(2003)1511-1522.
33. M.R. Ganjali, P. Norouzi, M. Golmohammadi, F. Mizani, T. Poursaberi, **M. Slavati-Niasari**, M. Shamsipur, M. Hosseini, M. Javanbakht, "Sulfate-selective pvc membrane electrode based on a strontium schiff base complex" *Annali di chimica* 93 (2003) 679.



34. M.R. Ganjali, M. Rezapour, M.R. Pourjavid, **M. Salavati-Niasari**, T. Poursaberi, "Anovel potentiometric membrane sensor for quik determination of trace amount of SO<sub>4</sub> based on zinc-schiff base" *Analytical Letters* 36 (2003) 881-894.
35. **M. Salavati-Niasari**, J. Hasanalian, H. Najafian, "Alumina supported, FeCl<sub>3</sub>, MnCl<sub>2</sub>, CoCl<sub>2</sub>, NiCl<sub>2</sub>, CuCl<sub>2</sub>, and ZnCl<sub>2</sub> as catalysts for the benzylation of benzene by benzyl chloride" *Journal of Molecular catalysis A: Chemical* 209 (2004) 209-214.
36. **M. Salavati-Niasari**, Synthesis and Properties of 16-Membered Hexaaza Macrocycles Complexes of Copper(II) Produced by One-Pot Template, *Inorganic Chemistry Communication*, 7 ((2004) 698-700
37. **M. Salavati-Niasari**, M. Rezai-Adaryani, "Template Condensation Reactions of Formaldehyde with Amines and 2,3-Butanedihydrazone: Preparation and Properties of Nickel(II) Complexs of 18-Membered Decaaza Macrocycles", *Polyhedron* 23 (2004) 1325-1331.
38. **M. Salavati-Niasari**, "Zeolite-Encapsulation Copper(II) Complexes with 14-Membered Hexaaza Macrocycles: Synthesis, Characterization and Catalytic Activity", *Journal of Molecular catalysis A: Chemical*, 217 (2004) 87-92.
39. Shemirani F.; Mirroshandel A.A.; **Salavati-Niasari M.**; Rahnama Kozani R Silica Gel Coated with Schiff's Base: Synthesis and Application as an Adsorbent for Cadmium, Copper, Zinc, and Nickel Determination after Preconcentration by Flame Atomic Absorption Spectrometry". *Journal of Analytical Chemistry*, 59 (2004) 228-233(6) Kluwer Academic Publishers.
40. M.R. Ganjali, M.R. Pourjavid, L. Haji-gha Babaei, **M. Salavati-Niasari**, ULTRA-TRACE MONITORING OF COPPER IN ENVIRONMENTAL AND "BIOLOGICAL SAMPLES BY INDUCTIVELY COUPLED PLASMA ATOMIC EMISSION SPECTROMETRY AFTER SEPARATION AND PRECONCENTRATION BY USING OCTADECYL SILICA MEMBRANE DISKS MODIFIED BY A NEW SCHIFF'S BASE" *Quim. Nova*, 27 (2004) 213-217.
41. M. Mazloun Ardakani, **M. Salavati-Niasari**, M. Khayat-Kashani, S. M. Ghoreishi, "A copper ion-selective electrode with high selectivity prepared by sol-gel and coated wire techniques", *Analytical and Bioanalytical Chemistry* 378 (2004) 1659-1665.
42. M. Mazloun Ardakani, A. Dastanpour, **M. Salavati-Niasari**, "A highly selective nitrate electrode based on a tetramethylcyclotetradecanonickel (II) complex" *Journal of Electroanalytical Chemistry* 568 (2004) 1-6.
43. M. Mazloun Ardakani, **M. Salavati-Niasari**, A. Sadeghi, "Novel selective thiocyanate PVC memberane electrode based on new Schiff base complex of 2.2-[(1,3-propanediylidene)dinitrilo]bis-benzenethiolato cadmium(II)" *New. J. Chem.*, 2004, 28, 595-599.

44. H. R. Zare, **M. Salavati-Niasari**, F. Memarzadeh, M. Mazloun, N. Nasirizadeh, "Coated wire silver-ion selective electrode based on a N,N-bis(2-thienylmethylene)-1,2-diaminobenzene", *Analytical Sciences* 20 (2004) 815.
45. M.R. Ganjali, Z. Ghasemi, **M., Salavati-Niasari**, L. Haji-gha Babaei, "Solid phase extraction and flame atomic absorption determination of copper" *Chem. Anal. (Warsaw)*, 47, 619 (2002)
46. M.R. Ganjali, M. Qomi, A. Daftari, P. Nourozi, **M., Salavati-Niasari**, M. Rabbani, "Novel lanthanum(III) membrane sensor based on a new N-S schiff-base", *Sensors and Actuators B* 98 (2004) 92-96.
47. **M. Salavati-Niasari**, M.R. Elzami, M.R. Mansournia, S. Hydarzadeh, "Alumina-Supported Vanadyl Complexes as Catalysts for the C-H Bond Activation of Cyclohexene with *tert*-Butylhydroperoxide", *Journal of Molecular Catalysis A: Chemical*, Volume 221, Issues 1-2, 1 November 2004, Pages 169-175
48. M. Mazloun Ardakani, **M. Salavati-Niasari**, M. Jamshidpour, "Selective nitrate poly(vinylchloride) membrane electrode based on bis(2-hydroxyacetophenone)ethylenediimine vanadyl(IV)" *Sensors and Actuators* 101 (2004) 302
49. **M. Salavati-Niasari**, Zeolite-Encapsulated Nickel (II) Complexes with 14-Membered Hexaaza Macrocycle: Synthesis and Characterization, *Inorganic Chemistry Communication* Volume 7, Issue 8, August 2004, Pages 963-966.
50. M.R. Ganjali, M. R. Pourjavid, M. Rezapour, T. Poursaberi, A. Daftari, **M. Salavati-Niasari**, "Ruthenium(III) Schiff-base complex as novel chloride selective membrane sensor" *Electroanalysis* 16 (2004) 922.
51. M.R. Ganjali, P. Norouzi, M. Golmohammadi, M. Rezapour, **M. Salavati-Niasari** "Novel bromide pvc-based membrane sensor based on iron(III) salen" *Electroanalysis* 16 (2004) 910.
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