



**Sistema Integral de Información Académica**  
**Coordinación de Planeación, Evaluación y**  
**Simplificación de la Gestión Institucional**  
**Reporte individual**



**NOE ROSAS ESPINOSA**

## Datos Generales

**Nombre:** NOE ROSAS ESPINOSA

**Máximo nivel de estudios:** DOCTORADO

**Antigüedad académica en la UNAM:** 40 años

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## Nombramientos

**Último:** INVESTIGADOR TITULAR C TC Definitivo  
Instituto de Química  
Desde 01-01-2008 (fecha inicial de registros en el  
SIIA) hasta 15-05-2010  
PROFESOR ASIGNATURA B TP Definitivo  
Facultad de Ciencias  
Desde 01-01-2009 hasta 15-05-2010

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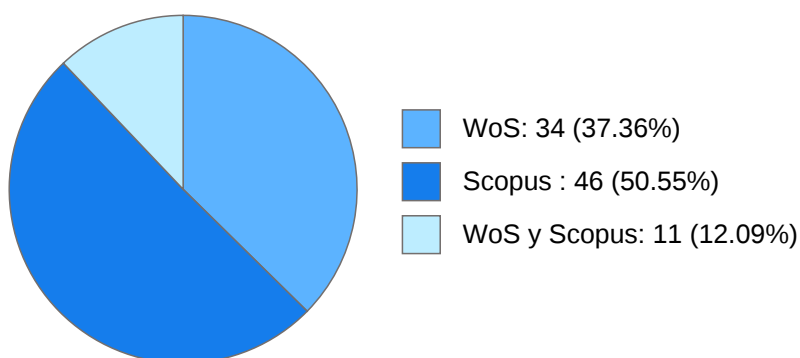
## Estímulos, programas, premios y reconocimientos

SNI II - 2018  
PRIDE C - 2010

## NOE ROSAS ESPINOSA

### DOCUMENTOS EN REVISTAS

#### Histórico de Documentos



| # | Título                                                                                                                                                                                                    | Autores                                                                               | Revista                             | Año  |
|---|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-------------------------------------|------|
| 1 | Ferrocenyl, Alkyl, and Aryl-Pyrido[2,3-d]Pyrimidines as Vasorelaxant of Smooth Muscle of Rat Aorta via cAMP Conservation Through Phosphodiesterase Inhibition                                             | MARIA IVONNE ARELLANO MENDOZA<br>ANDRES NAVARRETE CASTRO NOE<br>ROSAS ESPINOSA et al. | JOURNAL OF HETEROCYCLIC CHEMISTRY   | 2016 |
| 2 | Synthesis of new 7-ferrocenyl-beta-enaminone-coumarins and ferrocenyl-pyrano[3,2-g]quinolin-2-ones from coumarin and ferrocenyl-alpha-ketoalkynes using Ni(CN) <sub>2</sub> /NaOH/H <sub>2</sub> O/CO/KCN | MARIA IVONNE ARELLANO MENDOZA<br>PANKAJ SHARMA Laura Rubio Perez et al.               | JOURNAL OF ORGANOMETALLIC CHEMISTRY | 2012 |
| 3 | Ni(0) catalyzed one step synthesis of benzo[b][1,8] naphthyridin-5-ones from silyl-α-ketoalkynes in water                                                                                                 | PANKAJ SHARMA MARIA IVONNE ARELLANO MENDOZA ARMANDO DANIEL CABRERA ORTIZ et al.       | TETRAHEDRON LETTERS                 | 2011 |
| 4 | Competitive intermolecular cyclotrimerization and cyclocarbonylation products in Pauson-Khand reaction                                                                                                    | JOSE LUIS ARIAS TELLEZ ARMANDO DANIEL CABRERA ORTIZ PANKAJ SHARMA et al.              | CATALYSIS COMMUNICATIONS            | 2009 |

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|    |                                                                                                                                                       |                                                                                 |                                           |      |
|----|-------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|-------------------------------------------|------|
| 5  | O-Alkylation versus C-Alkylation in the Synthesis of 5,6-Dihydro-4H-oxacin-4-ones: Theoretical Approach                                               | NOE ROSAS ESPINOSA ROBERTO RENE SALCEDO PINTOS PANKAJ SHARMA et al.             | ASIAN JOURNAL OF CHEMISTRY                | 2009 |
| 6  | New 1,2-disubstituted ferrocenyl stibines containing N-heterocyclic pendant arm: Sb-N hypervalent compounds                                           | ANA MARGARITA ZAVALA ORTIZ PANKAJ SHARMA DIEGO PEREZ MARTINEZ et al.            | JOURNAL OF ORGANOMETALLIC CHEMISTRY       | 2009 |
| 7  | Synthesis of ferrocenyl-beta-enamino ketones: A search of ferrocenylpyrido[2,3-d]pyrimidines using a Ni(CN)(2)/NaOH/KCN system as catalytic precursor | MARIA IVONNE ARELLANO MENDOZA PANKAJ SHARMA ARMANDO DANIEL CABRERA ORTIZ et al. | JOURNAL OF ORGANOMETALLIC CHEMISTRY       | 2009 |
| 8  | Preparation of new 1,2-disubstituted ferrocenyl stibine derivatives containing ether/thioether pendant arm from a quaternary ferrocenyl ammonium salt | DIEGO PEREZ MARTINEZ PANKAJ SHARMA ARMANDO DANIEL CABRERA ORTIZ et al.          | Polyhedron                                | 2009 |
| 9  | Perspectives of antimony compounds in oncology                                                                                                        | PANKAJ SHARMA DIEGO PEREZ MARTINEZ ARMANDO DANIEL CABRERA ORTIZ et al.          | ACTA PHARMACOL SIN                        | 2008 |
| 10 | Tris-(1,2-N,N-dimethylaminomethylferrocenyl)stibine and its heterotrimetallic complex                                                                 | DIEGO PEREZ MARTINEZ PANKAJ SHARMA NOE ROSAS ESPINOSA et al.                    | JOURNAL OF ORGANOMETALLIC CHEMISTRY       | 2008 |
| 11 | First catalytic synthesis of 7-ferrocenyl-2,4-dioxypyrido [2,3-d]pyrimidines derivatives in water                                                     | MARIA IVONNE ARELLANO MENDOZA PANKAJ SHARMA JOSE LUIS ARIAS TELLEZ et al.       | JOURNAL OF MOLECULAR CATALYSIS A-CHEMICAL | 2007 |
| 12 | First ferrocenylstibines and their molecular structures                                                                                               | PANKAJ SHARMA MARIA DEL CARMEN VIRGINIA ORTEGA ALFARO NOE ROSAS ESPINOSA et al. | INORGANIC CHEMISTRY COMMUNICATIONS        | 2006 |
| 13 | New stibines containing acetal and formyl group: Platinum complex and unexpected oxastibol derivative                                                 | PANKAJ SHARMA NOE ROSAS ESPINOSA ARMANDO DANIEL CABRERA ORTIZ et al.            | JOURNAL OF ORGANOMETALLIC CHEMISTRY       | 2006 |
| 14 | Stable catalyst for intermolecular Pauson-Khand reaction                                                                                              | JOSE LUIS ARIAS TELLEZ PANKAJ SHARMA NOE ROSAS ESPINOSA et al.                  | JOURNAL OF MOLECULAR CATALYSIS A-CHEMICAL | 2006 |
| 15 | Synthesis of butyrolactones by nickel-catalyzed reductive cyanation of alkynols in water                                                              | FEDERICO JESUS JIMENEZ CRUZ NOE ROSAS ESPINOSA García Gutiérrez J.L.            | TETRAHEDRON LETTERS                       | 2005 |

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|    |                                                                                                                                       |                                                                              |                                                        |      |
|----|---------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------|--------------------------------------------------------|------|
| 16 | First synthesis and structural report on selenophen-2-yl containing pnictogens: Biological activities of tris(selenophen-2-yl)stibine | PANKAJ SHARMA NOE ROSAS ESPINOSA RUBEN ALFREDO TOSCANO et al.                | JOURNAL OF ORGANOMETALLIC CHEMISTRY                    | 2005 |
| 17 | Substituted thienyl stibines and bismuthines: Syntheses, structures and cytotoxicity                                                  | PANKAJ SHARMA NOE ROSAS ESPINOSA RUBEN ALFREDO TOSCANO et al.                | APPLIED ORGANOMETALLIC CHEMISTRY                       | 2005 |
| 18 | Synthesis and structures of organoantimony compounds containing intramolecular Sb-N interactions                                      | PANKAJ SHARMA NOE ROSAS ESPINOSA RUBEN ALFREDO TOSCANO et al.                | JOURNAL OF ORGANOMETALLIC CHEMISTRY                    | 2004 |
| 19 | One pot syntheses of substituted naphthyridines and 2H-pyrano[3,2-g]quinolin-2-ones in water                                          | NOE ROSAS ESPINOSA PANKAJ SHARMA JOSE GUILLERMO PENIERES CARRILLO et al.     | Heterocycles                                           | 2003 |
| 20 | A novel method for the synthesis of 5,6-dihydro-4H-oxocin-4-ones: 6-endo-dig versus 8-endo-dig cyclizations                           | NOE ROSAS ESPINOSA PANKAJ SHARMA RUBEN ALFREDO TOSCANO et al.                | TETRAHEDRON LETTERS                                    | 2003 |
| 21 | Crystal structure of trans-dibromobis(triphenylphosphine)platinum(II)                                                                 | PANKAJ SHARMA NOE ROSAS ESPINOSA RUBEN ALFREDO TOSCANO et al.                | ANAL SCI                                               | 2003 |
| 22 | Organobismuthines containing aromatic heterocycles: Synthesis and characterization                                                    | ANA ADELA LEMUS SANTANA PANKAJ SHARMA ARMANDO DANIEL CABRERA ORTIZ et al.    | MAIN GROUP METAL CHEMISTRY                             | 2001 |
| 23 | Tertiary stibines containing aromatic heterocycles and their silver complexes: Synthesis and X-ray structures                         | PANKAJ SHARMA ARMANDO DANIEL CABRERA ORTIZ CECILIO ALVAREZ Y TOLEDANO et al. | JOURNAL OF ORGANOMETALLIC CHEMISTRY                    | 2001 |
| 24 | Novel and facile catalytic synthesis of 2,4-dioxypyrido[2,3-d]-pyrimidine derivatives in water                                        | NOE ROSAS ESPINOSA PANKAJ SHARMA Ramírez R. et al.                           | J CHEM SOC PERK T I                                    | 2001 |
| 25 | Synthesis and crystal structures of mixed halophenylbismuthates(III)                                                                  | PANKAJ SHARMA ARMANDO DANIEL CABRERA ORTIZ NOE ROSAS ESPINOSA et al.         | ZEITSCHRIFT FUR ANORGANISCHE UND ALLGEMEINE CHEMIE     | 2000 |
| 26 | Nickel catalyzed cascade conversion of propargyl halide and propargyl alcohol into 4,6-dimethyl-5-cyano-2-pyrone in water             | NOE ROSAS ESPINOSA MANUEL DE JESUS SALMON SALAZAR PANKAJ SHARMA et al.       | Journal Of The Chemical Society, Perkin Transactions I | 2000 |

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|    |                                                                                                                                                                                                                                    |                                                                                             |                                           |      |
|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|-------------------------------------------|------|
| 27 | Synthesis of coupling dinuclear iron complexes from $\mu$ -N-(2-oxo-2-methylethanaminato)- $\mu$ -N'-(dimethylamino)-Fe <sub>2</sub> (CO) <sub>5</sub> complex with acetylene derivatives                                          | CECILIO ALVAREZ Y TOLEDANO<br>MONICA MERCEDES MOYA CABRERA<br>ELENA KLIMOVA et al.          | JOURNAL OF ORGANOMETALLIC CHEMISTRY       | 2000 |
| 28 | Catalytic auto-condensation of 2,4-pentanedione promoted by Sm(III) acetylacetonate: The X-ray structure of a novel complex [Sm(CH <sub>3</sub> COO) <sub>3</sub> (H <sub>2</sub> O) <sub>2</sub> ](H <sub>2</sub> O) <sub>2</sub> | JOSE LUIS ARIAS TELLEZ PANKAJ<br>SHARMA NOE ROSAS ESPINOSA et al.                           | INORGANICA CHIMICA ACTA                   | 2000 |
| 29 | Catalytic hydrocyanation of $\alpha$ -ketoalkynes by Ni(CN) <sub>2</sub> /CO/KCN system in alkaline aqueous media: Identification of the active species                                                                            | NOE ROSAS ESPINOSA PANKAJ<br>SHARMA JOSE LUIS ARIAS TELLEZ et al.                           | JOURNAL OF MOLECULAR CATALYSIS A-CHEMICAL | 2000 |
| 30 | Hydrodimerization of cyclic $\alpha$ , $\beta$ unsaturated ketones promoted by samarium iodide                                                                                                                                     | NOE ROSAS ESPINOSA PANKAJ<br>SHARMA RONAN MARIE LE LAGADEC et al.                           | SYNTHETIC COMMUNICATIONS                  | 1998 |
| 31 | Crystal structures of tri(o-tolyl)stibine in two crystal forms                                                                                                                                                                     | PANKAJ SHARMA ARMANDO DANIEL<br>CABRERA ORTIZ NOE ROSAS<br>ESPINOSA et al.                  | MAIN GROUP METAL CHEMISTRY                | 1998 |
| 32 | <sup>1</sup> H and <sup>13</sup> C 2D NMR Studies on Substituted 3-Pyrrolin-2-ones                                                                                                                                                 | NOE ROSAS ESPINOSA MARIA ISABEL<br>CHAVEZ URIBE PANKAJ SHARMA et al.                        | ANAL SCI                                  | 1998 |
| 33 | Characterization of a novel [Sm(HMPA) <sub>4</sub> ] <sup>2+</sup> complex by positive ion fast atom bombardment and high resolution mass spectrometry                                                                             | ARMANDO DANIEL CABRERA ORTIZ<br>MANUEL DE JESUS SALMON SALAZAR<br>NOE ROSAS ESPINOSA et al. | Polyhedron                                | 1998 |
| 34 | Cyanation of $\alpha$ -ketoalkynes catalyzed by nickel in water                                                                                                                                                                    | NOE ROSAS ESPINOSA Arzoumanian<br>H. Jean M. et al.                                         | Organometallics                           | 1997 |
| 35 | Di- $\mu$ -chloro-bis[dicarbonylpalladium(I)] molecular structure characterization by Hartree-Fock and local spin density methods                                                                                                  | JUAN ANTONIO COGORDAN RAMIREZ<br>NOE ROSAS ESPINOSA Gomez-Lara<br>J. et al.                 | JOURNAL OF MOLECULAR STRUCTURE-THEOCHEM   | 1997 |
| 36 | Hydroformylation versus hydrocarboxylation of cyclohexene under homogeneous WGSR conditions: The study of Co <sub>2</sub> (CO) <sub>8</sub> diphos/THF-H <sub>2</sub> O system                                                     | PANKAJ SHARMA LUIS VELASCO<br>IBARRA JOSE LUIS ARIAS TELLEZ et al.                          | JOURNAL OF MOLECULAR CATALYSIS A-CHEMICAL | 1997 |
| 37 | Novel organoantimony compounds containing Sb-Sb bonds: A review                                                                                                                                                                    | PANKAJ SHARMA NOE ROSAS<br>ESPINOSA RONAN MARIE LE LAGADEC<br>et al.                        | MAIN GROUP METAL CHEMISTRY                | 1997 |

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|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|-------------------------------------------------------------------|------|
| 38 | The crystal structure of a novel complex [Sm(HMPA)3(H2O)4]3+3[I-] formed in the reductive cyclodimerization of linear $\alpha,\beta$ -unsaturated ketones by SmI2 | NOE ROSAS ESPINOSA PANKAJ SHARMA RUBEN ALFREDO TOSCANO et al.                            | Polyhedron                                                        | 1996 |
| 39 | Triphenylstibine dihydroxide                                                                                                                                      | NOE ROSAS ESPINOSA GEORGINA ENRIQUETA ESPINOSA PEREZ ARMANDO DANIEL CABRERA ORTIZ et al. | ACTA CRYSTALLOGRAPHICA SECTION C-CRYSTAL STRUCTURE COMMUNICATIONS | 1996 |
| 40 | Electrical properties of aryloxy substituted phthalocyanines                                                                                                      | PANKAJ SHARMA NOE ROSAS ESPINOSA Shankar R. et al.                                       | J MATER SCI LETT                                                  | 1996 |
| 41 | Crystal structures of Bu 4[PhSbBr 2Cl] and Bu 4N[Ph 2SbBr 2]                                                                                                      | PANKAJ SHARMA NOE ROSAS ESPINOSA RUBEN ALFREDO TOSCANO et al.                            | MAIN GROUP METAL CHEMISTRY                                        | 1996 |
| 42 | Novel rhodium-antimony bimetallic complexes containing an unusual distibine cis-eclipsed conformation                                                             | PANKAJ SHARMA NOE ROSAS ESPINOSA ARMANDO DANIEL CABRERA ORTIZ et al.                     | Journal Of The Chemical Society, Chemical Communications          | 1995 |
| 43 | Allylic Versus Vinylic Oxidation of Cyclohexene Promoted by Transition Metal $\beta$ -Diketonates                                                                 | ARMANDO DANIEL CABRERA ORTIZ MANUEL DE JESUS SALMON SALAZAR NOE ROSAS ESPINOSA et al.    | SYN REACT INORG MET                                               | 1995 |
| 44 | Nickel-catalyzed carbonylation of $\alpha$ -keto alkynes under phase transfer conditions                                                                          | NOE ROSAS ESPINOSA Arzoumanian H. Jean M. et al.                                         | Organometallics                                                   | 1995 |
| 45 | Synthesis and characterization of monohalo-diorganoantimony(V) schiff base complexes                                                                              | PANKAJ SHARMA NOE ROSAS ESPINOSA ARMANDO DANIEL CABRERA ORTIZ et al.                     | MAIN GROUP METAL CHEMISTRY                                        | 1995 |
| 46 | Nickel- and phase-transfer-catalyzed carboxylation of propargyl and allenyl halides                                                                               | NOE ROSAS ESPINOSA Arzoumanian H. Cochini F. et al.                                      | Organometallics                                                   | 1993 |



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**LIBROS Y CAPITULOS CON ISBN**

**No se encuentran registros en la base de datos de Humanindex asociados a:**

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**PARTICIPACIÓN EN PROYECTOS**

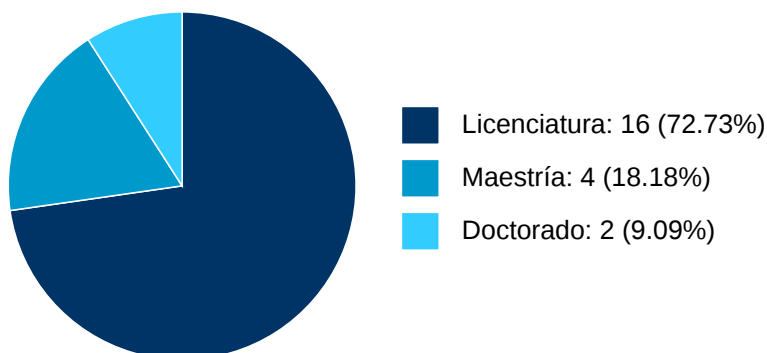
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## NOE ROSAS ESPINOSA

### PARTICIPACIÓN EN TESIS

#### Histórico de Colaboraciones en Tesis



| # | Título del documento                                                                                                                     | Tipo de Tesis         | Sinodales               | Autores                                   | Entidad                                                             | Año  |
|---|------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|-------------------------|-------------------------------------------|---------------------------------------------------------------------|------|
| 1 | Ferrocenil-heterociclos y beta-enaminocetonas : síntesis catalítica con níquel a partir de ferroceniletinilcetonas y actividad biológica | Tesis de Doctorado    | NOE ROSAS ESPINOSA,     | Arellano Jiménez, Ivonne,                 |                                                                     | 2012 |
| 2 | Preparación de \03B1-alquilcetonas como intermediarios en las síntesis de oxocinonas                                                     | Tesis de Licenciatura | JOSE LUIS ARIAS TELLEZ, | NOE ROSAS ESPINOSA, PANKAJ SHARMA, et al. | Facultad de Estudios Superiores "Cuautitlán", Instituto de Química, | 2011 |
| 3 | Síntesis de benzo[b][1,8]naftiridin-5-onas sustituidas utilizando un sistema catalítico de níquel en medio acuoso                        | Tesis de Maestría     | NOE ROSAS ESPINOSA,     | Suárez Ortiz, Gloria Alejandra,           | Facultad de Ciencias, Instituto de Química,                         | 2008 |
| 4 | Síntesis catalítica de carboxilactamas y 7-ferrocenil-pirido[2,3-d]pirimidinas utilizando compuestos organometálicos de hierro y níquel  | Tesis de Maestría     | NOE ROSAS ESPINOSA,     | Arellano Jiménez, Ivonne,                 |                                                                     | 2006 |

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|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|-----------------------------------|----------------------------------------------------|------|
| 5  | Síntesis catalítica con níquel en medio acuoso y pruebas de actividad antioxidante, antiinflamatoria y citotóxica de Y-lactamas y piridopirimidinas sustituidas | Tesis de Licenciatura | NOE ROSAS ESPINOSA,               | García Macías, Norma Isabel,                       | 2005 |
| 6  | Estudio por métodos AB-inicio de reacciones de adición de Michael durante la formación de compuestos                                                            | Tesis de Licenciatura | JORGE PEON PERALTA,               | NOE ROSAS ESPINOSA, Roman Gomez, Ivan Cuauhtemo C, | 2005 |
| 7  | Síntesis de diindolilalcanos empleando microondas como fuente de energía y una arcilla mexicana como catalizador                                                | Tesis de Licenciatura | NOE ROSAS ESPINOSA,               | Lagunas Ávila, Sandra María,                       | 2005 |
| 8  | Reacción de desoximación versus transposición de Beckmann de la oxima de la ciclohexanona                                                                       | Tesis de Licenciatura | JOSE GUILLERMO PENIERES CARRILLO, | NOE ROSAS ESPINOSA, Valdez Rojas, José Ernesto,    | 2004 |
| 9  | Síntesis y actividad biológica de 5-carboxi-3-pirrolidin-2-onas y 5-hidroxi-3-pirrolidin-2-onas                                                                 | Tesis de Licenciatura | NOE ROSAS ESPINOSA,               | Manzano Yescas, Oscar Arturo,                      | 2004 |
| 10 | Síntesis y pruebas de actividad antioxidante, antiinflamatoria y citotóxica de 1,3-dimetilpirido[2,3-d]pirimidin-2,4-dionas-5,7-disustituidas                   | Tesis de Licenciatura | NOE ROSAS ESPINOSA,               | Arellano Jimenez, Ivonne,                          | 2004 |
| 11 | Síntesis de 1,3-dimetilpirido[2,3-d]pirimidin-2,4-dionas sustituidas empleando un sistema catalítico acuoso                                                     | Tesis de Maestría     | NOE ROSAS ESPINOSA,               | Flores García, Israel,                             | 2003 |

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|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|---------------------|----------------------------------------------------------|------|
| 12 | Síntesis de heterociclos a partir de [alfa]-alquililcetonas                                                                                                 | Tesis de Licenciatura | NOE ROSAS ESPINOSA, | Mendez Martinez, Minerva, Gutierrez Tinoco, Oliver Yair, | 2003 |
| 13 | Síntesis de 5-hidroxi-3-pirrolin-2-onas por hidrocianación catalítica de [alfa]-alquililcetonas con el sistema Ni(CN) <sub>2</sub> /CO/NaOH en medio acuoso | Tesis de Doctorado    | NOE ROSAS ESPINOSA, | García Gutierrez, José Luis,                             | 2000 |
| 14 | Síntesis de 1,3-dimetilpirido-[2,3D]-pirimidin-2,4-dionas 5,7-disustituidas                                                                                 | Tesis de Licenciatura | NOE ROSAS ESPINOSA, | Ramirez Hernandez, Rodrigo,                              | 2000 |
| 15 | Síntesis del ácido 2-(6-metoxi 2-naftil) propanoico : naproxen, por métodos de catálisis homogénea                                                          | Tesis de Licenciatura | NOE ROSAS ESPINOSA, | Díaz Guerrero, Mauricio,                                 | 1997 |
| 16 | Síntesis de gama-hidroxi-delta (alfa, beta)-butenolidos en condiciones de catálisis por transferencia de fase                                               | Tesis de Maestría     | NOE ROSAS ESPINOSA, | García Gutierrez, José Luis,                             | 1995 |
| 17 | Quimioterapia con compuestos de coordinación derivados del platino                                                                                          | Tesis de Licenciatura | NOE ROSAS ESPINOSA, | Roldan Masias, Alba Patricia,                            | 1989 |
| 18 | Reacciones de oxidación de hidrocarburos aromáticos por complejos de cobalto                                                                                | Tesis de Licenciatura | NOE ROSAS ESPINOSA, | Domínguez Martinez, Anabel,                              | 1987 |
| 19 | Oxidación selectiva de xilenos catalizada en fase homogénea por derivados de acetilacetatos metálicos                                                       | Tesis de Licenciatura | NOE ROSAS ESPINOSA, | Pérez Benítez, Aarón Refugio, Xochitemol Nava, Alfonso,  | 1984 |

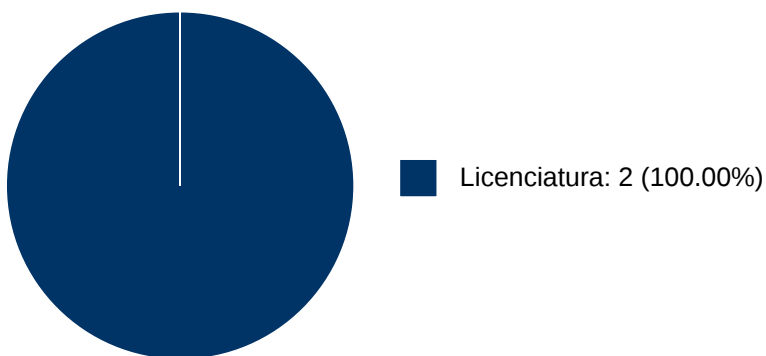
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|----|---------------------------------------------------------------------------------------------------------------|-----------------------|--------------------------------------------------|------|
| 20 | Reacciones de hidroformilación catalizadas por complejos de rodio y molibdeno depositados sobre gamma-alumina | Tesis de Licenciatura | NOE ROSAS ESPINOSA, Aguilera Fuentes, José Luis, | 1982 |
| 21 | Estudio espectroscopico de la oxidacion catalitica en fase homogenea del cumeno                               | Tesis de Licenciatura | NOE ROSAS ESPINOSA, Toscano, Rubén Alfredo,      | 1978 |
| 22 | Reacciones de oxidacion en fase liquida del 1-isopropil-4-metilbenceno                                        | Tesis de Licenciatura | NOE ROSAS ESPINOSA, Morales Rios, Maria Esther,  | 1978 |

**NOE ROSAS ESPINOSA**

**DOCENCIA IMPARTIDA**

**Histórico de docencia**



| # | Nivel titulación | Asignatura | Entidad              | Alumnos | Semestre |
|---|------------------|------------|----------------------|---------|----------|
| 1 | Licenciatura     | QUIMICA    | Facultad de Ciencias | 13      | 2009-2   |
| 2 | Licenciatura     | QUIMICA    | Facultad de Ciencias | 19      | 2009-1   |



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**NOE ROSAS ESPINOSA**

**TUTORIAS EN POSGRADO**

**No se encuentran registros en la base de datos de SIIPosgrado asociados a:**

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**PATENTES**

**No se encuentran registros en la base de datos de patentes asociados a:**

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## NOE ROSAS ESPINOSA

### FUENTES DE INFORMACIÓN

#### Internos

| # | Información                                                          | Fuente | Sistema     | Periodo   |
|---|----------------------------------------------------------------------|--------|-------------|-----------|
| 1 | Grupos ordinarios y resumen de historias académicas                  | DGAE   | SIAE        | 2008-2024 |
| 2 | Nombramientos, datos generales, estímulos, premios y reconocimientos | DGAPA  | RUPA        | 2008-2024 |
| 3 | Producción Académica                                                 | CH     | Humanindex  | 2008-2021 |
| 4 | Producción Académica                                                 | CIC    | SCIC        | 2000-2017 |
| 5 | Proyectos                                                            | DGPO   | SISEPRO     | 2018-2022 |
| 6 | Tesis                                                                | DGB    | TESIUNAM    | 2008-2024 |
| 7 | Tutorías en Posgrado                                                 | CGEP   | SIIPosgrado | 2008-2021 |

#### Externos

| #  | Información             | Fuente          | Sistema      | Periodo   |
|----|-------------------------|-----------------|--------------|-----------|
| 8  | Documentos Indexados    | Elsevier        | Scopus       | 2008-2024 |
| 9  | Documentos Indexados    | Thomson Reuters | WoS          | 2008-2024 |
| 10 | Obras con registro ISBN | INDAUTOR        | Agencia ISBN | 2008-2024 |
| 11 | Patentes                | IMPI            | SIGA         | 2008-2024 |